

#Sample Cancer		SNHG1	E2F1	TERT
TCGA-B0-5812-01A	KIRC	3.074172897	1.61607414	0
TCGA-DD-AADW-01A	LIHC	3.810598462	3.977671884	0.13594555
TCGA-DB-5270-01A	LGG	2.867490734	2.579303134	0
TCGA-VQ-A8PF-01A	STAD	3.737210252	3.820143122	0.240991415
TCGA-EB-A431-01A	SKCM	3.747293332	4.944019239	0.296520597
TCGA-DH-A66F-01A	LGG	4.573061298	1.015463459	0.157325277
TCGA-FI-A2EX-01A	UCEC	4.004098639	4.624947893	0.304073235
TCGA-AZ-6608-01A	COAD	4.779337108	4.577958619	0.491698656
TCGA-96-8169-01A	LUSC	3.312473996	2.972558752	0.037471649
TCGA-P3-A6SX-01A	HNSC	3.967782676	3.630236667	0.010049282
TCGA-D8-A1XC-01A	BRCA	2.633208868	2.001737449	0.045121395
TCGA-D8-A27P-01A	BRCA	2.745674065	1.813797512	0.023730655
TCGA-FY-A4B0-01A	THCA	2.641650005	1.83258875	0.006060117
TCGA-DS-A1OA-01A	CESC	4.557970516	5.219101806	0.150794331
TCGA-E1-A7Z3-01A	LGG	3.636678901	1.77332871	0
TCGA-DI-A1NN-01A	UCEC	4.789928798	4.774752084	0.41936362
TCGA-KN-8424-01A	KICH	2.694109278	2.247815624	0.004307257
TCGA-G4-6302-01A	COAD	2.35774665	2.559929637	0.323525971
TCGA-DK-A2I1-01A	BLCA	3.594755962	3.016420272	0.09599699
TCGA-VR-A8ET-01A	ESCA	3.329088036	2.155184082	0
TCGA-AJ-A3BD-01A	UCEC	4.937133715	4.606035834	0.179716302
TCGA-EM-A3FP-01A	THCA	1.538976754	2.640813306	0
TCGA-DX-A7EN-01A	SARC	3.249582471	6.728015242	0
TCGA-04-1356-01A	OV	4.234838021	4.375745098	0.341627944
TCGA-33-4547-01A	LUSC	4.434331115	2.938362643	0.189437609
TCGA-56-7222-01A	LUSC	3.457154293	3.582011304	0.706918234
TCGA-R6-A6L4-01A	ESCA	3.211386196	2.918282765	0.533016131
TCGA-FP-8209-01A	STAD	2.540474435	1.76467028	0.094582864
TCGA-MH-A560-01A	KIRP	1.70131298	2.303408226	0
TCGA-AZ-4614-01A	COAD	3.964517435	3.440545835	0.176785775
TCGA-22-4593-01A	LUSC	4.198830465	3.722078013	0.673872551
TCGA-BQ-7050-01A	KIRP	1.903380644	1.165835744	0
TCGA-BH-A2L8-01A	BRCA	3.188803693	1.681431528	0.08437123
TCGA-A8-A07Z-01A	BRCA	1.893759631	4.606267355	0.043716484
TCGA-CV-7430-01A	HNSC	2.660787928	2.690809153	0.063458762
TCGA-EW-A1PC-01B	BRCA	3.919813104	6.153993651	0.551041935
TCGA-US-A776-01A	PAAD	3.192312263	3.278170698	0.550214221
TCGA-L5-A88W-01A	ESCA	3.561182149	2.084024679	0.042715314
TCGA-VQ-A8DV-01A	STAD	3.902456064	3.23469055	0.368014096
TCGA-ZJ-AB0I-01A	CESC	3.848008848	3.852156648	0.118272515
TCGA-2J-AABO-01A	PAAD	3.308067045	1.832760704	0.113919903
TCGA-DB-5273-01A	LGG	2.857616965	1.801338625	0.004964183
TCGA-L5-A4OH-01A	ESCA	4.281139285	3.817091283	0.739187007

TCGA-DD-AACA-01A	LIHC	2.874809301	3.960338862	1.463219947
TCGA-HT-A61A-01A	LGG	3.220287972	2.434647444	0.045499539
TCGA-39-5011-01A	LUSC	3.790687513	3.140013953	0.041916452
TCGA-A3-3372-01A	KIRC	3.180577432	1.618273364	0.081581814
TCGA-KP-A3W3-01A	UCEC	4.468310736	4.140768425	0.274404183
TCGA-AA-A00L-01A	COAD	4.329819698	4.668843267	0.879635819
TCGA-VP-A87B-01A	PRAD	3.758835813	1.788543023	0.069173242
TCGA-EY-A54A-01A	UCEC	4.826659942	4.183061038	0.042911735
TCGA-WK-A8XX-01A	SARC	3.915459118	5.397972585	0.004126929
TCGA-4V-A9QU-01A	THYM	5.50503379	4.23319195	2.658286295
TCGA-55-7574-01A	LUAD	3.629976724	2.570921895	0.651523591
TCGA-AA-A01S-01A	COAD	4.158989989	5.845580114	1.039525084
TCGA-A8-A09R-01A	BRCA	2.012615367	3.334466684	0.037767069
TCGA-G2-A2EK-01A	BLCA	2.815004657	2.004123284	0.162298496
TCGA-A1-A0SK-01A	BRCA	5.307515368	5.376350318	2.828016931
TCGA-HT-A5RC-01A	LGG	3.06480961	3.486776645	1.948246577
TCGA-AA-3955-01A	COAD	4.758334792	3.756483228	0.656559494
TCGA-FD-A3SN-01A	BLCA	3.966963792	4.116750161	1.902452218
TCGA-SY-A9G0-01A	BLCA	3.929936967	2.488081508	0.036068069
TCGA-BH-A1F0-01A	BRCA	3.513113227	3.358432346	0.325529209
TCGA-OR-A5KZ-01A	ACC	4.08750426	5.131972729	0.255839954
TCGA-F5-6571-01A	READ	3.939177574	2.535028498	0.210712817
TCGA-23-1116-01A	OV	4.302532157	4.425773929	0.076849357
TCGA-CR-6492-01A	HNSC	2.940935309	2.989074284	0.022575323
TCGA-C5-A8XJ-01A	CESC	4.256916949	5.420397591	0.602973561
TCGA-QK-A8Z9-01B	HNSC	3.913400737	2.944374239	0.037430664
TCGA-2G-AAHG-01A	TGCT	4.858416702	4.349675011	0.24821468
TCGA-QR-A706-01A	PCPG	3.622265541	1.296860046	0
TCGA-DD-AAEB-01A	LIHC	2.204669266	0.985032556	3.21113663
TCGA-UN-AAZ9-01A	KIRP	2.941685938	2.599367264	0
TCGA-FJ-A3ZE-01A	BLCA	4.659966048	3.67974584	0.285458328
TCGA-AO-A0J7-01A	BRCA	3.68178716	4.114076532	0.056516848
TCGA-C5-A7UI-01A	CESC	5.173437799	4.626331468	0.532923517
TCGA-HC-8262-01A	PRAD	4.155938809	1.762296608	0.058715006
TCGA-AX-A1C9-01A	UCEC	4.538718037	3.664338503	0.799142968
TCGA-AG-A014-01A	READ	3.592157492	4.903811339	0.738055322
TCGA-CW-5589-01A	KIRC	3.264913518	2.078092051	0.021118329
TCGA-75-7031-01A	LUAD	3.333520333	2.531922989	1.199682645
TCGA-04-1362-01A	OV	4.372822248	4.090280011	0.479522841
TCGA-CJ-4920-01A	KIRC	3.2241627	2.181291042	0.027894273
TCGA-YT-A95F-01A	THYM	5.047604217	3.231380778	2.364996407
TCGA-D8-A143-01A	BRCA	1.781842893	3.852803932	0.057733652
TCGA-E9-A1R6-01A	BRCA	3.118029236	4.991705573	0.011138515
TCGA-PC-A5DO-01A	SARC	3.047839144	4.947646964	0

TCGA-WB-A80Q-01A	PCPG	3.61253205	0.896329149	0.009076898
TCGA-5U-AB0F-01A	THYM	3.776435382	3.950930018	1.962829419
TCGA-D7-A6EZ-01A	STAD	3.345283159	4.873915493	0.01288149
TCGA-DX-A8BG-01A	SARC	2.410606598	4.425853638	0.0143459
TCGA-14-1823-01A	GBM	2.941889113	1.98810306	0.025012158
TCGA-US-A779-01A	PAAD	3.31400654	2.454267056	0.047970141
TCGA-IZ-A6M9-01A	KIRP	2.802780782	1.118969757	0
TCGA-4X-A9FC-01A	THYM	5.363888724	4.380577919	2.541798428
TCGA-DD-A3A8-01A	LIHC	1.182337993	1.795980689	0.962447936
TCGA-CV-6940-01A	HNSC	2.483094707	2.991651009	0.033330634
TCGA-CM-4747-01A	COAD	2.927906219	2.961483465	0.758644233
TCGA-DJ-A13L-01A	THCA	2.847935335	2.283144239	0.584884606
TCGA-DH-5142-01A	LGG	3.700740643	2.076319687	0
TCGA-BP-4160-01A	KIRC	2.205935239	1.6661366	0
TCGA-58-8390-01A	LUSC	4.653758829	4.640122638	0.361069929
TCGA-LK-A4O2-01A	MESO	3.839714804	4.248269583	0.203271374
TCGA-BR-7851-01A	STAD	3.077776076	3.441770959	0.193710068
TCGA-RQ-AAAT-01A	DLBC	5.578499277	5.779548634	2.05336928
TCGA-AN-A0XS-01A	BRCA	2.621602745	2.02790349	0.084569686
TCGA-A2-A1FV-01A	BRCA	4.543383119	1.961568881	0.02097205
TCGA-BR-8371-01A	STAD	2.699843625	1.270032688	0.146789236
TCGA-B0-4844-01A	KIRC	2.767845383	1.953004774	0.006791838
TCGA-CC-A3M9-01A	LIHC	3.41385915	4.831906547	0.278634738
TCGA-CJ-5671-01A	KIRC	3.116505519	1.625077216	0
TCGA-85-8355-01A	LUSC	4.567359949	2.89761196	0.343432935
TCGA-AA-A01T-01A	COAD	3.032419901	5.631629558	0.648897685
TCGA-V4-A9EO-01A	UVM	4.581868402	2.154432644	0.017542751
TCGA-AA-3864-01A	COAD	4.352813456	3.687248039	0.122197811
TCGA-VS-A9UJ-01A	CESC	3.673105228	3.633482412	0.466856103
TCGA-AA-3495-01A	COAD	4.31684381	4.257655597	0.708244186
TCGA-HT-8108-01A	LGG	4.537967238	2.189536708	0
TCGA-E2-A1IH-01A	BRCA	3.873526189	2.486516968	0.004569453
TCGA-HD-A6HZ-01A	HNSC	3.435324068	2.969598124	0.062183366
TCGA-S9-A7IS-01A	LGG	4.778174263	4.815721229	0.28891137
TCGA-XU-AAY1-01A	THYM	5.157310723	4.636773187	2.441375186
TCGA-CV-7568-01A	HNSC	4.490155941	2.168629039	0.417370983
TCGA-DX-A3M1-01A	SARC	1.904219102	4.195457281	0
TCGA-B8-4154-01A	KIRC	3.915075137	1.370554906	0
TCGA-DD-AAVS-01A	LIHC	2.909571237	2.844629011	0.010976553
TCGA-OR-A5JW-01A	ACC	2.158090451	3.562796911	0.034433149
TCGA-KR-A7K2-01A	LIHC	1.903591172	2.006040074	0.258835342
TCGA-A8-A07G-01A	BRCA	2.241359965	1.374086347	0.017683182
TCGA-BG-A2AE-01A	UCEC	3.460975683	2.810536263	0.101685561
TCGA-CV-7421-01A	HNSC	2.720008437	3.213864756	0.520790623

TCGA-ZF-AA5P-01A	BLCA	3.294533812	2.406645588	0.352908284
TCGA-DD-AAE2-01A	LIHC	1.634196358	2.253759839	0.155932742
TCGA-KS-A4IC-01A	THCA	3.656676511	2.495991642	0
TCGA-21-1079-01A	LUSC	3.359731225	1.996154616	0.03406948
TCGA-KM-8440-01A	KICH	3.053127367	2.733416251	0
TCGA-58-A46L-01A	LUSC	5.059082936	3.020405877	0.983929285
TCGA-EU-5905-01A	KIRC	3.659960826	1.473097455	0.008198484
TCGA-TQ-A7RI-01A	LGG	4.463350705	1.649869707	0.074856451
TCGA-J4-A83M-01A	PRAD	3.949512555	1.146750109	0.265379321
TCGA-DY-A0XA-01A	READ	4.306260134	4.883135924	0.375281577
TCGA-13-1505-01A	OV	4.864409619	3.815437377	0.029237924
TCGA-PE-A5DE-01A	BRCA	2.916735024	3.183395939	0.095375355
TCGA-BP-5202-01A	KIRC	2.223957386	1.71740657	0.020020764
TCGA-69-7764-01A	LUAD	3.867754102	4.223148279	0.124970027
TCGA-BR-4187-01A	STAD	1.639235739	1.869274238	0.031314833
TCGA-56-8305-01A	LUSC	4.128958561	2.948245285	0.246263417
TCGA-BR-6458-01A	STAD	3.071676456	4.014839348	0.036656309
TCGA-DO-A2HM-01B	THCA	3.39950034	2.115554886	0.096968013
TCGA-EI-6917-01A	READ	4.983465217	3.863174639	0.893870849
TCGA-W5-AA33-01A	CHOL	3.489470008	2.844609266	0.006796652
TCGA-AC-A3QQ-01B	BRCA	3.345099075	1.997461964	0.015027141
TCGA-S9-A6WD-01A	LGG	4.380710236	2.510092003	0.088377174
TCGA-H9-A6BX-01A	PRAD	3.262298415	2.0342713	0.046092061
TCGA-BR-4191-01A	STAD	3.283417236	3.157992255	0.061418927
TCGA-95-7043-01A	LUAD	3.632188936	3.811306251	0.096481837
TCGA-HT-7690-01A	LGG	4.338400352	2.761864563	0.013454354
TCGA-S9-A6TU-01A	LGG	4.53910176	1.902791836	0
TCGA-EW-A1OZ-01A	BRCA	3.283890058	4.202770786	0.044991378
TCGA-CG-4305-01A	STAD	3.769193031	3.389523183	0.021839475
TCGA-KM-8443-01A	KICH	2.050562379	3.101540537	0.500205796
TCGA-G4-6309-01A	COAD	4.042347137	4.110282188	0.241644231
TCGA-A8-A0A1-01A	BRCA	3.014351783	2.691892146	0.068516952
TCGA-CR-7389-01A	HNSC	1.593954033	2.086170449	0.099314597
TCGA-E2-A10F-01A	BRCA	3.376512438	2.319475457	0.042511225
TCGA-D1-A3JQ-01A	UCEC	4.56413517	3.628536622	0.157414164
TCGA-HT-7860-01A	LGG	3.034010177	1.997419996	0.131824784
TCGA-BP-4992-01A	KIRC	4.470660038	1.163861579	0.307897159
TCGA-BH-A0EI-01A	BRCA	2.133614886	3.350050177	0.015970707
TCGA-2G-AAM4-01A	TGCT	5.599984571	5.491285237	2.041146848
TCGA-XU-AAXX-01A	THYM	4.895474241	3.616991315	2.044312635
TCGA-DX-A6YU-01A	SARC	2.724833595	4.45562298	0.0053932
TCGA-39-5016-01A	LUSC	3.743999147	2.921616843	0.048642805
TCGA-GM-A2DL-01A	BRCA	3.506654411	3.220040376	0.050741692
TCGA-CV-A464-01A	HNSC	3.191585483	3.412282554	0.359351628

TCGA-GM-A3XN-01A	BRCA	4.080358647	2.242243227	0.195365017
TCGA-FD-A6TG-01A	BLCA	3.192395485	3.68159475	0.170464245
TCGA-EM-A2CN-01A	THCA	3.632846879	1.765724327	0.351036869
TCGA-EA-A439-01A	CESC	4.028024775	5.52843471	0.202722223
TCGA-A2-A0ER-01A	BRCA	1.918412682	3.304411148	0.0558736
TCGA-XM-A8RL-01A	THYM	5.356523968	4.421942156	2.773541366
TCGA-CJ-4639-01A	KIRC	3.980396085	1.571546695	0.016583925
TCGA-VT-A80J-01A	SARC	4.17836748	5.269866227	0.017677317
TCGA-MA-AA3W-01A	CESC	4.906654746	4.34760977	0.770408805
TCGA-B5-A0K3-01A	UCEC	3.185214635	4.370809319	0.191528782
TCGA-77-A5GH-01A	LUSC	4.906208714	3.403955202	2.415569838
TCGA-35-3615-01A	LUAD	3.56470891	1.39179391	0.007845388
TCGA-B0-4841-01A	KIRC	1.414380171	0.891404611	0
TCGA-AP-A0LM-01A	UCEC	3.667487436	3.253009553	0.148435183
TCGA-DD-AAVV-01A	LIHC	2.057987631	3.528949533	0.281386721
TCGA-EB-A82B-01A	SKCM	3.26445649	5.426991624	0.018516306
TCGA-E1-A7YE-01A	LGG	4.179949863	2.339380522	0.004733685
TCGA-N9-A4Q1-01A	UCS	4.165640755	4.37342231	0.485173581
TCGA-B0-5402-01A	KIRC	3.153410727	0.88479783	0.023321109
TCGA-PQ-A6FI-01A	BLCA	4.910747588	3.962601359	0
TCGA-29-1703-01A	OV	4.195065931	4.545357754	0.20145994
TCGA-XF-AAMY-01A	BLCA	3.437117008	3.154732808	0.6118326
TCGA-BP-5174-01A	KIRC	1.883279417	1.930803597	0
TCGA-FA-A7Q1-01A	DLBC	4.64154309	4.813677652	1.947008086
TCGA-78-7162-01A	LUAD	1.712167904	3.008956693	0.009974563
TCGA-CM-5348-01A	COAD	3.112601608	2.995320498	0.330380553
TCGA-CK-6746-01A	COAD	4.494366575	3.519138894	0.383479405
TCGA-S6-A8JX-01A	TGCT	5.00179224	4.839574591	0.348362361
TCGA-H4-A2HQ-01A	BLCA	4.436374977	3.437341168	0.928135365
TCGA-3B-A9HP-01A	SARC	3.491167828	2.729329778	0
TCGA-41-2571-01A	GBM	4.36331596	4.638683909	0.713194221
TCGA-DJ-A1QM-01A	THCA	1.535807733	1.463372983	0
TCGA-SW-A7EB-01A	STAD	4.19275504	3.119114411	1.090737712
TCGA-49-4512-01A	LUAD	2.927449619	3.12367407	0.083111978
TCGA-EW-A1IZ-01A	BRCA	4.247645237	3.655076956	0.131781914
TCGA-FI-A3PX-01A	UCEC	5.064656118	4.513385386	0.322245386
TCGA-AD-A5EJ-01A	COAD	4.758701383	4.189744626	0.370249919
TCGA-DM-A1DB-01A	COAD	4.574780893	5.162029592	0.487273567
TCGA-X9-A973-01A	SARC	3.900444306	3.453539795	0
TCGA-B1-A47O-01A	KIRP	3.333271412	0.832092331	0
TCGA-B0-4810-01A	KIRC	3.764093351	2.47283804	0.899906291
TCGA-F7-A50G-01A	HNSC	4.441115949	2.796683709	0.199804224
TCGA-CM-6169-01A	COAD	3.787180901	3.156022805	0.121709942
TCGA-AN-A0FL-01A	BRCA	2.07722829	3.310393403	0.130405806

TCGA-WB-A81D-01A	PCPG	2.780069195	1.393981366	0.005479221
TCGA-AX-A05U-01A	UCEC	3.967390607	2.32158346	0.542496293
TCGA-94-8491-01A	LUSC	5.506635929	3.289939395	0.242114658
TCGA-AA-3845-01A	COAD	3.444599239	3.553043008	0.277056525
TCGA-BH-A1FG-01A	BRCA	2.699060285	1.76733201	0.009515855
TCGA-KK-A8I4-01A	PRAD	3.731001987	1.927615337	0.172124071
TCGA-FV-A496-01A	LIHC	2.218011386	1.838533607	0.005336404
TCGA-Y8-A8S1-01A	KIRP	1.639101839	1.165734363	0
TCGA-RD-A7BS-01A	STAD	3.825654022	2.795145631	0.440105555
TCGA-RW-A67X-01A	PCPG	2.000250729	1.266709711	0.006344409
TCGA-B2-5635-01B	KIRC	3.330243462	0.835734342	0.012226378
TCGA-DX-A7EL-01A	SARC	3.002955558	4.495027638	0.005335107
TCGA-TS-A8AF-01A	MESO	3.591850154	2.873111094	0.011005076
TCGA-BR-8590-01A	STAD	2.922654003	2.997349372	0.254107035
TCGA-BR-7723-01A	STAD	3.49561768	4.03472557	0.308511579
TCGA-86-8075-01A	LUAD	2.828723711	3.573610466	0.243630364
TCGA-5C-A9VG-01A	LIHC	3.158567492	2.772680016	0.237839249
TCGA-64-1680-01A	LUAD	2.994553847	1.882498675	0.044607618
TCGA-FV-A3R3-01A	LIHC	1.502979989	0.889856765	0.022257341
TCGA-HC-7821-01A	PRAD	2.896361846	1.282675643	0.025253727
TCGA-FV-A495-01A	LIHC	2.517880746	4.855282413	0.8607287
TCGA-E7-A4IJ-01A	BLCA	3.313985354	4.264695424	0.146380891
TCGA-BA-6868-01B	HNSC	4.115916974	2.939922131	0.044581072
TCGA-CV-5971-01A	HNSC	1.865656861	4.134743742	0.072574601
TCGA-DJ-A3VG-01A	THCA	3.169058124	1.510072768	0
TCGA-NH-A6GC-01A	COAD	3.55765909	3.25048096	0.169960243
TCGA-AN-A049-01A	BRCA	3.522015249	3.007712817	0.036632639
TCGA-D1-A1NW-01A	UCEC	5.153020293	3.268073844	1.313579774
TCGA-DX-A48J-01A	SARC	3.193593282	3.486955336	0
TCGA-AR-A5QN-01A	BRCA	3.316498711	3.635592136	0.028540705
TCGA-DU-7292-01A	LGG	1.976581495	2.514289563	0.018071668
TCGA-B8-4146-01B	KIRC	3.298978218	1.126178914	0.023532545
TCGA-EI-6509-01A	READ	3.251097704	2.983396541	0.755841563
TCGA-HT-A74H-01A	LGG	2.936390497	2.363866695	0.03580394
TCGA-VS-A9UY-01A	CESC	4.795353683	4.150110362	1.802859765
TCGA-EW-A6SC-01A	BRCA	3.69165193	3.027771637	0.208143866
TCGA-HU-A4H6-01A	STAD	3.373397579	3.815288378	0.541639554
TCGA-G7-6792-01A	KIRP	1.371060065	2.491098585	0
TCGA-HZ-A4BH-01A	PAAD	3.178130196	2.286967992	0.054161892
TCGA-EL-A4K1-01A	THCA	3.01019725	1.715601001	0
TCGA-E2-A1B4-01A	BRCA	3.487131523	1.234727213	0.032336988
TCGA-CX-A4AQ-01A	HNSC	5.085055328	4.365126938	0.359659592
TCGA-CM-6171-01A	COAD	3.594438948	3.478920578	0.358246182
TCGA-90-7766-01A	LUSC	4.6873225	3.178386423	0.065351832

TCGA-CG-5716-01A	STAD	3.011971349	3.585388792	0.271314119
TCGA-EL-A3GP-01A	THCA	2.613701511	1.778886499	0.009951081
TCGA-EB-A57M-01A	SKCM	3.111601368	4.126337781	0.056164781
TCGA-85-8071-01A	LUSC	4.434156208	2.948666511	0.2167719
TCGA-EL-A4K0-01A	THCA	3.121419997	1.88104004	0
TCGA-AF-4110-01A	READ	3.428506837	3.350909816	0.399310869
TCGA-DK-AA6Q-01A	BLCA	4.585676201	3.900668651	0.514897942
TCGA-RY-A83X-01A	LGG	4.618077321	2.672997205	0.274444394
TCGA-G9-6347-01A	PRAD	2.485246704	1.96429631	0.049918071
TCGA-D6-A6EK-01A	HNSC	3.277141157	2.5193930	0.154758398
TCGA-EA-A50E-01A	CESC	4.925700536	3.71938438	0.264035748
TCGA-13-0888-01A	OV	4.453008825	4.645942692	0.023358215
TCGA-FV-A4ZP-01A	LIHC	2.6423206	4.206063609	1.016419919
TCGA-AM-5820-01A	COAD	3.403613256	3.482751175	0.100907832
TCGA-FM-8000-01A	DLBC	4.177109788	4.332433888	1.176980121
TCGA-61-1907-01A	OV	4.804162668	3.147203539	0.098257988
TCGA-QR-A6H4-01A	PCPG	3.70543825	2.833125898	0
TCGA-43-8115-01A	LUSC	3.92244757	4.412699531	0.379809256
TCGA-A8-A0A9-01A	BRCA	4.103463795	3.417448919	0.295769406
TCGA-BP-4164-01A	KIRC	3.047835183	1.846148087	0.717907858
TCGA-FF-A7CQ-01A	DLBC	5.050785514	4.686151736	0.854110046
TCGA-HD-8634-01A	HNSC	3.914221918	2.625120272	0.237338033
TCGA-E7-A8O8-01A	BLCA	4.454035366	3.081358663	0.060053605
TCGA-2G-AAFG-01A	TGCT	4.961527006	4.991194119	0.908073692
TCGA-DX-A6B8-01A	SARC	2.828143322	3.947034087	0
TCGA-5M-AATE-01A	COAD	4.538539531	4.87759596	0.765186098
TCGA-YL-A8SJ-01B	PRAD	4.433492526	1.710599405	0.105249052
TCGA-W5-AA2W-01A	CHOL	3.129422803	3.058299286	0
TCGA-VS-A94X-01A	CESC	3.741219443	4.105710933	0.609805027
TCGA-N5-A4RV-01A	UCS	5.711396223	5.211951903	0.106299578
TCGA-PL-A8LY-01A	BRCA	4.473998609	2.844867058	0.2140638
TCGA-BJ-A290-01A	THCA	3.539261471	2.133344075	0.120379644
TCGA-D1-A17L-01A	UCEC	3.2818379	1.373440522	0.092690833
TCGA-AR-A24O-01A	BRCA	3.114785642	2.139923805	0.043596924
TCGA-KK-A8IL-01A	PRAD	4.056949266	0.960099199	0.108109157
TCGA-CN-5360-01A	HNSC	2.90616228	2.385143119	0.138455125
TCGA-EB-A44O-01A	SKCM	2.371839286	4.204104879	0.625950598
TCGA-A2-A4S1-01A	BRCA	2.675635844	3.171202036	0.008808851
TCGA-2G-AALY-01A	TGCT	4.659306917	4.580484814	1.395944096
TCGA-DD-A116-01A	LIHC	2.161346721	4.041973844	0
TCGA-86-8359-01A	LUAD	2.51406497	2.486659649	0.034975965
TCGA-D8-A1XY-01A	BRCA	3.283973941	2.199017085	0
TCGA-A2-A0CL-01A	BRCA	3.525730728	4.715893496	0.040351078
TCGA-GV-A3QF-01A	BLCA	3.682113849	3.486668642	0.395414083

TCGA-A6-2683-01A	COAD	2.429539585	4.923445541	1.564623432
TCGA-AJ-A2QM-01A	UCEC	3.380610901	4.572757687	0.715613457
TCGA-DD-A1EC-01A	LIHC	2.345592242	2.999079192	0.023079957
TCGA-BA-5557-01A	HNSC	1.264341028	1.957690245	0.008395092
TCGA-A6-2684-01A	COAD	4.091923348	3.439859037	0.251613144
TCGA-CW-6090-01A	KIRC	4.334079612	0.952773344	0
TCGA-EJ-A6RC-01A	PRAD	2.989395666	1.612733047	0.037460254
TCGA-63-A5MR-01A	LUSC	4.612920803	2.901600403	0.294299405
TCGA-A8-A08C-01A	BRCA	2.653588533	1.214324027	0.079961665
TCGA-CV-7427-01A	HNSC	2.60636117	2.323905264	0.052537295
TCGA-B6-A0RP-01A	BRCA	2.483406946	1.645250149	0.047158224
TCGA-BP-4982-01A	KIRC	2.927162729	1.637950592	0.007718829
TCGA-V1-A9OL-01A	PRAD	3.518232505	3.30975026	0.10710118
TCGA-SR-A6MX-01A	PCPG	4.364352511	2.224882432	0
TCGA-X7-A8M7-01A	THYM	4.696216153	4.412837143	2.471924388
TCGA-HU-A4GX-01A	STAD	3.532230199	3.381513496	0.840025954
TCGA-HZ-7925-01A	PAAD	2.533568625	1.849251176	0.019789405
TCGA-CN-5369-01A	HNSC	3.518635226	2.475749611	0.229718723
TCGA-DD-AACY-01A	LIHC	2.411673976	0.814625221	0.057610157
TCGA-BK-A4ZD-01A	UCEC	5.892923796	2.626290193	0.271475248
TCGA-DX-A240-01A	SARC	3.216650415	2.649971934	0
TCGA-DD-A114-01A	LIHC	1.818960368	3.969084433	0.031454141
TCGA-DX-A3LU-01A	SARC	2.586842335	3.33711214	0
TCGA-A7-A26J-01B	BRCA	3.406998781	1.877594997	0.190921308
TCGA-LN-A49X-01A	ESCA	3.58191717	3.897855062	0.345680824
TCGA-AA-A01D-01A	COAD	2.760631145	3.323391007	1.26137214
TCGA-K4-A4AB-01B	BLCA	2.563167125	1.275771359	0.033709223
TCGA-B0-4811-01A	KIRC	3.934741124	2.082816456	0.161416963
TCGA-85-6175-01A	LUSC	2.447271959	2.224032161	0.11118566
TCGA-60-2721-01A	LUSC	4.142096711	2.902078826	0.19497828
TCGA-B0-4714-01A	KIRC	3.964300686	1.598210652	0.082129878
TCGA-D9-A4Z2-01A	SKCM	3.9744942	3.746769359	0.153156977
TCGA-33-4586-01A	LUSC	2.736940014	2.561428699	0.055530311
TCGA-FT-A3EE-01A	BLCA	2.932433861	2.190316524	0.801667702
TCGA-AX-A0J1-01A	UCEC	4.333730082	3.58957037	1.804863086
TCGA-TS-A7P7-01A	MESO	4.588736037	4.605859544	0.266387063
TCGA-77-8008-01A	LUSC	3.114739482	1.897939886	0.111136397
TCGA-KK-A8IG-01A	PRAD	3.191076004	1.469686251	0.020314807
TCGA-HT-7681-01A	LGG	3.724200466	1.960741556	0.058020679
TCGA-3H-AB3M-01A	MESO	4.29100312	3.083392858	0.188765353
TCGA-AX-A2HA-01A	UCEC	3.675225963	3.306987096	0.685875108
TCGA-WW-A8ZI-01A	PRAD	3.7970759	1.202357864	0.126679589
TCGA-BK-A0CA-01A	UCEC	3.917392577	2.981477873	0.406251942
TCGA-B6-A0RQ-01A	BRCA	3.258763497	1.219680837	0.009377872

TCGA-VN-A88M-01A	PRAD	4.095673093	1.512616182	0.202256009
TCGA-KM-8439-01A	KICH	2.986136385	1.343733545	0
TCGA-DK-A6AW-01A	BLCA	3.831392043	2.190687062	0.021738957
TCGA-MP-A4T7-01A	LUAD	3.79788155	3.073378692	0.509091598
TCGA-20-1683-01A	OV	5.2791691344	5.534980144	0.022994868
TCGA-44-6147-01A	LUAD	3.176008667	2.111558092	0.070733618
TCGA-AO-A12F-01A	BRCA	4.953306537	4.656434211	0.22056467
TCGA-SX-A7SQ-01A	KIRP	2.700874909	2.078164193	0
TCGA-HT-7856-01A	LGG	3.211941169	2.659363263	0.120609063
TCGA-E2-A1LH-01A	BRCA	4.409552809	2.987189672	0.047190753
TCGA-ZN-A9VP-01A	MESO	3.692072447	3.050650459	0.148655733
TCGA-AR-A24L-01A	BRCA	1.817654133	3.275899491	0.022144418
TCGA-80-5611-01A	LUAD	3.360827445	5.72434693	0.034097836
TCGA-EY-A1GH-01A	UCEC	5.500758703	2.848856327	0.34348001
TCGA-BP-4967-01A	KIRC	2.41405145	2.386383565	0.263579013
TCGA-HZ-A8P0-01A	PAAD	2.917854627	1.37640323	0.17027683
TCGA-TQ-A7RK-01A	LGG	5.578015383	3.771243153	0.012757762
TCGA-BH-A0E0-01A	BRCA	3.560311208	4.373785108	0.007914592
TCGA-C8-A1HN-01A	BRCA	3.343739802	3.741491004	0.044284432
TCGA-AA-A02O-01A	COAD	3.961895113	4.679991051	0.428174707
TCGA-98-8021-01A	LUSC	3.491281852	2.764015107	0.189751404
TCGA-BH-A1F6-01A	BRCA	3.451980309	3.787698864	0.131409178
TCGA-CF-A27C-01A	BLCA	4.138929876	2.523014249	0.262350573
TCGA-MP-A4T4-01A	LUAD	3.63637477	3.601599957	0.163247346
TCGA-DJ-A3V8-01A	THCA	3.490395022	2.798592206	0
TCGA-BP-4995-01A	KIRC	3.032865822	1.399035508	0.003495247
TCGA-W2-A7HE-01A	PCPG	3.491078745	1.999871263	0
TCGA-A7-A0D9-01A	BRCA	3.361085389	1.984239592	0.342385306
TCGA-G3-AAV2-01A	LIHC	1.726223818	0.848036873	0.012101985
TCGA-AA-3950-01A	COAD	3.554433051	3.411133639	0.163678337
TCGA-EY-A1GQ-01A	UCEC	3.591560679	3.57606836	0.936338633
TCGA-A1-A0SO-01A	BRCA	3.132790496	4.796550706	0.881191819
TCGA-DJ-A3VL-01A	THCA	3.492940938	1.381205596	0.012438472
TCGA-VD-A8KM-01A	UVM	3.323266569	1.708004561	0.154169915
TCGA-B0-4703-01A	KIRC	3.116323587	2.187776722	0.1574755
TCGA-DX-A7EU-01A	SARC	4.107046444	3.835362703	0.014511753
TCGA-C5-A3HL-01A	CESC	3.426921062	4.511550222	0.004445458
TCGA-A5-A0G3-01A	UCEC	4.689762623	4.595672741	0.505663489
TCGA-FR-A3R1-01A	SKCM	3.244677963	3.676954388	0.121650138
TCGA-A2-A0YG-01A	BRCA	3.438632907	4.138875406	0.191052092
TCGA-EY-A1G7-01A	UCEC	3.534930341	3.880036052	0.420780381
TCGA-MB-A8JL-01A	SARC	2.864735084	3.255172947	0.004718009
TCGA-BR-4363-01A	STAD	4.326835543	3.168601989	0.81273176
TCGA-DX-AB2W-01A	SARC	3.879383898	3.868773718	0

TCGA-FG-6690-01A	LGG	3.866835698	1.697352221	0
TCGA-44-3919-01A	LUAD	3.199319587	4.107806044	0.122019652
TCGA-R5-A7ZF-01A	STAD	5.005361596	4.489266914	0.322063302
TCGA-LN-A4A5-01A	ESCA	3.386919232	3.043905691	0.044365944
TCGA-QR-A6GO-01A	PCPG	3.138690628	2.263288251	0.005818399
TCGA-HW-7493-01A	LGG	2.623753003	1.256361163	0.005504947
TCGA-27-1837-01A	GBM	3.480937652	3.42119522	0.394076726
TCGA-DD-A1EJ-01A	LIHC	3.027201411	3.644506765	0.671431396
TCGA-T2-A6X2-01A	HNSC	4.29678696	2.601935437	0.234315039
TCGA-HT-8019-01A	LGG	2.554794447	2.508937194	0.030102467
TCGA-ZH-A8Y6-01A	CHOL	2.807335161	2.798046399	0
TCGA-MB-A5YA-01A	SARC	3.778650102	5.335578001	0
TCGA-QG-A5Z2-01A	COAD	4.460848831	3.649446145	0.43883354
TCGA-2G-AAFL-01A	TGCT	5.279591221	4.511446918	1.5053403
TCGA-KS-A4I3-01A	THCA	3.686169127	2.47391145	0
TCGA-36-1577-01A	OV	4.366951052	3.964576123	0.78048044
TCGA-B6-A40C-01A	BRCA	4.336775079	3.780029189	0.175342162
TCGA-CR-7385-01A	HNSC	3.441996486	4.120500951	0.13267586
TCGA-85-8666-01A	LUSC	3.427778475	3.77142109	0.029805252
TCGA-CI-6624-01C	READ	1.836541619	2.694817894	0.890959686
TCGA-E9-A1RF-01A	BRCA	3.322989468	2.659326393	0.00891808
TCGA-HT-7485-01A	LGG	2.94875796	0.988469978	0
TCGA-A4-7996-01A	KIRP	2.264988622	2.14052794	0.003514213
TCGA-AN-A0XR-01A	BRCA	3.372444594	3.52071635	0.253717438
TCGA-A3-3326-01A	KIRC	3.708529864	1.908703002	0.026202256
TCGA-62-A471-01A	LUAD	3.54977169	3.889228412	0.890689387
TCGA-UB-A7MC-01A	LIHC	2.29161427	3.685598342	2.955879151
TCGA-B4-5843-01A	KIRC	3.374806833	2.30015372	0
TCGA-06-0210-01A	GBM	3.971290996	2.269475605	0.214161332
TCGA-2Y-A9GW-01A	LIHC	2.661190798	1.720674682	0.193641949
TCGA-G3-A7M9-01A	LIHC	4.703114609	4.492504749	1.839046502
TCGA-CM-4743-01A	COAD	4.305744428	3.441813405	0.211243454
TCGA-EM-A1CU-01A	THCA	3.048419753	2.218871838	0
TCGA-LL-A7T0-01A	BRCA	4.698298458	5.312905237	0.19186599
TCGA-3Q-A9WF-01A	THYM	5.269878893	4.282833392	2.615891319
TCGA-E9-A1N4-01A	BRCA	3.724930822	2.303339687	0.091306839
TCGA-B5-A0JR-01A	UCEC	4.072607312	3.526955603	1.946403663
TCGA-20-1686-01A	OV	4.358884812	3.658253892	0.071795711
TCGA-BJ-A291-01A	THCA	1.501753134	0.944846727	0
TCGA-2A-AAYU-01A	PRAD	2.83600478	1.284321944	0.086206626
TCGA-FV-A2QR-01A	LIHC	1.232675318	2.692623422	0.044052908
TCGA-A2-A0EY-01A	BRCA	3.060813856	3.405499199	0.196303095
TCGA-63-A5MT-01A	LUSC	5.349856121	2.903335354	0.293127382
TCGA-A5-A1OH-01A	UCEC	5.316405985	5.138456357	0.237561554

TCGA-AZ-4315-01A	COAD	4.121688192	3.704006873	0.341972196
TCGA-EL-A3H1-01A	THCA	2.47120133	3.193520565	0
TCGA-AN-A0XV-01A	BRCA	3.954209999	2.070933165	0.035630526
TCGA-BP-4349-01A	KIRC	3.408153122	0.792347487	0
TCGA-75-6203-01A	LUAD	1.983639209	2.053509667	0.034793063
TCGA-LG-A9QD-01A	LIHC	2.019132072	0.583500763	0.021210887
TCGA-E9-A226-01A	BRCA	3.6472704	2.69617906	0.533987403
TCGA-28-5216-01A	GBM	3.893257653	3.264129759	0.2493702
TCGA-CV-7261-01A	HNSC	4.220815204	3.225137773	0.178971665
TCGA-BH-A0HW-01A	BRCA	4.235876458	3.937945294	0.081055347
TCGA-AA-3844-01A	COAD	4.06487039	4.055261242	0.487500304
TCGA-HT-8110-01A	LGG	3.132052124	3.451892778	0.119066987
TCGA-B7-A5TN-01A	STAD	3.634426698	3.031756298	0.099963898
TCGA-CR-6467-01A	HNSC	4.484837077	5.42998075	0.670799401
TCGA-6D-AA2E-01A	KIRC	2.881287385	0.885912928	0
TCGA-E9-A1ND-01A	BRCA	3.077203817	3.237015974	0.04768478
TCGA-DJ-A13V-01A	THCA	3.187755721	2.035051706	0
TCGA-BJ-A28T-01A	THCA	2.838557059	1.40276396	0.022786071
TCGA-VS-A9UU-01A	CESC	4.00256234	4.736483744	0.119251884
TCGA-BS-A0TG-01A	UCEC	2.335609942	1.690235239	0.046749932
TCGA-EM-A22I-01A	THCA	2.404557961	2.708977073	0.004686629
TCGA-BH-A1FU-01A	BRCA	3.105421206	2.421858738	0.055435711
TCGA-ET-A40T-01A	THCA	3.314668272	2.509185878	0.005118413
TCGA-DS-A1OB-01A	CESC	4.35265905	3.904048209	1.612215906
TCGA-D8-A27K-01A	BRCA	3.486774552	1.307112876	0.067130367
TCGA-JU-AAVI-01A	UCEC	4.47390447	3.931891506	0.026448015
TCGA-CF-A1HS-01A	BLCA	3.651124346	4.230806199	0.318302236
TCGA-2Y-A9GV-01A	LIHC	1.865665313	0.864118194	0.017238701
TCGA-VF-A8A8-01A	TGCT	5.552119853	4.475714449	1.778977094
TCGA-56-A62T-01A	LUSC	3.874621265	3.601727565	0.026185869
TCGA-BP-4968-01A	KIRC	3.138105494	2.195667773	0.091122513
TCGA-FG-8186-01A	LGG	4.304075896	2.001265528	0.070241734
TCGA-06-5417-01A	GBM	5.019243084	2.613360143	0.050770564
TCGA-BH-A1F8-01A	BRCA	2.348223095	2.53075086	0.019960012
TCGA-V4-A9EQ-01A	UVM	3.597253556	2.525221582	0.076155295
TCGA-WC-A884-01A	UVM	3.164382487	2.77928937	0.012849109
TCGA-B8-4153-01B	KIRC	2.749185889	1.141137531	0.019381486
TCGA-CQ-6221-01A	HNSC	1.00924479	3.540140887	0
TCGA-HP-A5N0-01A	LIHC	1.416775631	0.692593173	0.075135174
TCGA-06-0157-01A	GBM	3.636779029	4.971130263	0.221168766
TCGA-36-1568-01A	OV	4.148198688	2.837483438	0.121844696
TCGA-C5-A1BE-01B	CESC	4.430880688	5.06739858	0.060719199
TCGA-RW-A7D0-01A	PCPG	3.07210124	2.051622408	0
TCGA-HT-8012-01A	LGG	4.80472469	1.016056579	0.159903138

TCGA-HU-A4HD-01A	STAD	3.642167916	3.50936305	0.111105795
TCGA-KK-A6E5-01A	PRAD	3.393281425	1.378398604	0.087600911
TCGA-5P-A9JW-01A	KIRP	2.637170351	1.370125247	0
TCGA-18-4086-01A	LUSC	4.605065352	3.111375933	0.203877666
TCGA-AG-A026-01A	READ	3.676794452	4.158449934	0.626353312
TCGA-B6-A0RS-01A	BRCA	3.311947213	3.749046661	0.222577452
TCGA-ZG-A9MC-01A	PRAD	3.489197577	1.032444531	0.030255385
TCGA-EJ-5494-01A	PRAD	2.58872226	1.456154963	0.017383726
TCGA-A8-A09G-01A	BRCA	2.98394661	3.5787154	0.550584579
TCGA-S7-A7WP-01A	PCPG	1.683768638	2.05289234	0.005134341
TCGA-KK-A8I6-01A	PRAD	3.507111195	1.537096752	0.08338902
TCGA-N6-A4VC-01A	UCS	4.315851193	3.386270365	0.325824846
TCGA-IA-A83T-01A	KIRP	2.0175892880	9.05983576	0
TCGA-UZ-A9Q1-01A	KIRP	1.87009198	1.418747648	0
TCGA-AG-3609-01A	READ	3.897692921	3.203228241	2.456734736
TCGA-95-7947-01A	LUAD	2.990569094	4.721009116	0.383222633
TCGA-2A-A8VT-01A	PRAD	3.800096844	1.678192795	0.047361027
TCGA-43-7658-01A	LUSC	4.260365708	5.575121623	0.246001687
TCGA-TN-A7HJ-01A	HNSC	4.228915019	2.709698479	0.130104602
TCGA-VN-A88P-01A	PRAD	3.727716257	0.809973413	0.386955876
TCGA-DZ-6133-01A	KIRP	1.560078232	1.953630183	0
TCGA-2G-AAH8-01A	TGCT	4.403554218	4.584332749	0.486355996
TCGA-EY-A1GW-01A	UCEC	3.464293512	2.211800637	0.013795801
TCGA-BJ-A0ZJ-01A	THCA	2.920817573	1.801284944	0.065733006
TCGA-A6-2686-01A	COAD	5.136019634	3.387981837	0.429846927
TCGA-WB-A81I-01A	PCPG	2.206525462	1.30827448	0
TCGA-WQ-AB4B-01A	LIHC	2.412299228	2.182594276	0.143801469
TCGA-P5-A781-01A	LGG	4.175514422	1.77579561	0.084661472
TCGA-H9-A6BY-01A	PRAD	3.666773928	2.289298128	0.211672027
TCGA-A2-A0EO-01A	BRCA	2.837736187	1.806047584	0
TCGA-CX-7082-01A	HNSC	3.80799935	3.339557638	0.118156914
TCGA-KK-A6E8-01A	PRAD	3.972859922	1.84125998	0.017984529
TCGA-G3-A3CI-01A	LIHC	1.381677683	0.850540858	0.01930286
TCGA-BP-4777-01A	KIRC	2.919582922	2.294818192	0.044189406
TCGA-DJ-A3UT-01A	THCA	2.691478863	2.776210996	0
TCGA-AR-A24W-01A	BRCA	2.898412358	1.746331655	0.010702681
TCGA-CV-7104-01A	HNSC	1.984658754	2.195481227	0.191873317
TCGA-B0-4816-01A	KIRC	3.069348112	1.410000843	0.008313952
TCGA-ET-A3DR-01A	THCA	2.348576173	1.460608147	0
TCGA-NC-A5HE-01A	LUSC	4.361690582	3.893919826	0.402513419
TCGA-EM-A3SU-01A	THCA	3.065525956	2.176471454	0
TCGA-A3-A8CQ-01A	KIRC	2.911492992	1.508955638	0.032308463
TCGA-DX-A2J4-01A	SARC	2.271784353	2.308974413	0
TCGA-A3-3358-01A	KIRC	3.954999422	1.962715507	0.056784906

TCGA-XF-AAMX-01A	BLCA	3.439427464	4.185600786	1.294197816
TCGA-D1-A0ZU-01A	UCEC	3.798758482	2.979231578	0.594443437
TCGA-EL-A3MW-01A	THCA	3.541498501	1.825846955	0
TCGA-B6-A409-01A	BRCA	3.308089718	3.846493768	0.347909624
TCGA-B5-A11H-01A	UCEC	3.973893145	3.047208119	0.478306236
TCGA-05-4417-01A	LUAD	2.228931177	2.310188499	0.178661927
TCGA-BR-8058-01A	STAD	2.830539819	3.265678109	0.847208675
TCGA-CC-A3MA-01A	LIHC	3.294422295	4.355212207	0.046500008
TCGA-JY-A939-01A	ESCA	2.717538724	2.555589192	0.177913191
TCGA-BC-A8YO-01A	LIHC	3.387166841	4.059892351	0.210657359
TCGA-BH-A1EV-01A	BRCA	3.7197372	3.122258626	0.062005764
TCGA-HZ-8005-01A	PAAD	3.350792446	2.480637348	0.065582247
TCGA-21-5784-01A	LUSC	3.421141553	2.211369717	0.016358387
TCGA-ET-A39S-01A	THCA	3.191173615	1.789350378	0
TCGA-CH-5750-01A	PRAD	3.970354985	1.801657082	0.049653585
TCGA-D8-A1XB-01A	BRCA	3.766676688	2.397732743	0.079094521
TCGA-96-7544-01A	LUSC	3.784393637	2.379337008	0.434619196
TCGA-BH-A0H6-01A	BRCA	3.501237041	1.970025319	0.030117257
TCGA-PK-A5H8-01A	ACC	2.79574396	4.7028193	3.729791433
TCGA-EM-A3AJ-01A	THCA	2.590493929	1.387211325	0.028702743
TCGA-CX-7219-01A	HNSC	3.204962759	2.689613687	0.199441252
TCGA-E9-A1NE-01A	BRCA	2.918895576	2.74394357	0.051611193
TCGA-KU-A6H8-01A	HNSC	3.000327424	2.16622166	0.205554538
TCGA-B9-4117-01A	KIRP	2.887625855	1.095033798	0.010999288
TCGA-B0-4845-01A	KIRC	4.224273166	2.126061353	0.018594854
TCGA-ET-A39N-01A	THCA	3.124618756	2.672870202	0
TCGA-UY-A78M-01A	BLCA	4.813078222	4.078487142	0.453048638
TCGA-32-1970-01A	GBM	3.314763835	3.719076662	0.431851475
TCGA-QR-A6GY-01A	PCPG	3.054647319	2.979155035	0.031432537
TCGA-A7-A6VW-01A	BRCA	4.937430732	4.407914528	0.895461603
TCGA-AA-A01K-01A	COAD	4.312157405	3.81953736	0.526537217
TCGA-24-2290-01A	OV	4.192718129	4.372458578	0.362112228
TCGA-EK-A2H1-01A	CESC	4.488188207	3.955978551	0.331913922
TCGA-06-2564-01A	GBM	3.719732943	2.906459709	2.110051971
TCGA-27-1830-01A	GBM	3.211301782	3.041117238	0.168481667
TCGA-NG-A4VW-01A	UCS	4.546119806	4.638861598	0.324101482
TCGA-50-6597-01A	LUAD	2.342857957	2.501936295	0.151862141
TCGA-22-5480-01A	LUSC	5.113330163	3.376484436	0.163696759
TCGA-VS-A9V5-01A	CESC	4.635295138	5.126014911	0.221316
TCGA-EL-A4JX-01A	THCA	2.936669498	2.271769734	0
TCGA-DD-A11A-01A	LIHC	2.019046841	2.566000906	0.010004809
TCGA-DV-A4VX-01A	KIRC	3.470430685	3.279193418	0.015126475
TCGA-B0-5100-01A	KIRC	3.590319973	1.464715547	0.204046488
TCGA-85-6798-01A	LUSC	2.709926294	3.78082299	0.119357191

TCGA-TT-A6YP-01A	PCPG	2.32420074	1.755351908	0
TCGA-CR-7383-01A	HNSC	3.001486063	3.633271276	0.02354326
TCGA-F2-6879-01A	PAAD	3.310324231	2.569287894	0.025709613
TCGA-P5-A77X-01A	LGG	3.712604874	2.230385601	0.032889322
TCGA-IN-A6RN-01A	STAD	4.007647561	2.381335636	0.579320419
TCGA-HZ-8317-01A	PAAD	2.605486713	2.233023581	0.026179009
TCGA-13-0724-01A	OV	4.415115938	3.81515769	0.078497195
TCGA-E9-A245-01A	BRCA	2.897939206	2.722907187	0.124629367
TCGA-43-8116-01A	LUSC	5.796415468	3.52983106	0.390495815
TCGA-DD-AAVZ-01A	LIHC	2.767344077	2.167885298	0.006955281
TCGA-CV-6952-01A	HNSC	2.428144781	2.448079472	0.170905508
TCGA-SP-A6QI-01A	PCPG	4.831194851	1.311749778	0
TCGA-VS-A8QM-01A	CESC	3.922869242	4.364110091	0.060470573
TCGA-L5-A88T-01A	ESCA	2.926798319	2.176256477	0.110119888
TCGA-KK-A6DY-01A	PRAD	3.66437211	1.171094221	0.051530805
TCGA-VN-A88R-01A	PRAD	3.560500078	2.378568395	0.008315562
TCGA-DD-A73C-01A	LIHC	1.712345271	0.961050959	3.889298176
TCGA-EC-A1NJ-01A	UCEC	3.632010646	2.694461965	0.318824912
TCGA-CW-5584-01A	KIRC	1.828428448	1.671358317	0
TCGA-W5-AA38-01A	CHOL	3.7842182	3.746360441	0.02056999
TCGA-DU-6410-01A	LGG	4.98464377	2.911494377	0.237282466
TCGA-A2-A04W-01A	BRCA	1.963826817	3.400041185	0.006701285
TCGA-3T-AA9L-01A	THYM	5.960196373	4.269518154	3.261921493
TCGA-EJ-8470-01A	PRAD	3.86621179	1.885173014	0.009398743
TCGA-06-0644-01A	GBM	3.017956557	3.909675717	0.057375967
TCGA-AA-3949-01A	COAD	3.838561286	3.161447733	0.064893105
TCGA-E9-A1NC-01A	BRCA	4.009797344	2.921551529	0.059497926
TCGA-FD-A3SM-01A	BLCA	2.825295936	2.121017462	0.132284122
TCGA-GN-A8LN-01A	SKCM	3.553612625	3.602924943	0
TCGA-KT-A74X-01A	LGG	4.666366681	3.072792264	0.11149428
TCGA-EL-A3CP-01A	THCA	3.535205203	1.155039895	0
TCGA-A2-A0CY-01A	BRCA	3.87715924	2.927413921	1.529394045
TCGA-A5-A0GP-01A	UCEC	3.505055965	4.12449206	0.592645803
TCGA-CV-A6JO-01B	HNSC	2.972602383	2.283882514	0.088077014
TCGA-3A-A9IC-01A	PAAD	3.071698961	3.240550823	0.174547108
TCGA-IA-A40U-01A	KIRP	2.91832304	0.906563787	0
TCGA-KK-A6E4-01A	PRAD	3.562680435	1.889981545	0.066205378
TCGA-DD-AACP-01A	LIHC	3.3208081	4.664460754	0.518323667
TCGA-2L-AAQI-01A	PAAD	2.888021241	2.62666909	0.019939933
TCGA-BQ-5876-01A	KIRP	1.467482303	1.479177616	0.058496792
TCGA-A7-A5ZX-01A	BRCA	3.997360387	1.47457568	0.018602171
TCGA-DU-A6S7-01A	LGG	4.687249562	2.660871017	0
TCGA-75-5125-01A	LUAD	3.261983024	4.410670544	0.047032565
TCGA-DX-A1L0-01A	SARC	2.041715532	3.735742061	0.013953311

TCGA-FD-A5BU-01A	BLCA	2.393432008	2.62985597	0.146728733
TCGA-24-1103-01A	OV	4.787849001	4.462565364	0.583220271
TCGA-AY-A54L-01A	COAD	3.343669775	4.008589947	0.955600727
TCGA-E2-A15G-01A	BRCA	3.47155478	2.142006232	0.110856733
TCGA-AP-A1DM-01A	UCEC	3.9358416	3.921569958	0.414998249
TCGA-FY-A40N-01A	THCA	3.377896538	1.352417094	0.021634478
TCGA-DX-A8BT-01A	SARC	3.512851404	3.200980333	0
TCGA-CN-A6V6-01A	HNSC	3.712107555	3.813506449	0.907037951
TCGA-E2-A1IN-01A	BRCA	2.979789464	2.253646572	0.157545454
TCGA-06-2565-01A	GBM	3.7787303	2.97463056	0.375662499
TCGA-F7-A61W-01A	HNSC	3.994733174	3.156801067	0.033066258
TCGA-MA-AA3Y-01A	CESC	4.051717372	3.421861266	1.596608233
TCGA-KS-A4I9-01A	THCA	2.877387477	1.954595617	0.005699216
TCGA-CM-5341-01A	COAD	4.627830664	2.3887092	0.951301305
TCGA-24-2261-01A	OV	4.705126201	4.685219252	0.204501206
TCGA-P3-A6T6-01A	HNSC	4.705268539	4.9435848	0.32269096
TCGA-V5-A7RB-01A	ESCA	3.923057544	3.530882146	1.214623897
TCGA-EW-A1PG-01A	BRCA	3.734889001	0.708115918	0.007973332
TCGA-DD-A4NJ-01A	LIHC	3.192495447	4.277200905	0.276545762
TCGA-DD-A1EH-01A	LIHC	2.78955863	2.524125135	0.027616356
TCGA-AG-A036-01A	READ	4.98738764	4.307618549	0.628356886
TCGA-DJ-A1QE-01A	THCA	1.988587607	2.980192274	0
TCGA-EJ-7788-01A	PRAD	3.161588581	1.927466201	0.168957913
TCGA-06-0125-01A	GBM	4.066268616	3.832645748	1.04877574
TCGA-BG-A221-01A	UCEC	4.030461105	3.486303886	0.448209315
TCGA-W9-A837-01A	LGG	4.085969319	1.727114726	0.062427512
TCGA-YJ-A8SW-01A	PRAD	3.849755992	2.511013628	0.064995203
TCGA-G9-6364-01A	PRAD	2.090523282	1.121007496	0.036791136
TCGA-S4-A8RP-01A	PAAD	3.600285313	2.386623403	0.119202468
TCGA-G9-6348-01A	PRAD	2.403394986	1.001801504	0.025907586
TCGA-AO-A0J2-01A	BRCA	3.546319854	4.474623084	0.035956619
TCGA-10-0931-01A	OV	3.90869471	3.141664036	0.060447889
TCGA-KC-A4BL-01A	PRAD	3.774869161	1.675073656	0.058204674
TCGA-C8-A3M7-01A	BRCA	3.772120977	2.679513138	0.079683548
TCGA-E2-A108-01A	BRCA	2.88734496	2.416130855	0.012676232
TCGA-HT-7684-01A	LGG	4.656482205	1.075285823	0.044879273
TCGA-TQ-A7RR-01A	LGG	4.502595618	2.153003896	0
TCGA-BP-4994-01A	KIRC	3.18675151	1.479064859	0.006839106
TCGA-KN-8421-01A	KICH	3.388930326	2.613295807	0
TCGA-A8-A09E-01A	BRCA	1.305967159	3.709873919	0.02332838
TCGA-HT-7478-01A	LGG	3.632651734	1.904306425	0
TCGA-CZ-5466-01A	KIRC	2.68696068	1.686807704	0.006416264
TCGA-S8-A6BV-01A	ESCA	2.95725111	2.549664409	0.064882142
TCGA-DD-A73A-01A	LIHC	2.629313502	2.005919516	3.086134279

TCGA-MB-A5Y8-01A	SARC	3.324791322	3.977023429	0.011730268
TCGA-VQ-A91Y-01A	STAD	3.520412209	2.423067393	0.139185244
TCGA-85-A4PA-01A	LUSC	4.844293768	4.204140259	1.317584424
TCGA-AD-6965-01A	COAD	4.305288342	4.4174381.385303144	
TCGA-AA-3514-01A	COAD	2.618090827	4.711631329	1.561151096
TCGA-5M-AAT4-01A	COAD	5.087874898	4.591986347	0.693642661
TCGA-CE-A484-01A	THCA	4.312552658	1.94222947	0.051049891
TCGA-VQ-A928-01A	STAD	3.348768305	4.037971876	0.27511073
TCGA-BP-4763-01A	KIRC	2.99273007	1.211659005	0.005495018
TCGA-DX-AB2H-01A	SARC	4.264240793	3.945578705	0.099740093
TCGA-BP-4991-01A	KIRC	3.768927813	1.630205345	2.071028548
TCGA-28-5204-01A	GBM	3.987560832	3.833427768	0.320565823
TCGA-HT-A5RA-01A	LGG	3.320416757	3.401372632	0.268807698
TCGA-UD-AAC7-01A	MESO	4.138432088	3.581770473	0.084261075
TCGA-E2-A1LE-01A	BRCA	3.25460169	3.706952099	0.017102236
TCGA-X7-A8M5-01A	THYM	4.337190235	2.261289686	1.179726797
TCGA-95-A4VK-01A	LUAD	3.519628331	3.361070884	0.594760865
TCGA-AR-A2LL-01A	BRCA	4.01681028	3.377735237	0.143485123
TCGA-61-2008-01A	OV	4.526909716	3.298354926	0.578685791
TCGA-5P-A9K4-01A	KIRP	3.426182219	1.960423482	0.19969263
TCGA-AA-3970-01A	COAD	4.113531716	4.111559791	0.425925918
TCGA-HC-7818-01A	PRAD	3.020767661	0.896497371	0.042096704
TCGA-EJ-A65B-01A	PRAD	2.782704936	1.698897556	0.006591848
TCGA-AK-3453-01A	KIRC	3.305754576	2.271910714	0.020375225
TCGA-A2-A0D1-01A	BRCA	3.664432163	4.073239898	0.041726459
TCGA-YS-A95C-01A	MESO	3.303108156	2.441048653	0.045787061
TCGA-BK-A139-01C	UCEC	4.526158443	2.962790729	0.218829856
TCGA-5P-A9K2-01A	KIRP	2.874337043	1.391087256	0
TCGA-41-4097-01A	GBM	3.258637534	2.529640215	0.06519868
TCGA-FD-A3SS-01A	BLCA	4.034668393	5.167494021	0.154286047
TCGA-R6-A6DN-01B	ESCA	3.999927895	4.51399402	0.091980357
TCGA-DM-A1D0-01A	COAD	3.158037688	4.03314171	0.489201451
TCGA-EY-A1GK-01A	UCEC	3.741272472	2.735950794	0.244150264
TCGA-BH-A0DQ-01A	BRCA	2.685892466	3.018222365	0.084551633
TCGA-G7-6796-01A	KIRP	2.238428073	0.795276984	0
TCGA-AA-3684-01A	COAD	3.394315202	4.091036723	0.798586222
TCGA-XU-AAY0-01A	THYM	4.900067037	4.265914598	2.258703559
TCGA-CN-4727-01A	HNSC	3.591324784	2.027966906	0.006805823
TCGA-DM-A280-01A	COAD	2.771743055	2.85075834	0.210034758
TCGA-D8-A13Y-01A	BRCA	4.452625344	5.831655193	0.319875559
TCGA-S9-A6WL-01A	LGG	4.266673278	3.673093625	0.198777502
TCGA-2G-AAM2-01A	TGCT	4.523816074	5.052857428	2.042526531
TCGA-A2-A0YJ-01A	BRCA	3.117015997	3.536588674	0.255983333
TCGA-FD-A3SQ-01A	BLCA	2.88413036	1.713545973	0.113100902

TCGA-EB-A1NK-01A	SKCM	2.321035666	4.374604725	0.11881646
TCGA-AA-A022-01A	COAD	3.948465611	2.966688086	0.928282641
TCGA-24-1930-01A	OV	3.242165648	4.307099271	0.147232557
TCGA-V5-A7RE-01A	ESCA	4.139059939	4.147688977	0.63668435
TCGA-EA-A3Y4-01A	CESC	4.955555579	3.637569678	1.704778694
TCGA-KL-8328-01A	KICH	2.618161999	3.402569976	0.009552906
TCGA-AO-A12C-01A	BRCA	4.14001627	1.235237422	0.016718347
TCGA-DJ-A13P-01A	THCA	2.660699105	1.436198421	0
TCGA-XU-AAXY-01A	THYM	4.850297507	4.468928438	2.914980474
TCGA-HC-A8D0-01A	PRAD	4.273299391	1.416571441	0.120691398
TCGA-DX-A3LS-01A	SARC	1.972177586	3.137514692	0.8323891
TCGA-AJ-A3BK-01A	UCEC	3.83645405	3.530353439	0.171471686
TCGA-LA-A7SW-01A	LUSC	5.285349902	3.048556241	0.963064607
TCGA-C5-A1BK-01B	CESC	4.565721106	3.779631045	0.0663155
TCGA-DD-A39Z-01A	LIHC	2.259233671	2.539365572	0.16083922
TCGA-31-1953-01A	OV	3.562739933	4.066809911	0.051312443
TCGA-LN-A9FR-01A	ESCA	3.488087986	3.113680824	0.180182202
TCGA-AA-3697-01A	COAD	4.765306562	4.159273359	0.465815915
TCGA-QT-A5XP-01A	PCPG	2.467185673	2.083784943	0.009941996
TCGA-IZ-8195-01A	KIRP	2.265322093	2.288561988	0.007168328
TCGA-DD-AADN-01A	LIHC	3.14988506	3.673438126	0.9947638
TCGA-P5-A72Z-01A	LGG	4.758285162	3.475969584	0.372095243
TCGA-C5-A1ME-01A	CESC	3.978301165	5.23914151	0.348441831
TCGA-FX-A2QS-01A	SARC	2.582686204	3.243068574	0.239279009
TCGA-DJ-A3UR-01A	THCA	3.265565238	1.288990971	0
TCGA-F5-6465-01A	READ	2.747359907	3.074955305	0.715741779
TCGA-50-5944-01A	LUAD	2.045253904	2.210661988	0.0491051
TCGA-F5-6464-01A	READ	2.563411072	2.76296038	0.338271723
TCGA-BH-A0BF-01A	BRCA	4.39430604	2.548303332	0.02173274
TCGA-AG-A016-01A	READ	3.73326888	4.716541805	0.800177943
TCGA-BR-8291-01A	STAD	2.55793903	2.841826642	0.892260623
TCGA-EB-A5SF-01A	SKCM	1.031813666	3.711275065	0.247843318
TCGA-SI-AA8B-01A	SARC	2.993638559	4.544630056	0
TCGA-23-2078-01A	OV	4.663278886	4.47890583	0.11531482
TCGA-VS-A9UP-01A	CESC	5.032257924	5.787453622	1.528392886
TCGA-18-4721-01A	LUSC	3.751627479	2.751581798	0.057115398
TCGA-VS-A9V2-01A	CESC	4.963563845	4.471676438	0.041157561
TCGA-CQ-A4CA-01A	HNSC	3.333913198	3.220287456	0.007072467
TCGA-F4-6461-01A	COAD	3.3196731	3.115111132	0.260821159
TCGA-AF-6136-01A	READ	3.788587658	4.017143586	0.531708314
TCGA-AC-A23E-01A	BRCA	2.535327658	1.521654643	0.019860327
TCGA-O2-A52V-01A	LUSC	3.383962607	3.016138856	0.3811989
TCGA-NK-A5CR-01A	LUSC	4.557064623	3.884316558	0.375390399
TCGA-19-1390-01A	GBM	4.715457892	4.449620566	1.523993205

TCGA-TM-A84G-01A	LGG	4.443854642	1.502242362	0.08163491
TCGA-06-0129-01A	GBM	4.924024809	4.437222879	0.011612176
TCGA-QH-A6X5-01A	LGG	4.281252256	2.380126538	0.036981385
TCGA-D1-A101-01A	UCEC	3.651425263	3.110785069	0.190150297
TCGA-DC-6158-01A	READ	3.057864053	3.843343502	0.111341064
TCGA-56-5897-01A	LUSC	2.569576867	2.469126979	0.028687027
TCGA-IM-A41Y-01A	THCA	3.321168932	2.520917753	0
TCGA-KQ-A41S-01A	BLCA	3.437461255	4.505015669	0.303903862
TCGA-86-8280-01A	LUAD	2.727207406	3.073288089	0.121449855
TCGA-BP-4329-01A	KIRC3	0.040361104	0.622252134	0
TCGA-BP-4993-01A	KIRC2	0.905295311	0.943654544	0
TCGA-DC-6157-01A	READ	4.467354966	3.929593296	0.322041606
TCGA-B5-A3FB-01A	UCEC	4.363273896	5.012022245	1.057245604
TCGA-CD-8534-01A	STAD	3.431516457	3.091603596	0.312412562
TCGA-D7-8574-01A	STAD	2.95079329	1.963356109	0.607968823
TCGA-RC-A6M5-01A	LIHC	2.007921416	0.506136367	0
TCGA-BP-4351-01A	KIRC4	0.000073897	1.948462087	0.271449134
TCGA-LQ-A4E4-01A	BRCA	3.022315612	3.843909159	0.145837478
TCGA-50-5045-01A	LUAD	3.292555399	2.544057875	0.086808588
TCGA-2A-A8W3-01A	PRAD	3.473029156	1.902931542	0.057556128
TCGA-M7-A722-01A	PRAD	4.156107739	2.276586593	0.373673338
TCGA-GR-A4D5-01A	DLBC	4.837689992	4.388307076	0.767329154
TCGA-66-2763-01A	LUSC	4.904871154	3.729600882	0.152714287
TCGA-P3-A6T3-01A	HNSC	3.247121581	1.692988391	0.178273197
TCGA-44-5645-01A	LUAD	2.74817707	1.837380369	0.05321933
TCGA-DK-A1A7-01A	BLCA	2.980956244	2.678512476	0.627269575
TCGA-AP-A0LH-01A	UCEC	4.291201329	3.378976198	0.423443154
TCGA-2Y-A9H5-01A	LIHC	2.764849001	2.034454596	0.117197549
TCGA-FD-A3SO-01A	BLCA	3.961609303	4.545660963	1.52159042
TCGA-VQ-A8PP-01A	STAD	3.474471372	2.61596293	0.305276967
TCGA-63-A5M9-01A	LUSC	4.400939318	4.661814513	0.079804976
TCGA-AF-3911-01A	READ	4.159726646	4.652843793	0.494788244
TCGA-RY-A83Z-01A	LGG	4.656620535	4.320639146	0.00737633
TCGA-FF-8047-01A	DLBC	4.729474176	5.385537016	1.715876024
TCGA-A6-2684-01C	COAD	4.561880583	1.368081675	0.042519021
TCGA-AA-3982-01A	COAD	4.267212642	4.318970469	0.138681423
TCGA-E2-A15S-01A	BRCA	4.413741954	4.909575387	0.374991819
TCGA-X7-A8DD-01A	THYM	5.057065364	4.713693908	3.146399102
TCGA-BR-7715-01A	STAD	3.777517634	4.493320215	0.371091676
TCGA-MM-A84U-01A	KIRC3	0.099093083	1.920491661	0.041571277
TCGA-KL-8329-01A	KICH	2.542015826	1.943470063	0
TCGA-EP-A3RK-01A	LIHC	2.160287428	4.132183923	0.042506147
TCGA-AP-A0LP-01A	UCEC	3.895651188	2.516128497	0.203141245
TCGA-BK-A6W4-01A	UCEC	4.605306383	2.952128923	1.130106644

TCGA-ED-A66Y-01A	LIHC	3.686781407	3.078424889	0.158639257
TCGA-WC-A88A-01A	UVM	4.14508275	1.512213677	0.021053117
TCGA-DJ-A3UQ-01A	THCA	2.68497741	2.325017545	0
TCGA-AP-A0LS-01A	UCEC	3.617505795	3.321826298	0.445839551
TCGA-NC-A5HG-01A	LUSC	4.573034522	3.904510941	0.113197232
TCGA-B6-A0IE-01A	BRCA	4.037478185	2.933604999	0.07161415
TCGA-KC-A7FA-01A	PRAD	4.095083096	1.058843742	0.263212909
TCGA-KK-A8IA-01A	PRAD	4.191153011	2.390279973	0.044430444
TCGA-A6-5666-01A	COAD	4.075525413	3.68183399	0.200209616
TCGA-BH-A1EO-01A	BRCA	2.473424834	1.932819848	0.008263911
TCGA-FS-A1ZN-01A	SKCM	2.894103047	2.844706655	0.07556668
TCGA-BP-4352-01A	KIRC	4.957379085	3.022813613	0.009443627
TCGA-E3-A3DZ-01A	THCA	3.070256006	2.926264895	0.005254669
TCGA-22-5477-01A	LUSC	3.852261656	4.487592138	0.354802655
TCGA-EI-6512-01A	READ	3.192157415	4.492938244	0.219810562
TCGA-HT-7476-01A	LGG	3.65616742	2.503183991	0
TCGA-CE-A3MD-01A	THCA	3.146872791	2.91804062	0
TCGA-D7-8573-01A	STAD	3.149120942	3.559997144	0.119811875
TCGA-IS-A3K8-01A	SARC	3.830232954	3.211085856	0
TCGA-EL-A3CY-01A	THCA	3.362301599	1.839276589	0.059861666
TCGA-C8-A134-01A	BRCA	4.53121301	5.241978264	0.003325169
TCGA-BG-A0MT-01A	UCEC	3.564148213	2.774739534	0.148385978
TCGA-93-A4JO-01A	LUAD	5.448116541	5.146441152	0.60840219
TCGA-92-8063-01A	LUSC	3.651394335	3.648698034	0.55570249
TCGA-GV-A3JV-01A	BLCA	3.633979542	3.809913322	0.133046394
TCGA-4A-A93Y-01A	KIRP	2.513813886	1.537451906	0.005871664
TCGA-NA-A4QX-01A	UCS	4.776723911	4.266678997	0.400872834
TCGA-56-8304-01A	LUSC	4.417826647	2.726134497	0.6771553
TCGA-G2-AA3D-01A	BLCA	4.364674844	4.365005175	0.014540846
TCGA-BR-8483-01A	STAD	3.72296644	3.864180966	0.131238794
TCGA-B6-A0I6-01A	BRCA	4.803887633	5.038260723	2.721311819
TCGA-06-0174-01A	GBM	4.040924431	4.442186184	0.426496189
TCGA-24-1434-01A	OV	2.841697075	4.014524097	0.055018054
TCGA-BQ-7045-01A	KIRP	2.149516043	0.423889327	0
TCGA-V1-A9O7-01A	PRAD	3.633653504	1.561338377	0.110991569
TCGA-BH-A0DH-01A	BRCA	1.980938249	3.659005195	0.011190554
TCGA-A2-A0CQ-01A	BRCA	3.290813172	2.237155193	0.028488711
TCGA-V4-A9F1-01A	UVM	3.750134081	2.659790326	0.02458867
TCGA-DX-AB2L-01A	SARC	1.823861944	1.532508432	0
TCGA-B8-A54G-01A	KIRC	3.761283916	2.194162749	0.014060895
TCGA-J8-A4HW-01A	THCA	3.296339626	2.405050869	0.005185655
TCGA-66-2778-01A	LUSC	2.817547685	2.765013256	0.073996568
TCGA-14-0871-01A	GBM	5.59194043	3.826810064	0.187956068
TCGA-RC-A7SF-01A	LIHC	2.404471958	2.878189965	0.321049535

TCGA-EW-A1P8-01A	BRCA	4.459363723	4.201471515	0.083378955
TCGA-05-5420-01A	LUAD	4.62743712	2.226256192	0.162498844
TCGA-BL-A13J-01B	BLCA	5.171246452	2.013910995	0.907589326
TCGA-A8-A099-01A	BRCA	2.385782201	2.574453409	0.013541163
TCGA-VR-A8EZ-01A	ESCA	5.247563316	4.297192711	0.9253543
TCGA-DH-5140-01A	LGG	3.801841842	3.726795376	0.004753479
TCGA-BH-A0EE-01A	BRCA	3.15901096	3.405311001	0.043693899
TCGA-AX-A2H8-01A	UCEC	4.563548569	3.171062093	1.466350651
TCGA-AC-A62X-01A	BRCA	3.848519196	4.474460131	0.065555378
TCGA-ES-A2HT-01A	LIHC	0.884772574	0.97945208	0.048847758
TCGA-AN-A0AK-01A	BRCA	2.944206966	3.990182614	0.102085908
TCGA-EJ-8474-01A	PRAD	3.925029167	1.476909206	0.042030825
TCGA-GU-A764-01A	BLCA	4.370370382	4.283994323	0.141064419
TCGA-R6-A8W5-01B	ESCA	4.389734062	3.591594144	3.039603396
TCGA-44-7667-01A	LUAD	2.651146244	5.417808405	0.705734983
TCGA-FU-A2QG-01A	CESC	4.160697334	3.715932973	0.414446889
TCGA-D6-6827-01A	HNSC	5.129738749	3.495095058	0.21868668
TCGA-FB-AAQ2-01A	PAAD	3.938560451	3.622829538	0.073356977
TCGA-S7-A7WO-01A	PCPG	2.561024282	2.787141222	0.007310919
TCGA-ET-A39J-01A	THCA	2.622614977	2.171499969	0
TCGA-KL-8341-01A	KICH	3.342332307	3.563159901	4.752256685
TCGA-EM-A3AP-01A	THCA	2.336918539	2.128833527	0
TCGA-58-8391-01A	LUSC	3.815795367	3.878808367	0.183751579
TCGA-66-2790-01A	LUSC	3.742331538	3.239384944	0.257370951
TCGA-77-8148-01A	LUSC	4.504113552	4.230118608	0.967313324
TCGA-IB-7890-01A	PAAD	2.425217075	2.734666737	0
TCGA-EM-A1CS-01A	THCA	2.68046274	1.749678397	0
TCGA-3U-A98E-01A	MESO	4.014599813	1.647726452	0.082459281
TCGA-E7-A5KE-01A	BLCA	5.149262394	5.089825184	0.484436234
TCGA-D8-A1JA-01A	BRCA	2.843655385	1.920219823	0
TCGA-D5-6531-01A	COAD	3.865906465	4.048000666	0.113644124
TCGA-75-6211-01A	LUAD	3.345245735	4.010386691	0.628935508
TCGA-DK-A1AB-01A	BLCA	3.106230365	1.811104616	0.084964262
TCGA-55-7570-01A	LUAD	4.486642209	4.197645506	1.944988823
TCGA-W2-A7HH-01A	PCPG	4.005498599	1.404928347	0
TCGA-UT-A88C-01B	MESO	3.195563901	2.813324807	0.030462452
TCGA-5B-A90C-01A	UCEC	4.697602982	4.414826138	0.564624119
TCGA-58-A46N-01A	LUSC	3.608072842	3.637486108	0.116351818
TCGA-DK-A1AC-01A	BLCA	5.15322303	4.829811906	0.417444385
TCGA-K6-A3WQ-01A	UCEC	4.824264657	3.325378698	0.204537672
TCGA-AP-A1DK-01A	UCEC	4.60698956	4.346024996	0.791216796
TCGA-IW-A3M6-01A	SARC	2.729337833	3.635669706	0
TCGA-A7-A13F-01A	BRCA	2.306761067	3.801106537	0.039311788
TCGA-23-2077-01A	OV	3.915730656	3.804433509	0.780508936

TCGA-QH-A6X3-01A	LGG	4.975167705	2.193060028	0
TCGA-CM-4750-01A	COAD	3.69824582	4.489310331	0.75280031
TCGA-FY-A76V-01A	THCA	2.77162061	2.0933437	0
TCGA-13-0891-01A	OV	4.117390882	4.730212633	0.137476435
TCGA-61-2000-01A	OV	4.723173501	3.715240133	0.805110696
TCGA-WS-AB45-01A	COAD	2.113451708	3.167196872	0.20399725
TCGA-4K-AA1I-01A	TGCT	4.183449777	3.941038767	0.352664138
TCGA-DJ-A4V0-01A	THCA	2.8985977	1.429196148	0.025939242
TCGA-B7-A5TI-01A	STAD	2.982990236	3.998993226	0.296968965
TCGA-EB-A550-01A	SKCM	3.880092858	2.38385334	0.013039
TCGA-CR-6473-01A	HNSC	4.843486142	5.953482792	0.692609395
TCGA-B0-5702-01A	KIRC1	0.03768288	2.615987466	0
TCGA-SR-A6MQ-01A	PCPG	3.913221508	1.747279021	0
TCGA-WQ-A9G7-01A	LIHC	4.597727371	3.723135164	0.612569601
TCGA-66-2744-01A	LUSC	3.708049641	3.325874612	0.107680157
TCGA-DX-AATS-01A	SARC	3.510459659	4.638495877	0.014611667
TCGA-55-8301-01A	LUAD	3.826999566	3.780939771	0.370443309
TCGA-B0-5696-01A	KIRC1	0.973867545	1.960193241	0.02341768
TCGA-ZM-AA0B-01A	TGCT	5.476594294	4.613003558	0.648861103
TCGA-EJ-A7NH-01A	PRAD	3.867943989	1.366669325	0.208702438
TCGA-ED-A7PX-01A	LIHC	3.445486177	2.827937713	0.007169574
TCGA-EA-A411-01A	CESC	4.139735954	4.351312402	0.338648527
TCGA-IB-AAUT-01A	PAAD	3.226541049	1.044733252	0.040590233
TCGA-BG-A3EW-01A	UCEC	4.150728403	3.452029126	0.35114447
TCGA-BH-A0BM-01A	BRCA	3.025605703	0.805580286	0
TCGA-BT-A2LA-01A	BLCA	3.74840548	4.647200381	0.839119311
TCGA-XF-A8HG-01A	BLCA	4.736769909	2.786778176	0.126015364
TCGA-50-5939-01A	LUAD	2.440703882	3.130646149	0.020090276
TCGA-AZ-4323-01A	COAD	3.821232585	3.811919993	1.680987751
TCGA-ZF-A9RD-01A	BLCA	3.611673001	3.331199387	0.084412483
TCGA-FP-7829-01A	STAD	3.482269959	3.854100403	0.345214617
TCGA-FE-A239-01A	THCA	1.835861795	2.390418513	0.066199406
TCGA-3H-AB3K-01A	MESO	4.335050268	2.714312469	0.014826784
TCGA-37-4133-01A	LUSC	3.986556086	3.376300237	0.037876073
TCGA-VN-A943-01A	PRAD	3.188269116	1.390118744	0.031102788
TCGA-95-7562-01A	LUAD	2.653409872	5.35947928	0.212568448
TCGA-XE-A8H4-01A	TGCT	4.077015713	4.762011243	0.570665999
TCGA-FG-7636-01A	LGG	3.937620418	2.006293506	0
TCGA-06-2562-01A	GBM	3.965078277	3.253767687	0.274851135
TCGA-24-0968-01A	OV	3.770732637	4.366260065	0.123371938
TCGA-DQ-5631-01A	HNSC	3.411172365	3.494153694	0.110199055
TCGA-CL-5918-01A	READ	4.030593992	4.826515028	0.957280273
TCGA-22-1000-01A	LUSC	3.051451716	2.353024259	0.121055914
TCGA-BG-A0RY-01A	UCEC	3.153021736	1.949613531	0.039915216

TCGA-77-8153-01A	LUSC	4.191896568	4.871872272	0.89161484
TCGA-DD-A4NQ-01A	LIHC	2.814675141	2.592845759	0.195941761
TCGA-EJ-5530-01A	PRAD	3.126613253	1.40754595	0.065702047
TCGA-ZF-AA4V-01A	BLCA	4.199265696	3.610532576	4.443414687
TCGA-EK-A2R8-01A	CESC	4.539352539	4.31083789	0.604128494
TCGA-EW-A1J3-01A	BRCA	4.276579512	2.928689884	0.026315754
TCGA-AR-A0U0-01A	BRCA	4.363884787	3.197163085	0.211945276
TCGA-EB-A5SE-01A	SKCM	2.840681024	3.635398969	0.233453711
TCGA-62-8395-01A	LUAD	2.546567851	3.342964502	0.0995881
TCGA-63-A5MN-01A	LUSC	3.671904593	2.868494967	0.013979959
TCGA-EB-A3XD-01A	SKCM	2.402318716	3.221891642	0.05368416
TCGA-MT-A67D-01A	HNSC	3.955919742	3.138103948	0.125065482
TCGA-AG-3885-01A	READ	2.752223599	4.498421347	1.089320697
TCGA-KC-A4BV-01A	PRAD	3.104431711	1.540772318	0.031941948
TCGA-EL-A3MX-01A	THCA	4.671990556	1.894237326	0.281215182
TCGA-13-1411-01A	OV	3.377927057	3.308240116	0.133480735
TCGA-FG-A87N-01A	LGG	4.267835676	3.787945002	0.029141142
TCGA-BP-5180-01A	KIRC2	8.29451271	1.758437936	0.017859619
TCGA-BH-A0DI-01A	BRCA	2.27067745	1.494105423	0.005519948
TCGA-FF-A7CX-01A	DLBC	5.490924392	5.343851578	1.706886771
TCGA-NF-A4WX-01A	UCS	6.055650966	4.164885108	0.308650352
TCGA-BB-A6UM-01A	HNSC	4.02831476	4.603916302	0
TCGA-ZF-AA5H-01A	BLCA	3.570255016	5.084542422	0.659989428
TCGA-44-7659-01A	LUAD	3.513054098	2.601672722	0.234976268
TCGA-CJ-4882-01A	KIRC3	6.85867905	2.357808129	0.116402317
TCGA-CM-4752-01A	COAD	3.49641403	4.34644943	0.746503294
TCGA-B5-A11O-01A	UCEC	2.938907442	2.376201152	0.060357274
TCGA-B0-4688-01A	KIRC3	7.940911	3.624758916	0
TCGA-75-7025-01A	LUAD	3.177735456	1.401492351	0.020006947
TCGA-3B-A9HL-01A	SARC	3.001235611	4.711059616	0
TCGA-2L-AAQL-01A	PAAD	2.066895456	2.613035018	0.04119833
TCGA-BP-4781-01A	KIRC2	7.23746021	1.495196445	0
TCGA-AF-6655-01A	READ	4.214351095	4.912045764	0.903143968
TCGA-CV-5439-01A	HNSC	2.948683817	2.322817793	0.273475719
TCGA-CV-A463-01A	HNSC	4.083452738	2.31699276	0.105698103
TCGA-A6-A567-01A	COAD	3.656010247	3.484292612	0.393295969
TCGA-90-A4EE-01A	LUSC	5.393176758	4.598205383	0.505144207
TCGA-HD-7753-01A	HNSC	2.824086589	2.626335236	0
TCGA-C5-A8YT-01A	CESC	4.035221334	3.670181009	0.290465555
TCGA-EY-A72D-01A	UCEC	4.198038381	4.461496094	0.091168651
TCGA-EA-A5ZD-01A	CESC	4.607469927	3.79006025	0.110064531
TCGA-A8-A09D-01A	BRCA	3.28317975	2.725426037	0.091086496
TCGA-C5-A2LX-01A	CESC	4.804652643	5.225320195	0.657127305
TCGA-L5-A8NW-01A	ESCA	3.603275213	3.389173854	0.112347821

TCGA-CM-6165-01A	COAD	3.340231385	3.708342773	0.083863082
TCGA-DJ-A3UP-01A	THCA	3.371386491	1.45507319	0
TCGA-HC-8265-01A	PRAD	4.190096208	1.724270514	0.215632764
TCGA-ZP-A9CV-01A	LIHC	1.724902029	1.730327106	0.320281033
TCGA-AX-A1CJ-01A	UCEC	4.42953215	2.263364338	0.418470658
TCGA-69-8254-01A	LUAD	2.335092745	2.086991427	0.034306968
TCGA-X6-A8C2-01A	SARC	2.524711569	4.339686017	0.011915178
TCGA-D1-A3DG-01A	UCEC	3.231648658	5.757156281	0.44100097
TCGA-QK-A652-01A	HNSC	3.990106122	2.541920993	0.166058744
TCGA-CC-A7IF-01A	LIHC	2.839094601	4.612749072	0.056681713
TCGA-DS-A1O9-01A	CESC	3.046183877	3.736137895	0.010264998
TCGA-EY-A2ON-01A	UCEC	4.209306025	3.792681294	0.299234227
TCGA-04-1655-01A	OV	4.045845472	3.021025538	0.072031749
TCGA-QH-A6XA-01A	LGG	4.053821053	2.08694619	0.024058543
TCGA-E9-A2JS-01A	BRCA	3.547043664	4.558603438	0.071681557
TCGA-24-1435-01A	OV	3.782087277	4.572363498	0.128667658
TCGA-E6-A1LZ-01A	UCEC	4.567066644	4.184544936	0.708785661
TCGA-R6-A6XG-01B	ESCA	3.679079693	3.467627629	0.788370676
TCGA-DX-A3U6-01A	SARC	3.527715016	1.830920722	0.040952828
TCGA-A4-8310-01A	KIRP	2.289052466	3.283848112	0
TCGA-AA-3544-01A	COAD	5.265234369	4.642279739	0.160042479
TCGA-C5-A7CO-01A	CESC	5.042004227	4.987064077	0.165084049
TCGA-CV-6960-01A	HNSC	4.188001613	2.806157409	0.147801489
TCGA-5C-AAPD-01A	LIHC	2.086851369	3.744526929	3.340920982
TCGA-BR-7717-01A	STAD	2.801338581	2.843630721	0.647183516
TCGA-3A-A9IV-01A	PAAD	3.332429899	1.984944932	0
TCGA-AD-6890-01A	COAD	4.50858297	4.210575695	0.541822129
TCGA-DJ-A13O-01A	THCA	3.051827782	2.342609306	0.002988122
TCGA-B3-8121-01A	KIRP	2.867223024	1.321709572	0
TCGA-ZF-AA52-01A	BLCA	2.941050978	4.897838728	0.362618293
TCGA-MP-A5C7-01A	LUAD	3.831956865	2.533562134	0.209123896
TCGA-97-8174-01A	LUAD	2.568531683	3.135605603	0.010533179
TCGA-FY-A3TY-01A	THCA	3.081256414	1.554345375	0.021385341
TCGA-CR-7380-01A	HNSC	1.817548092	2.596030264	0.309283508
TCGA-A8-A06Y-01A	BRCA	3.482734146	2.030340953	0.006174934
TCGA-24-1924-01A	OV	4.33588686	4.325785865	0.357213286
TCGA-BP-5169-01A	KIRC	3.0977736	1.794031482	0.023353419
TCGA-DH-A66D-01A	LGG	4.809318491	2.136816522	0
TCGA-FC-7961-01A	PRAD	3.175083487	2.800537632	0
TCGA-AK-3461-01A	KIRC	3.557829115	1.168244964	0.020908575
TCGA-91-8496-01A	LUAD	3.221632693	1.879601185	0.00912539
TCGA-MQ-A4LI-01A	MESO	3.014040004	1.947683433	0.012230642
TCGA-AA-A02F-01A	COAD	3.812376923	4.021672668	1.074079245
TCGA-A2-A1G4-01A	BRCA	2.726846535	3.418689955	0.01178221

TCGA-C8-A12Q-01A	BRCA	2.513891277	3.450303663	0.096990602
TCGA-EJ-A46I-01A	PRAD	3.490518127	1.357710405	0.008524092
TCGA-B5-A11W-01A	UCEC	3.866834692	2.353243831	0.614086474
TCGA-LG-A6GG-01A	LIHC	2.477820399	2.841394206	0.272973202
TCGA-ET-A3DW-01A	THCA	2.592554486	1.766227719	0.027235659
TCGA-CQ-7063-01A	HNSC	2.688421963	2.323837159	0.092192821
TCGA-AA-3713-01A	COAD	4.234025246	4.155602858	0.47485827
TCGA-V1-A9OA-01A	PRAD	3.77088877	1.233201333	0.045621228
TCGA-NF-A5CP-01A	UCS	3.321023524	4.192660185	0.068388455
TCGA-D1-A16X-01A	UCEC	2.813113205	3.461847355	0.49282904
TCGA-ZB-A963-01A	THYM	5.146731861	3.820925328	2.546938182
TCGA-BP-5168-01A	KIRC	2.690728519	1.423949887	0
TCGA-VR-AA7I-01A	ESCA	3.774084691	3.060686642	0.034131671
TCGA-13-1407-01A	OV	4.988143711	4.38751944	0.686901105
TCGA-DJ-A1QF-01A	THCA	2.154954696	1.828176268	0
TCGA-DD-A4NS-01A	LIHC	2.559554196	1.681178247	0.048502366
TCGA-AG-A01Y-01A	READ	5.39833354	4.340309297	2.580316488
TCGA-PL-A8LV-01A	BRCA	4.259745984	4.28404161	0.125740225
TCGA-EM-A2P3-01A	THCA	3.112636148	2.309645083	0
TCGA-Z6-A8JD-01A	ESCA	4.148195958	2.768806596	0.151023444
TCGA-DI-A2QT-01A	UCEC	3.984872654	3.892368292	0.475217384
TCGA-AR-A252-01A	BRCA	3.046091186	1.445711951	0
TCGA-D3-A5GT-01A	SKCM	4.332774628	3.489980509	0.245643883
TCGA-22-4609-01A	LUSC	2.8031465	2.695222635	0.052937643
TCGA-23-1118-01A	OV	4.98349091	3.607697826	0.138714597
TCGA-EK-A2IP-01A	CESC	4.747658127	4.022529186	0.110951882
TCGA-EM-A3AL-01A	THCA	3.241072667	3.099701451	0
TCGA-QK-A8Z8-01A	HNSC	3.676784401	3.422141084	0.167050503
TCGA-D1-A2G6-01A	UCEC	3.241228246	2.068306501	0.239083454
TCGA-AL-3466-01A	KIRP	4.123417556	2.736302889	0.532379719
TCGA-85-8277-01A	LUSC	4.663692066	4.579440787	0.130336233
TCGA-WC-A882-01A	UVM	4.224444469	2.093990354	0
TCGA-EJ-A46F-01A	PRAD	3.738869742	2.411910698	0.131116173
TCGA-AA-3852-01A	COAD	3.782646779	3.425746498	0.615367445
TCGA-FY-A3NP-01A	THCA	2.011727096	1.889593091	0
TCGA-B0-5693-01A	KIRC	3.3546592	4.78770722	0.017435317
TCGA-S9-A6UA-01A	LGG	3.468778836	3.584150468	0.005058853
TCGA-B6-A402-01A	BRCA	4.849445238	4.632151681	0.51424794
TCGA-51-4081-01A	LUSC	3.978587157	3.743580544	0.152527064
TCGA-GM-A3XL-01A	BRCA	5.029405465	5.409654113	1.280513271
TCGA-VQ-A91Z-01A	STAD	3.511916622	4.985387771	0.176795668
TCGA-XF-A8HE-01A	BLCA	4.708675019	3.536741931	0.910620245
TCGA-X7-A8M4-01A	THYM	5.277849431	4.472892335	2.457254233
TCGA-4V-A9QN-01A	THYM	2.432981374	2.852547285	2.085921031

TCGA-DD-A73E-01A	LIHC	2.076010929	2.01084646	0.014125201
TCGA-77-8145-01A	LUSC	3.410616299	3.006939051	0.25100939
TCGA-OK-A5Q2-01A	BRCA	3.658404201	3.400872075	0.155397734
TCGA-YL-A9WJ-01A	PRAD	3.566032533	1.931137422	0.049053852
TCGA-AA-3831-01A	COAD	4.02591583	3.42643618	1.377605958
TCGA-DX-A8BL-01A	SARC	3.681301636	5.527483906	0.04546949
TCGA-FC-A6HD-01A	PRAD	3.759205748	2.808105446	0.276588315
TCGA-OR-A5K4-01A	ACC	2.149605034	5.737650148	0
TCGA-24-1474-01A	OV	4.30066239	5.67464567	0.412756047
TCGA-2Y-A9H1-01A	LIHC	1.760682022	0.61932522	0.182178973
TCGA-13-1512-01A	OV	2.663055233	4.046615467	0.143496032
TCGA-93-A4JP-01A	LUAD	3.04018333	4.467749831	0.068362241
TCGA-B4-5836-01A	KIRC	2.048318707	1.765478673	0.633148714
TCGA-P4-AAVK-01A	KIRP	2.065646656	2.509641408	0.005192766
TCGA-29-1696-01A	OV	4.791286474	1.595533975	0.335872379
TCGA-KC-A7F6-01A	PRAD	3.936245258	1.715605756	0.113191077
TCGA-ET-A3BN-01A	THCA	2.551511954	1.843478064	0
TCGA-BH-A0W3-01A	BRCA	3.660753134	3.99481688	0.156474932
TCGA-B0-5120-01A	KIRC	3.525681491	2.996219181	0.081564538
TCGA-AJ-A5DW-01A	UCEC	4.763217178	3.454939527	0.409165499
TCGA-77-8140-01A	LUSC	4.6681722	7.32058753	1.341375009
TCGA-WB-A81W-01A	PCPG	2.934946067	2.067930643	0.313571584
TCGA-MQ-A4LM-01A	MESO	3.993567461	3.377833041	0.177360556
TCGA-CV-A461-01A	HNSC	3.826334313	2.901194936	0.156101059
TCGA-G9-6339-01A	PRAD	3.109688109	1.039451349	0.049828431
TCGA-CC-A7IL-01A	LIHC	2.156204037	3.273613753	0.419221678
TCGA-CR-6491-01A	HNSC	2.608469378	2.141716986	0.005154928
TCGA-TQ-A7RJ-01A	LGG	4.532402114	1.834445199	0
TCGA-CM-4746-01A	COAD	3.215983028	4.229187635	0.135721064
TCGA-3X-AAVC-01A	CHOL	3.055482439	2.991582716	0.151091451
TCGA-B8-4620-01A	KIRC	4.155581515	1.62223627	0.015600344
TCGA-E2-A3DX-01A	BRCA	3.126189303	1.899086269	0.023227362
TCGA-CV-5443-01A	HNSC	4.295636068	5.871744788	0.540255805
TCGA-A5-A0GI-01A	UCEC	3.735763566	2.9306047	0.943457781
TCGA-AA-3532-01A	COAD	3.219061486	3.748428842	0.577281644
TCGA-EL-A3D6-01A	THCA	2.570162934	2.139336749	0
TCGA-73-4658-01A	LUAD	2.012833237	2.3521977	0.015892775
TCGA-BG-A0M3-01A	UCEC	4.065813141	2.59310876	2.852634615
TCGA-B9-A69E-01A	KIRP	2.817410487	1.825512517	0
TCGA-DK-A3IN-01A	BLCA	2.902047777	4.005181911	0.679681864
TCGA-13-0797-01A	OV	5.118414622	5.188889319	0.187227469
TCGA-B2-3924-01A	KIRC	3.469421749	2.044463284	0.002773783
TCGA-CK-5912-01A	COAD	2.896414047	4.121416572	0.429294861
TCGA-E2-A1LK-01A	BRCA	4.556656158	3.734746862	0.353269666

TCGA-XF-AAML-01A	BLCA	4.888989921	5.698475767	0.736542498
TCGA-YL-A8SA-01A	PRAD	3.186069608	1.350206889	0.022274439
TCGA-06-5859-01A	GBM	2.972157049	4.210639749	0.129047834
TCGA-CV-7418-01A	HNSC	3.590990352	3.341294616	0.940369443
TCGA-CC-5261-01A	LIHC	2.775796604	4.266975037	0.084389978
TCGA-VQ-A8PB-01A	STAD	4.069828071	3.248549464	0.578928683
TCGA-BR-8059-01A	STAD	2.16204009	3.242123361	0.229460342
TCGA-38-A44F-01A	LUAD	3.555556302	2.14005709	0.055304733
TCGA-XD-AAUG-01A	PAAD	2.945397625	0.905501904	0
TCGA-C8-A12U-01A	BRCA	3.167033189	4.220772498	0.044937081
TCGA-H7-8502-01A	HNSC	4.235758376	2.873793091	0.041159655
TCGA-AA-3989-01A	COAD	3.934471066	3.532467584	1.449351678
TCGA-BR-8678-01A	STAD	4.6074093	4.953989578	0.632859502
TCGA-HT-7475-01A	LGG	3.812793186	2.977067089	0.009378649
TCGA-V4-A9EK-01A	UVM	4.209628263	1.659949923	0.007874717
TCGA-EM-A22Q-01A	THCA	2.220835271	2.484467988	0
TCGA-HE-A5NJ-01A	KIRP	3.210975837	2.640938121	0.560431815
TCGA-DH-A66G-01A	LGG	3.469844713	1.827627198	0
TCGA-ET-A3DO-01A	THCA	3.069989542	2.682574046	0.005820474
TCGA-CV-A6JZ-01A	HNSC	3.999862481	4.383831566	0.370098314
TCGA-FD-A6TD-01A	BLCA	3.869622916	3.717491802	0.522037403
TCGA-CH-5737-01A	PRAD	1.968759669	1.159189357	0.00465344
TCGA-A2-A4RW-01A	BRCA	3.613180859	2.204199921	0.064402984
TCGA-39-5022-01A	LUSC	3.033831291	3.727846215	0.080169725
TCGA-CV-A6JY-01A	HNSC	3.415239139	2.768570188	0.084396688
TCGA-G9-6343-01A	PRAD	2.145287693	1.455085006	0.026066971
TCGA-63-A5MW-01A	LUSC	5.090277903	3.964791934	0.47182763
TCGA-EW-A1OV-01A	BRCA	4.092488787	3.472348991	0.145381417
TCGA-GM-A2DK-01A	BRCA	2.522307687	2.472765815	0.042269514
TCGA-BG-A0M6-01A	UCEC	3.221538562	4.894678036	0.672348966
TCGA-CJ-4634-01A	KIRC	2.976861364	1.264357177	0.010927836
TCGA-UF-A71E-01A	HNSC	3.591222281	4.099275431	0.070304625
TCGA-N5-A4RU-01A	UCS	3.427851248	3.569355123	0.049035263
TCGA-13-1506-01A	OV	4.544568626	4.601747412	0.572939588
TCGA-CV-A6K1-01A	HNSC	4.367367166	2.808607096	0.138794644
TCGA-AA-3972-01A	COAD	4.338872437	3.905761282	0.729151506
TCGA-B5-A0K2-01A	UCEC	1.598698283	2.284702392	0.016110444
TCGA-K1-A42X-01A	SARC	3.83863329	3.311069482	0
TCGA-K4-A5RH-01A	BLCA	3.174705728	5.396776907	0.179086359
TCGA-B5-A0JZ-01A	UCEC	3.701652855	3.658376423	0.690970582
TCGA-DX-A3LT-01A	SARC	2.386878892	3.964452877	0.005417055
TCGA-ZJ-AAXJ-01A	CESC	4.978707906	3.55875064	0.202523815
TCGA-IG-A97I-01A	ESCA	3.699499547	3.203396193	0.070391187
TCGA-HC-7749-01A	PRAD	3.054666927	0.948672237	0.032336345

TCGA-FB-AAQ0-01A	PAAD	5.24541543	1.783416032	0.181566124
TCGA-E1-A7YL-01A	LGG	3.915970032	4.80607837	0.646950719
TCGA-SP-A6QF-01A	PCPG	3.393382699	2.271018121	0
TCGA-DD-AAEI-01A	LIHC	2.314116921	2.518606608	0.189503865
TCGA-UY-A9PF-01A	BLCA	3.56544328	2.632142182	0.258621972
TCGA-CV-7437-01A	HNSC	3.735207245	2.636735132	0.042907209
TCGA-BR-8364-01A	STAD	2.151953729	1.904880147	0.07914952
TCGA-DX-A48R-01A	SARC	3.366502981	6.095086729	0
TCGA-2G-AAFV-01A	TGCT	4.431935642	4.122491138	0.554878052
TCGA-DU-5872-01A	LGG	3.476498302	1.840404981	0.004530366
TCGA-CV-A6K0-01B	HNSC	3.706031755	2.888237838	0.214090721
TCGA-AQ-A1H2-01A	BRCA	3.357132742	2.864404955	0.035349604
TCGA-CW-5581-01A	KIRC	1.564575413	1.720343308	0.009369919
TCGA-DJ-A3UN-01A	THCA	3.483397132	2.298663989	0
TCGA-DI-A2QU-01A	UCEC	4.358968056	4.804627832	1.075665252
TCGA-EY-A1GO-01A	UCEC	3.892728708	3.81990152	0.024842985
TCGA-19-2624-01A	GBM	4.743743983	5.008740462	0.378551626
TCGA-HD-A633-01A	HNSC	3.994964323	3.151414677	0.0495367
TCGA-EL-A3N2-01A	THCA	2.926894274	2.10556984	0
TCGA-VS-A9V1-01A	CESC	3.865805178	5.315068057	0.182019149
TCGA-VS-A8EL-01A	CESC	4.153127043	4.439943719	0.096927818
TCGA-CS-5397-01A	LGG	2.614148616	3.030536215	0.068116779
TCGA-FF-8061-01A	DLBC	4.79109863	5.263659669	0.695512437
TCGA-A2-A1G0-01A	BRCA	3.140334282	1.626558173	0.070111677
TCGA-EB-A4XL-01A	SKCM	4.835317127	3.43936787	0.721098401
TCGA-DU-6403-01A	LGG	3.180975904	3.885275953	0.344747938
TCGA-VR-A8Q7-01A	ESCA	3.991019308	3.815442062	0.237146289
TCGA-UB-A7MB-01A	LIHC	3.071445551	4.5711717	0
TCGA-ET-A3BS-01A	THCA	3.52037588	1.847294228	0.022709857
TCGA-13-1483-01A	OV	4.597262452	4.045260179	0.270101993
TCGA-Z4-A9VC-01A	SARC	4.373490338	2.828440207	0.502420834
TCGA-25-2399-01A	OV	4.865289307	3.736677624	0.209756458
TCGA-MX-A5UJ-01A	STAD	3.806196681	3.286118335	0.128039778
TCGA-49-4494-01A	LUAD	2.159374351	3.881674956	0.015107891
TCGA-CE-A483-01A	THCA	3.678256002	2.402475554	0
TCGA-HC-A9TE-01A	PRAD	3.280617045	1.129168725	0
TCGA-77-6843-01A	LUSC	3.292061096	3.26969155	0.109993375
TCGA-E2-A1LI-01A	BRCA	4.244542644	3.795874737	0.220701653
TCGA-WB-A80P-01A	PCPG	3.690583154	3.187646692	0
TCGA-AX-A3G6-01A	UCEC	3.937721936	5.454831742	0.176541274
TCGA-A3-3383-01A	KIRC	3.387507318	2.832839978	0.042034638
TCGA-AJ-A3NG-01A	UCEC	4.508977456	4.435984834	1.577216793
TCGA-2G-AAFE-01A	TGCT	4.281480925	4.928955434	0.532940657
TCGA-B5-A3FD-01A	UCEC	4.724474007	4.330271778	0.395035509

TCGA-36-1569-01A	OV	3.620455701	2.69319055	0.050196848
TCGA-CN-6019-01A	HNSC	2.116390872	2.02450887	0.076025982
TCGA-DK-AA75-01A	BLCA	4.438221539	4.835359888	1.426774147
TCGA-B5-A11G-01A	UCEC	3.173503226	2.657602701	0.446416105
TCGA-AA-3527-01A	COAD	2.590877602	3.751236088	0.693439615
TCGA-CG-4475-01A	STAD	3.393351665	3.451872252	0.033480927
TCGA-DD-A118-01A	LIHC	1.972171183	2.148727534	0.030019002
TCGA-UF-A7J9-01A	HNSC	3.444474111	4.173218985	0.092247392
TCGA-EJ-5512-01A	PRAD	3.177635898	0.888146872	0.024147019
TCGA-55-6986-01A	LUAD	3.180836998	1.905995511	0.048258829
TCGA-HE-A5NF-01A	KIRP	1.674042091	0.974815986	0
TCGA-B6-A408-01A	BRCA	4.229822374	3.354393819	0.082226156
TCGA-D1-A167-01A	UCEC	4.382748254	3.665825161	0.294455418
TCGA-ZF-A9R0-01A	BLCA	4.245647273	3.467394752	0.427988214
TCGA-2Y-A9H3-01A	LIHC	2.929423355	1.707277096	0.165318694
TCGA-CC-A1HT-01A	LIHC	3.539080145	4.173039489	1.708792829
TCGA-B0-5115-01A	KIRC	3.731564039	1.36527956	0.034808106
TCGA-VM-A8CD-01A	LGG	2.985186986	3.158135231	0.023458299
TCGA-EM-A4FM-01A	THCA	3.434890395	3.656380789	0.086750072
TCGA-X7-A8M8-01A	THYM	5.098143607	4.711657779	3.009119881
TCGA-AK-3445-01A	KIRC	3.064537053	1.870592678	0.032314907
TCGA-G3-A25S-01A	LIHC	1.990797219	4.09414623	1.278802103
TCGA-X7-A8M0-01A	THYM	4.077896104	2.240798476	1.532932843
TCGA-IB-7644-01A	PAAD	3.117172831	1.846246467	0.110202849
TCGA-CV-5434-01A	HNSC	3.736355316	3.388909768	0.395415712
TCGA-KC-A7FE-01A	PRAD	3.210366214	1.632974932	0.030462706
TCGA-55-8513-01A	LUAD	2.988549103	1.568904525	0.010428945
TCGA-4Z-AA7Y-01A	BLCA	3.392528945	3.111269542	0.068667099
TCGA-A2-A0EV-01A	BRCA	2.386046389	2.8250692	0.015376892
TCGA-MQ-A6BL-01A	MESO	3.126740412	3.371684345	0.072515045
TCGA-A2-A0YI-01A	BRCA	2.854940769	1.325563439	0.021658356
TCGA-AN-A0FJ-01A	BRCA	4.529064658	4.287350671	0.533804259
TCGA-30-1718-01A	OV	4.595377645	4.301351355	0.529680426
TCGA-S3-AA12-01A	BRCA	3.921795089	3.841440476	0.071272292
TCGA-EW-A1PB-01A	BRCA	5.910932738	4.325106773	0.346914768
TCGA-55-6978-01A	LUAD	3.559981722	3.399291546	0.077927569
TCGA-AN-A04C-01A	BRCA	4.500495419	4.218346852	0.462243327
TCGA-FX-A8OO-01A	SARC	4.744007323	2.943217459	0.089029232
TCGA-AZ-6606-01A	COAD	3.775985272	3.257696559	0.123739296
TCGA-BH-A18N-01A	BRCA	3.317341618	2.829030377	0.01067043
TCGA-P8-A5KD-01A	PCPG	3.917795313	2.16507681	0
TCGA-D7-8572-01A	STAD	3.207971443	3.088740301	1.167443238
TCGA-QA-A7B7-01A	LIHC	3.066521124	4.962281321	3.580663223
TCGA-BR-6852-01A	STAD	3.65415197	3.341266933	0.223301128

TCGA-WB-A80M-01A	PCPG	4.465507891	2.974146802	0
TCGA-BW-A5NQ-01A	LIHC	3.514659645	3.471589366	1.213236843
TCGA-DQ-5625-01A	HNSC	2.315618562	1.697459861	0.043218976
TCGA-AO-A03O-01A	BRCA	3.508532783	4.285311022	0
TCGA-EM-A3FO-01A	THCA	3.665737486	2.49695643	0
TCGA-ZG-A9KY-01A	PRAD	3.457717736	3.750504969	0.327481019
TCGA-EJ-7793-01A	PRAD	2.599294231	1.191060057	0
TCGA-29-1697-01A	OV	4.286352762	4.649847817	0.164201516
TCGA-AP-A0LO-01A	UCEC	4.278937272	2.498893415	0.422023972
TCGA-VQ-A8PK-01A	STAD	2.804859299	3.658538015	0.037781404
TCGA-HC-8266-01A	PRAD	3.654854002	1.508084241	0.036071842
TCGA-EK-A2RN-01A	CESC	4.009400516	3.435883181	0
TCGA-G2-A2EO-01A	BLCA	4.92989739	4.343161438	0.186705378
TCGA-EL-A4K9-01A	THCA	3.344383059	2.055028837	0.012020888
TCGA-IB-AAUW-01A	PAAD	2.93581718	1.338198134	0.067064852
TCGA-64-1676-01A	LUAD	3.018000548	2.798915914	0.016379531
TCGA-A4-8518-01A	KIRP	1.284850858	1.692138333	0
TCGA-DJ-A4UW-01A	THCA	3.125949617	1.623835544	0
TCGA-QQ-A5V2-01A	SARC	2.994950693	1.930393088	0.051642004
TCGA-GD-A3OQ-01A	BLCA	3.440770531	3.731063874	0.303621857
TCGA-DM-A28H-01A	COAD	5.011510331	4.890356749	0.915532659
TCGA-D8-A1JF-01A	BRCA	2.508299907	1.892066078	0.245530635
TCGA-DD-A73F-01A	LIHC	1.567133761	3.973487002	0.661348347
TCGA-B0-4700-01A	KIRC	2.45275272	2.356183528	0.017194931
TCGA-EY-A1GP-01A	UCEC	3.540613035	3.909857906	0.119754722
TCGA-QG-A5YW-01A	COAD	4.556285401	2.904085984	0.193310462
TCGA-CN-5364-01A	HNSC	2.979747821	3.306770039	0.037257794
TCGA-94-7033-01A	LUSC	4.826117303	4.323964802	0.156428651
TCGA-K4-A4AC-01A	BLCA	5.331397134	4.410417612	0.627426465
TCGA-D8-A73U-01A	BRCA	3.262444768	1.747849734	0.052701177
TCGA-EA-A3QD-01A	CESC	4.876399607	5.578140043	0.49786763
TCGA-HU-8602-01A	STAD	3.223686204	3.544538676	0.435252556
TCGA-CR-6471-01A	HNSC	1.936117676	3.521809777	0.076711319
TCGA-AP-A1DO-01A	UCEC	4.175396878	3.435603909	0.317173969
TCGA-S4-A8RM-01A	PAAD	3.674002442	1.707593525	0.047292215
TCGA-AC-A6IW-01A	BRCA	4.195798624	3.904143504	0.119423205
TCGA-BP-5198-01A	KIRC	2.298284367	2.082307782	0.009376875
TCGA-2J-AAB1-01A	PAAD	2.996802859	2.191373445	0.29807813
TCGA-E2-A153-01A	BRCA	2.712395527	1.404046766	0.014480643
TCGA-AK-3460-01A	KIRC	3.488423525	1.740223865	0.032335737
TCGA-E3-A3E1-01A	THCA	3.142288316	2.835697439	0
TCGA-24-2281-01A	OV	4.22460282	4.602623821	1.202570437
TCGA-E9-A249-01A	BRCA	4.525454424	2.315098598	0.015844558
TCGA-XE-AAO6-01A	TGCT	5.659336815	4.121780732	0.759868409

TCGA-EM-A3O8-01A	THCA	2.78044505	0.935927618	0
TCGA-FY-A3NN-01A	THCA	2.327853264	2.645477474	0
TCGA-E2-A1B6-01A	BRCA	4.834996643	4.176011135	0.116486623
TCGA-ET-A3BU-01A	THCA	2.501463131	2.17787559	0.004603817
TCGA-AG-3892-01A	READ	4.41975983	3.676952186	0.062990607
TCGA-E2-A109-01A	BRCA	3.62431483	2.899906948	0.060328601
TCGA-55-6972-01A	LUAD	4.099779198	2.930698182	0.415003779
TCGA-A6-3809-01B	COAD	5.372933817	1.389052595	0.170461602
TCGA-B6-A3ZX-01A	BRCA	4.745446132	3.634405308	0.536475477
TCGA-94-A4VJ-01A	LUSC	3.83560446	4.231338098	0.019954776
TCGA-32-2615-01A	GBM	3.604180322	3.05948072	0.506830163
TCGA-BP-4161-01A	KIRC3	2.47720943	1.415159835	0.005165341
TCGA-IB-A5SS-01A	PAAD	2.246043096	3.188099791	0.024757261
TCGA-A3-3362-01A	KIRC3	6.15616111	1.525546099	0
TCGA-B0-5699-01A	KIRC3	1.87550969	1.404243706	0.019990126
TCGA-NC-A5HN-01A	LUSC	5.463868099	3.640460441	0.212722381
TCGA-BA-6873-01A	HNSC	3.052950221	3.372472249	0.141682104
TCGA-EJ-A7NK-01A	PRAD	3.555592317	1.396059813	0.031762503
TCGA-A8-A08F-01A	BRCA	3.410172776	4.750614521	0.132167425
TCGA-LN-A8HZ-01A	ESCA	4.340729256	4.131896594	0.314483241
TCGA-DU-A6S2-01A	LGG	3.872516036	1.563932126	0.127311445
TCGA-DJ-A2Q9-01A	THCA	2.412717665	1.648402087	0.178774768
TCGA-60-2724-01A	LUSC	3.646427658	2.496798306	0.063377174
TCGA-B8-A54K-01A	KIRC5	1.73351025	2.458282374	0.006178465
TCGA-HU-A4GQ-01A	STAD	3.992082254	3.132740179	0.537982439
TCGA-DB-A75O-01A	LGG	3.328776743	1.634168661	0.048828462
TCGA-DU-8164-01A	LGG	4.137371798	2.338308261	0.124921353
TCGA-E9-A22E-01A	BRCA	2.605545024	2.172912286	0.008702865
TCGA-XE-A9SE-01A	TGCT	4.593249818	5.398824912	0.331028331
TCGA-BD-A3EP-01A	LIHC	3.231797446	2.028721756	0.300157436
TCGA-06-0156-01A	GBM	4.573403592	4.229127144	0.442269496
TCGA-DD-A11C-01A	LIHC	1.910220785	5.090741694	0.171965922
TCGA-BT-A2LB-01A	BLCA	3.358315001	2.803768071	0.518574211
TCGA-B0-5399-01A	KIRC3	9.84491922	1.72770687	0.015119401
TCGA-B8-A54H-01A	KIRC3	1.07118494	0.776500147	0.004284032
TCGA-E2-A1IF-01A	BRCA	3.275202023	2.943213522	0.051194235
TCGA-4V-A9QS-01A	THYM	4.892968352	4.125833126	2.329358669
TCGA-DJ-A13R-01A	THCA	2.509426492	1.292215012	0
TCGA-BF-A3DN-01A	SKCM	2.270267666	3.387314142	0.016747353
TCGA-AA-3534-01A	COAD	4.175057153	3.402667805	0.385899763
TCGA-DX-A6Z2-01A	SARC	3.114691777	4.603409355	0
TCGA-85-8072-01A	LUSC	3.498398287	4.228914895	0.141507228
TCGA-06-0745-01A	GBM	4.30965116	4.50219458	0.254211987
TCGA-DU-7302-01A	LGG	3.740709853	1.600083724	0.091453794

TCGA-UZ-A9PO-01A	KIRP	2.191316249	1.519167323	0
TCGA-JY-A93E-01A	ESCA	4.14032982	3.052431734	0.171704932
TCGA-AN-A0FZ-01A	BRCA	2.735844649	3.223499232	0.086582122
TCGA-DJ-A2QB-01A	THCA	1.95782728	1.51315601	0
TCGA-QR-A6GW-01A	PCPG	2.882840623	0.823380325	0.078414098
TCGA-BA-5151-01A	HNSC	2.453077494	2.219344244	0.181111429
TCGA-DD-A39W-01A	LIHC	1.963354141	1.874836795	0.0113587
TCGA-CS-5395-01A	LGG	2.738241319	2.960994702	0.267136685
TCGA-AJ-A3EM-01A	UCEC	2.896384752	6.257636444	0.259776716
TCGA-38-4627-01A	LUAD	1.585055884	1.827365555	0.059327898
TCGA-CN-5374-01A	HNSC	4.256709848	4.485054618	0.219733412
TCGA-DJ-A2PT-01A	THCA	2.506218263	2.533760861	0
TCGA-B0-5075-01A	KIRC	2.572398969	1.576419714	0.1573826
TCGA-GC-A3I6-01A	BLCA	4.015731685	4.722291203	0.368923049
TCGA-OR-A5K0-01A	ACC	3.010781251	4.053916667	0
TCGA-A6-A565-01A	COAD	3.892731298	3.198869107	0.618975436
TCGA-XF-AAMZ-01A	BLCA	4.667212149	5.161315539	0.426752646
TCGA-A2-A3KC-01A	BRCA	3.292980043	3.067482887	0.165193426
TCGA-AR-A1AM-01A	BRCA	3.521711725	1.794323019	0.005586595
TCGA-UF-A71A-01A	HNSC	3.320344562	4.327543874	0.165299848
TCGA-AP-A05O-01A	UCEC	2.807359436	3.141941315	0.213490408
TCGA-A5-AB3J-01A	UCEC	3.767811784	1.820054903	0.243110547
TCGA-AG-3594-01A	READ	3.25547133	4.009869545	0.223590895
TCGA-VM-A8C9-01A	LGG	2.126676629	1.797999205	0.007639952
TCGA-WB-A80V-01A	PCPG	4.072033481	1.939433033	0
TCGA-BG-A0M8-01A	UCEC	2.644760341	2.533755613	0.029212385
TCGA-IN-AB1V-01A	STAD	3.855174631	2.21049269	0.004414455
TCGA-V1-A8MU-01A	PRAD	3.529605831	1.59748316	0.125857194
TCGA-VS-A8EI-01A	CESC	4.706019836	4.241314581	0.579236444
TCGA-24-1422-01A	OV	4.415037711	3.238486027	0.029100438
TCGA-BP-4325-01A	KIRC	3.419907774	1.786397526	0.021312352
TCGA-GC-A3YS-01A	BLCA	4.071430116	3.983993638	0.552244393
TCGA-DU-A5TS-01A	LGG	4.769230107	3.126028005	0.00789374
TCGA-H2-A3RH-01A	THCA	3.235708839	2.367986924	0
TCGA-J4-A67Q-01A	PRAD	2.913616505	1.366283235	0.229279802
TCGA-13-1408-01A	OV	4.429638951	3.951252394	0.199501911
TCGA-UF-A718-01A	HNSC	3.109037505	2.326778087	0.040502504
TCGA-E9-A227-01A	BRCA	2.629601656	2.375444735	0.02622316
TCGA-K7-A6G5-01A	LIHC	1.524118102	2.042871541	0.068275472
TCGA-EM-A3AQ-01A	THCA	3.356683895	1.755317895	0
TCGA-A5-A0GH-01A	UCEC	4.634731861	4.674137908	0.977282689
TCGA-X7-A8M6-01A	THYM	4.252337213	4.366164016	3.108900962
TCGA-LN-A4MQ-01A	ESCA	4.296149369	3.771150008	0.076691962
TCGA-G4-6295-01A	COAD	4.546199133	5.015344659	2.359647673

TCGA-SX-A71W-01A	KIRP	2.887795949	1.603866708	0
TCGA-MI-A75I-01A	LIHC	2.900297827	3.500578775	0.139364916
TCGA-GE-A2C6-01A	THCA	3.183546381	2.645166254	0.00449134
TCGA-DM-A285-01A	COAD	4.285554982	4.053903265	0.160858335
TCGA-55-8208-01A	LUAD	3.400741143	3.656949767	0.137370498
TCGA-IZ-A6M8-01A	KIRP	1.932796468	2.224866048	0
TCGA-B8-5549-01A	KIRC	2.222295438	2.121528745	0.05243454
TCGA-XF-AAMR-01A	BLCA	3.061616641	2.84041648	0.181932726
TCGA-HU-8608-01A	STAD	3.860707762	3.928496268	0.570452869
TCGA-AO-A12G-01A	BRCA	1.594792148	2.454197917	0.025067669
TCGA-MW-A4EC-01A	KIRC	3.836289381	1.374863204	0.024003706
TCGA-D8-A1X5-01A	BRCA	2.497354834	3.403029587	0.030836975
TCGA-77-7142-01A	LUSC	4.258507893	2.378264149	0.144236249
TCGA-L3-A524-01A	LUSC	4.860950054	3.718858243	0.602723988
TCGA-DY-A1DE-01A	READ	4.906500435	4.398831973	0.856536217
TCGA-G7-A8LC-01A	KIRP	3.506349865	1.590197626	0
TCGA-BB-4227-01A	HNSC	4.229561957	2.534464766	0.30505032
TCGA-KL-8338-01A	KICH	2.896037155	3.500438058	0
TCGA-A2-A25A-01A	BRCA	3.549704324	2.205554733	0.01999886
TCGA-56-8309-01A	LUSC	3.264602307	2.661553356	0.191728614
TCGA-VR-A8EX-01A	ESCA	4.121675073	2.955776104	0.249190926
TCGA-BR-6457-01A	STAD	1.753004401	2.607212021	0.107922484
TCGA-CV-6937-01A	HNSC	2.869512441	3.016448015	0.154369846
TCGA-RC-A6M3-01A	LIHC	4.484739376	3.316563311	0.501772551
TCGA-MX-A5UG-01A	STAD	2.576102019	2.09892243	0.364327936
TCGA-C4-A0F1-01A	BLCA	2.920584492	2.182970815	0.15865165
TCGA-A6-2677-01B	COAD	5.112360928	3.199817217	0.774350769
TCGA-RD-A8N1-01A	STAD	3.735701801	3.06751838	2.35352506
TCGA-BR-8367-01A	STAD	2.7895921	2.511042124	0.263982238
TCGA-CF-A9FL-01A	BLCA	3.671253997	1.74263658	0.062181247
TCGA-DD-AADQ-01A	LIHC	2.89251269	1.016348049	0.231962776
TCGA-D1-A16D-01A	UCEC	2.092979014	1.524282135	0.012599331
TCGA-3B-A9HX-01A	SARC	2.410489561	2.826510058	0
TCGA-CC-A7IG-01A	LIHC	3.592443006	5.0261454	2.013701947
TCGA-DM-A0XF-01A	COAD	4.740094504	5.613670963	1.266120957
TCGA-AR-A24V-01A	BRCA	2.473029496	2.994528093	0.037120804
TCGA-DJ-A13U-01A	THCA	3.221101334	2.204814368	0
TCGA-56-8083-01A	LUSC	4.205337467	4.385395498	2.359395288
TCGA-DD-AAEA-01A	LIHC	2.871977258	4.654804932	0.295805292
TCGA-EW-A2FV-01A	BRCA	2.702257604	3.001861734	0.08090735
TCGA-5G-A9ZZ-01A	THYM	4.574253101	2.57548801	0.636919486
TCGA-VS-A8EG-01A	CESC	3.912982193	4.406556522	0.0997384
TCGA-18-3419-01A	LUSC	4.179780117	3.894593941	0.112291692
TCGA-OR-A5J6-01A	ACC	2.434102593	2.672100284	0

TCGA-B4-5838-01A	KIRC2	0.049153809	2.66549094	0.005968913
TCGA-XU-A92V-01A	THYM	4.700010891	2.362955341	0.787178911
TCGA-P7-A5NY-01A	PCPG	2.623605186	2.056988884	0
TCGA-CJ-4908-01A	KIRC3	3.352788949	1.706139752	0.017085084
TCGA-IQ-A61J-01A	HNSC	2.842219774	1.804125439	0.047161918
TCGA-CN-4742-01A	HNSC	2.41657892	2.840550407	0.050976277
TCGA-ZF-AA53-01A	BLCA	3.182803804	3.126951738	0.051760314
TCGA-E2-A14T-01A	BRCA	3.330060676	3.376729339	0.091112514
TCGA-CJ-4895-01A	KIRC2	2.7142365	1.608755798	0.00575689
TCGA-FG-A711-01A	LGG	4.470659668	2.408795112	0.005913914
TCGA-N8-A4PL-01A	UCS	3.60838838	3.632605401	0.671872444
TCGA-55-8506-01A	LUAD	3.604298168	4.263728282	0.064267744
TCGA-IQ-A6SH-01A	HNSC	3.750914057	3.076346162	0.031746147
TCGA-76-4931-01A	GBM	3.904652179	3.958866879	0.897743724
TCGA-EY-A547-01A	UCEC	3.856034027	6.819888029	1.15242433
TCGA-AL-3472-01A	KIRP	3.52677856	0.711515156	0
TCGA-PR-A5PF-01A	PCPG	4.651716172	1.347008606	0.015804387
TCGA-64-5781-01A	LUAD	3.785451049	3.737914751	0.008887755
TCGA-DC-4749-01A	READ	4.021639238	4.552771609	0.772781112
TCGA-CV-7178-01A	HNSC	3.476959194	2.48822261	0.05788578
TCGA-L5-A8NT-01A	ESCA	2.572921551	2.073039809	0.085831678
TCGA-22-1005-01A	LUSC	3.829085745	2.650129641	0.137881245
TCGA-BP-4960-01A	KIRC2	2.532913401	1.421933793	1.806806105
TCGA-AR-A5QM-01A	BRCA	2.76834973	3.040793629	0.116102633
TCGA-A2-A04P-01A	BRCA	4.345693207	3.357062604	0.005766012
TCGA-QR-A6GS-01A	PCPG	2.954337006	1.842376393	0
TCGA-05-4432-01A	LUAD	2.902132362	4.470932329	0.327733668
TCGA-MR-A8JO-01A	LIHC	3.101498723	1.502392923	0.006748528
TCGA-DJ-A2Q3-01A	THCA	2.538178077	2.122224701	0.014522136
TCGA-WB-A80L-01A	PCPG	3.725483852	2.383763209	0
TCGA-J2-8192-01A	LUAD	2.770673458	1.724637189	0.076181074
TCGA-CM-6164-01A	COAD	3.771140697	4.58122181	1.027234366
TCGA-CH-5768-01A	PRAD	3.647839145	1.490397044	0.047366475
TCGA-28-2499-01A	GBM	2.630780134	1.795898098	0.019085869
TCGA-WB-A81T-01A	PCPG	3.364689823	2.042893134	0
TCGA-B6-A0RM-01A	BRCA	3.775287316	3.276286238	0.350233516
TCGA-HC-7740-01B	PRAD	3.684479553	0.616817591	0.076872212
TCGA-CW-6087-01A	KIRC2	2.28766098	2.722282015	0.078916234
TCGA-DJ-A3V9-01A	THCA	3.120789993	2.314419633	0.003954917
TCGA-C5-A1MN-01A	CESC	3.437244172	4.235071299	0.12904681
TCGA-E3-A3E3-01A	THCA	3.247156155	1.94831919	0
TCGA-FX-A3TO-01A	SARC	2.900456348	4.648932135	0.023135249
TCGA-D8-A4Z1-01A	BRCA	3.861441422	1.835965449	0.016938929
TCGA-61-1724-01A	OV	3.140508225	3.575361198	0.042854904

TCGA-85-8351-01A	LUSC	3.997350655	2.621192893	0.235686085
TCGA-A8-A08T-01A	BRCA	3.697120458	2.156855311	0.014793558
TCGA-HC-8259-01A	PRAD	3.810923186	1.093977445	0.09338966
TCGA-ZG-A8QW-01A	PRAD	3.710482903	2.037386508	0.113261518
TCGA-DU-8158-01A	LGG	2.592980573	1.921432247	0.011084985
TCGA-AR-A1AT-01A	BRCA	3.190037095	3.19489359	0.156312128
TCGA-AA-3655-01A	COAD	3.771119887	4.089490296	0.141846019
TCGA-C5-A8YQ-01A	CESC	4.929917648	3.446914703	0.404062938
TCGA-24-0982-01A	OV	4.422580939	4.572510042	2.05782422
TCGA-B9-4113-01A	KIRP	3.326556353	0.587893242	0
TCGA-CE-A13K-01A	THCA	2.159582522	2.192870268	0
TCGA-AO-A1KT-01A	BRCA	2.817321532	4.342609047	0.051101883
TCGA-B8-4148-01A	KIRC	3.364163724	1.885330127	0.673233154
TCGA-04-1332-01A	OV	3.419058901	4.588507925	0.134185668
TCGA-HF-7131-01A	STAD	2.470704638	4.070260296	0.396410622
TCGA-V4-A9F2-01A	UVM	5.384952365	1.01620077	0.009842422
TCGA-D7-A6F2-01A	STAD	3.577013471	3.416220104	2.128972016
TCGA-CN-4738-01A	HNSC	3.058589009	2.228424657	0.630931497
TCGA-2A-A8W1-01A	PRAD	4.001400188	1.353396969	0.046048308
TCGA-DX-AB30-01A	SARC	4.301766432	3.908691835	0.108117975
TCGA-DD-AACG-01A	LIHC	2.842069533	3.433419948	0.263753965
TCGA-KO-8411-01A	KICH	2.86826564	2.090507068	0
TCGA-S9-A6U0-01A	LGG	2.413799559	3.103126559	0.176903061
TCGA-NC-A5HQ-01A	LUSC	5.475653466	3.618544753	0.30638475
TCGA-DE-A7U5-01A	THCA	3.083445849	2.902369715	0
TCGA-W5-AA2G-01A	CHOL	3.403064345	2.91283063	0.007059036
TCGA-50-5942-01A	LUAD	2.983106192	1.114063003	0
TCGA-43-5668-01A	LUSC	2.930785165	5.712596764	0.077525317
TCGA-WK-A8XY-01A	SARC	3.101504919	5.572142965	0
TCGA-61-1910-01A	OV	5.251630988	3.219151448	0.124957932
TCGA-B0-5095-01A	KIRC	3.371682381	2.052597081	0.005756805
TCGA-ZZ-A9JS-01A	KIRP	2.657909456	1.577591066	0.009701637
TCGA-VQ-A8PH-01A	STAD	4.800495181	4.619281648	0.594869449
TCGA-BH-A0H0-01A	BRCA	3.070055763	4.538533405	0.617545219
TCGA-38-6178-01A	LUAD	2.902222637	2.240811679	0.151654254
TCGA-HL-7533-01A	HNSC	3.757539847	4.359375917	0.076222149
TCGA-EY-A1GC-01A	UCEC	2.980072447	3.847541237	0.71715496
TCGA-25-1631-01A	OV	3.110134174	3.540795526	0.264089809
TCGA-G8-6325-01A	DLBC	2.951202837	4.254480595	0.143617941
TCGA-VD-A8KA-01B	UVM	4.619671655	2.269482954	0.005445069
TCGA-24-1413-01A	OV	4.964301119	2.690944029	0.207375896
TCGA-ET-A39T-01A	THCA	3.538400767	2.999228606	0
TCGA-BH-A5J0-01A	BRCA	3.833901591	3.012980753	0.529236808
TCGA-ZF-A9R5-01A	BLCA	4.918324798	1.202508394	0.02744003

TCGA-FD-A5BX-01A	BLCA	2.770083737	3.15264905	0.670331418
TCGA-D7-6528-01A	STAD	3.662982369	5.070848251	1.080017264
TCGA-DR-A0ZL-01A	CESC	4.277967214	4.351842818	0.214059236
TCGA-ET-A3BO-01A	THCA	3.191324491	2.750716864	0.004812334
TCGA-QQ-A5VD-01A	SARC	2.540744313	4.620221875	0
TCGA-OR-A5JK-01A	ACC	2.927314641	3.249099586	0.030040957
TCGA-24-1467-01A	OV	4.796510621	3.153002089	0.167041809
TCGA-98-A53A-01A	LUSC	4.735275205	3.879564044	0.419463919
TCGA-DD-A39V-01A	LIHC	1.718838217	2.72804067	0.268792213
TCGA-E8-A413-01A	THCA	3.040265543	1.991326498	0
TCGA-CC-5262-01A	LIHC	2.329318217	3.376389224	0.519721963
TCGA-09-0369-01A	OV	4.817134129	4.901837508	0.483957711
TCGA-CQ-6223-01A	HNSC	2.564461912	2.765495003	0.027933924
TCGA-DK-A1AF-01A	BLCA	2.344248751	2.636282679	0.013422302
TCGA-DX-A8BM-01A	SARC	3.650692687	4.532425005	0.068998666
TCGA-QQ-A5VB-01A	SARC	3.334788194	4.320088256	0
TCGA-FP-A9TM-01A	STAD	3.900598062	3.195166292	0.299510241
TCGA-QR-A70T-01A	PCPG	4.075501701	1.668523763	0
TCGA-ET-A4KQ-01A	THCA	2.635710879	1.352722439	0.003624201
TCGA-N6-A4VF-01A	UCS	3.186794252	3.800967912	0.067635353
TCGA-18-3417-01A	LUSC	2.050887826	2.839886296	0.077526144
TCGA-B0-4814-01A	KIRC	3.724927962	1.473989637	0.119711277
TCGA-WB-A80Y-01A	PCPG	3.333557549	1.499619034	0.013239364
TCGA-B0-5116-01A	KIRC	3.294540291	1.814289059	0.020054073
TCGA-D7-6527-01A	STAD	1.341832334	3.372713229	1.101907232
TCGA-AA-A01R-01A	COAD	4.481958691	5.005172529	1.442130181
TCGA-55-7994-01A	LUAD	4.154997273	3.210325776	0.091588083
TCGA-50-5932-01A	LUAD	2.461902851	3.085719715	0.017384891
TCGA-EL-A3T0-01A	THCA	2.40466454	2.157405002	0.009535936
TCGA-IP-7968-01A	STAD	3.244574772	4.02783006	0.506413198
TCGA-UY-A9PH-01A	BLCA	4.173216495	4.005180373	0.459847616
TCGA-VS-A953-01A	CESC	4.998681997	7.714299534	2.516471053
TCGA-G7-6795-01A	KIRP	2.492254765	2.274365139	0
TCGA-WE-A8K4-01A	SKCM	2.457568389	4.456214158	0.013599576
TCGA-50-7109-01A	LUAD	3.356778921	3.725140002	0.094281167
TCGA-P7-A5NX-01A	PCPG	2.048531508	2.27384624	0.006866571
TCGA-DB-A4X9-01A	LGG	4.590836401	1.884896828	0.023394255
TCGA-P5-A5F4-01A	LGG	4.093560625	2.440416636	0
TCGA-DC-5337-01A	READ	3.478240016	4.372133995	1.397993559
TCGA-DE-A69K-01A	THCA	3.361851008	2.633976331	0
TCGA-CG-4442-01A	STAD	4.749568143	2.444694292	0.181535193
TCGA-FF-8041-01A	DLBC	4.080597222	5.141986929	1.215691928
TCGA-BR-8589-01A	STAD	3.862683452	4.455579363	0.21173331
TCGA-HT-7610-01A	LGG	4.325733572	1.997793282	0.007487259

TCGA-D6-A6EQ-01A	HNSC	3.212443733	3.182495484	0.237059695
TCGA-G9-7519-01A	PRAD	2.172053144	1.095546108	0.027672795
TCGA-VR-A8EQ-01A	ESCA	3.341512116	3.003001274	0.940389891
TCGA-ZB-A96I-01A	THYM	4.129225635	1.017769848	0.398998878
TCGA-RM-A68W-01A	PCPG	3.50930124	1.708793537	0
TCGA-DU-6396-01A	LGG	4.134078108	1.024899483	0
TCGA-C5-A1MQ-01A	CESC	4.193608108	4.297913299	0.121126092
TCGA-75-7030-01A	LUAD	2.400615279	1.434076945	0.024907064
TCGA-55-8096-01A	LUAD	3.240764665	2.773296924	0.15462998
TCGA-YF-AA3L-01A	BLCA	4.537424592	3.524004571	0.116622983
TCGA-VS-A8EH-01A	CESC	3.876168724	4.04727708	0.368808814
TCGA-CW-5580-01A	KIRC	3.037513821	1.438315756	0.007667835
TCGA-FY-A3WA-01A	THCA	1.966035992	0.8126054	0
TCGA-DU-A5TY-01A	LGG	3.798295367	3.324789129	0.273787424
TCGA-CR-7394-01A	HNSC	1.5104422	1.642345161	0.054804861
TCGA-EM-A3AI-01A	THCA	3.049147537	1.64367247	0
TCGA-SH-A9CT-01A	MESO	3.191471776	3.143882332	0.14653495
TCGA-FI-A3PV-01A	UCEC	4.051737715	3.733145645	0.13110119
TCGA-CR-7392-01A	HNSC	2.453861992	2.3666508	0.326476825
TCGA-ZZ-A9JN-01A	KIRP	1.758293901	1.40424589	0
TCGA-A2-A0D2-01A	BRCA	4.114161322	4.834023672	0.074489855
TCGA-J9-A8CM-01A	PRAD	4.056932658	1.410718414	0.103087658
TCGA-A8-A0AD-01A	BRCA	3.070708347	2.520085276	0.064464503
TCGA-R6-A8WG-01A	ESCA	3.779512335	4.284055811	0.563658121
TCGA-SP-A6QD-01A	PCPG	3.568445494	2.201547383	0
TCGA-ZM-AA0F-01A	TGCT	4.758822019	3.53027039	0.244099345
TCGA-C8-A8HQ-01A	BRCA	2.670020772	3.737559009	0.227132315
TCGA-56-A49D-01A	LUSC	5.522564344	5.511310754	2.044849587
TCGA-A7-A26H-01A	BRCA	3.249504386	2.066308271	0.038506591
TCGA-KQ-A41P-01A	BLCA	4.877702249	4.452148642	0.739266056
TCGA-FK-A3SH-01A	THCA	3.715849345	2.6401963	0
TCGA-CR-6472-01A	HNSC	3.23543132	4.1379433	0.167000874
TCGA-DX-A3UE-01A	SARC	3.11236371	4.878057346	0
TCGA-EA-A1QS-01A	CESC	3.051051149	3.457922888	0.030221478
TCGA-E6-A1LX-01A	UCEC	4.530582925	4.330825248	1.392470116
TCGA-FF-8062-01A	DLBC	4.374592914	4.682746934	0.42789512
TCGA-E2-A15D-01A	BRCA	3.087110768	1.394332007	0.00529899
TCGA-80-5607-01A	LUAD	2.944179741	3.103417033	0.191223331
TCGA-AC-A2QJ-01A	BRCA	2.486359965	3.57445805	0.406790216
TCGA-50-6591-01A	LUAD	4.023904645	4.740490699	0.117701825
TCGA-KM-8639-01A	KICH	2.373667605	1.479402871	0
TCGA-NC-A5HR-01A	LUSC	5.682069597	4.172582224	0.245346252
TCGA-CV-6933-01A	HNSC	3.719430257	3.359936834	0.178529977
TCGA-CF-A8HY-01A	BLCA	4.184003063	2.876222002	0.051994524

TCGA-FX-A3NJ-01A	SARC	2.267263527	3.959438345	0
TCGA-JY-A6FE-01A	ESCA	3.018737846	5.273230167	0.68890844
TCGA-E2-A106-01A	BRCA	2.293363408	2.594064015	0.031107717
TCGA-AX-A06B-01A	UCEC	4.218722099	3.777079392	0.224629825
TCGA-A5-A2K2-01A	UCEC	4.320886142	3.554402357	0.247934486
TCGA-DY-A1H8-01A	READ	5.184669135	4.314636723	1.02035261
TCGA-61-1721-01A	OV	4.265798716	1.500929036	0.006834463
TCGA-B9-4617-01A	KIRP	2.286135497	1.076075786	0
TCGA-CJ-4872-01A	KIRC	3.468916961	1.316313527	0.005016456
TCGA-EW-A1OX-01A	BRCA	2.156990392	2.973888023	0.093600047
TCGA-DJ-A13M-01A	THCA	2.50697615	2.907026363	0
TCGA-YL-A8HJ-01A	PRAD	3.425213626	1.56911822	0.034819613
TCGA-3U-A98G-01A	MESO	1.951661838	1.924248995	0
TCGA-BK-A139-01A	UCEC	4.422745715	4.83726084	0.129296455
TCGA-4N-A93T-01A	COAD	4.764886557	3.523892739	0.718467155
TCGA-EJ-7786-01A	PRAD	2.93596593	1.209786173	0.050715019
TCGA-EO-A1Y7-01A	UCEC	5.05102388	4.180052725	0.435213015
TCGA-D5-7000-01A	COAD	3.752527364	3.299884084	0.592702576
TCGA-E2-A1BC-01A	BRCA	2.225989495	0.71561117	0
TCGA-HE-A5NL-01A	KIRP	2.591675428	0.914804709	0
TCGA-HU-A4H5-01A	STAD	4.105439656	3.495139419	0.867290714
TCGA-HC-8216-01A	PRAD	3.815517793	1.423609279	0.039542065
TCGA-53-A4EZ-01A	LUAD	4.172061243	3.883514056	0.14878055
TCGA-LL-A6FQ-01A	BRCA	3.681305823	3.373741523	0.028785125
TCGA-AA-3562-01A	COAD	3.763938811	4.842246038	0.839267906
TCGA-X6-A8C7-01A	SARC	3.838255427	2.495616739	0.05389155
TCGA-L7-A6VZ-01A	ESCA	3.377911432	3.726494255	0.521553434
TCGA-B8-A54I-01A	KIRC	2.981460435	1.631123732	0.14898991
TCGA-B6-A0IK-01A	BRCA	1.923408623	3.634282743	0.008513738
TCGA-AA-3548-01A	COAD	3.469294482	4.101078304	0.365431682
TCGA-CF-A5U8-01A	BLCA	3.761652228	1.486643169	0.088855074
TCGA-77-8156-01A	LUSC	4.847029302	3.864226323	0.369244551
TCGA-A3-3335-01A	KIRC	3.573699006	1.587281141	0.004832519
TCGA-OR-A5KO-01A	ACC	3.121426908	4.349621767	0
TCGA-VD-A8KH-01A	UVM	4.825019585	1.786941126	0.044941808
TCGA-BQ-5890-01A	KIRP	2.444141868	2.894822493	0.012693443
TCGA-ZJ-AAX8-01A	CESC	4.305643225	4.037797861	0.168606021
TCGA-FD-A62N-01A	BLCA	3.759399353	3.545512991	0.713682013
TCGA-68-7757-01B	LUSC	3.340555025	2.007916843	0.988557514
TCGA-DX-AB2T-01A	SARC	2.924464956	4.801252434	0.019673221
TCGA-XJ-A9DI-01A	PRAD	4.099454148	1.747798261	0
TCGA-B0-4706-01A	KIRC	4.425648236	1.785435154	0.073847009
TCGA-D1-A16I-01A	UCEC	3.820221857	6.565882535	0.895880948
TCGA-E1-A7YU-01A	LGG	4.506518288	2.046796132	0.006450055

TCGA-DJ-A4V2-01A	THCA	2.7396546	2.954397128	0
TCGA-F7-7848-01A	HNSC	2.620314144	2.887252303	0.141954341
TCGA-A1-A0SD-01A	BRCA	2.572729047	2.688504107	0.044577435
TCGA-FR-A726-01A	SKCM	4.658644655	5.007612411	2.234146183
TCGA-50-5044-01A	LUAD	2.800727336	3.096366349	0
TCGA-CS-6188-01A	LGG	2.634353291	3.018653128	0.171591645
TCGA-76-4929-01A	GBM	2.983679917	3.33576598	0.094327892
TCGA-DS-A7WF-01A	CESC	3.842610326	5.085157068	0.363677747
TCGA-V4-A9ED-01A	UVM	4.976198073	2.545340204	0
TCGA-QT-A5XN-01A	PCPG	3.436692531	1.85076518	0
TCGA-J4-A67S-01A	PRAD	3.409770113	1.571055972	0.273968636
TCGA-AQ-A54N-01A	BRCA	5.046754881	4.143402221	0.241420964
TCGA-DU-6406-01A	LGG	3.399897246	3.967237585	0.564149476
TCGA-AZ-6598-01A	COAD	3.472600396	3.52960614	1.063692134
TCGA-18-3408-01A	LUSC	3.900274147	1.710517087	0.008170283
TCGA-55-8616-01A	LUAD	3.718576101	2.376233612	0.594290114
TCGA-DE-A2OL-01A	THCA	3.306249299	3.780603717	0
TCGA-3H-AB3O-01A	MESO	3.42820636	3.184051111	0.156805708
TCGA-DX-A1L4-01A	SARC	0.865026366	1.80894629	0
TCGA-CG-5734-01A	STAD	1.92993757	2.583961124	0.144756532
TCGA-F1-6177-01A	STAD	4.876803751	4.396366993	2.836385351
TCGA-BP-4970-01A	KIRC	2.034551872	1.388224937	0.003343766
TCGA-AA-3814-01A	COAD	3.192357522	3.829280611	0.515187043
TCGA-58-8388-01A	LUSC	4.167027096	3.74698357	0.082718482
TCGA-BH-A18V-01A	BRCA	5.055220701	3.751810788	0.260739006
TCGA-AO-A12E-01A	BRCA	2.525133005	3.172216223	0.016341014
TCGA-G7-7501-01A	KIRP	2.983771484	2.500603232	0.193320484
TCGA-XD-AAUH-01A	PAAD	3.339556859	1.31048886	0.097652278
TCGA-66-2787-01A	LUSC	4.398264385	3.949438549	0.165912939
TCGA-BS-A0U7-01A	UCEC	3.101959541	5.4165309	0.125527134
TCGA-13-0887-01A	OV	4.460755741	4.848092804	0.349214834
TCGA-E8-A2JQ-01A	THCA	3.094663336	3.017474901	0.033105299
TCGA-PC-A5DK-01A	SARC	2.918651031	4.706000072	0
TCGA-XD-AAUL-01A	PAAD	2.881953091	2.159676044	0.005676672
TCGA-C5-A7CG-01A	CESC	4.138653685	4.678643218	0.17566092
TCGA-AG-3901-01A	READ	2.99835597	2.922101318	0.560671942
TCGA-CV-5432-01A	HNSC	3.471219383	4.572953851	0.042841503
TCGA-CN-6011-01A	HNSC	3.071156617	2.889379746	0.074812259
TCGA-A6-3810-01B	COAD	3.791897223	1.863065252	0.429478717
TCGA-61-1741-01A	OV	4.711883755	5.620516161	0.794584052
TCGA-BH-A0RX-01A	BRCA	3.070178136	3.777017375	0.337426243
TCGA-55-7914-01A	LUAD	3.919427027	2.692818616	0.418141109
TCGA-24-1616-01A	OV	3.312632653	4.014524309	0.553477355
TCGA-D1-A1NX-01A	UCEC	5.308000717	4.3356082	0.656474566

TCGA-29-A5NZ-01A	OV	4.548083248	3.635676115	0.236225195
TCGA-BP-4771-01A	KIRC3	3.635429269	2.164533137	0.009733736
TCGA-QR-A6H6-01A	PCPG	3.821626791	3.288810848	0
TCGA-G7-A8LE-01A	KIRP	3.105352386	1.016978605	0
TCGA-AN-A03X-01A	BRCA	1.550244192	2.193814118	0.096579762
TCGA-IW-A3M5-01A	SARC	3.437060935	4.0222816	0.294593964
TCGA-49-4490-01A	LUAD	2.540656275	1.719252876	0.121227921
TCGA-55-6979-01A	LUAD	3.55346322	3.90983113	0.149936178
TCGA-D8-A1XL-01A	BRCA	4.417383736	4.765979008	0.344973393
TCGA-06-5418-01A	GBM	4.492142337	2.3377840	4.39467347
TCGA-EL-A3CR-01A	THCA	3.001993259	1.804316073	0.06727972
TCGA-66-2768-01A	LUSC	4.303498719	4.024669744	0.047553672
TCGA-BH-A18J-01A	BRCA	2.846500323	2.927061784	0.15601323
TCGA-49-4488-01A	LUAD	2.574980249	2.591681555	0.020937823
TCGA-TM-A84T-01A	LGG	5.116803112	1.714419048	0
TCGA-2G-AAGC-01A	TGCT	5.727034811	4.070742764	1.420297576
TCGA-ER-A2NB-01A	SKCM	1.345063853	2.770848651	0.004814108
TCGA-HZ-A4BK-01A	PAAD	3.198886675	2.474193387	0.041258433
TCGA-VV-A86M-01A	LGG	5.493907555	1.962613912	0
TCGA-YL-A9WK-01A	PRAD	4.504432916	1.200904214	0.084732262
TCGA-DF-A2KV-01A	UCEC	4.404370738	4.592733848	0.84758358
TCGA-UC-A7PD-01A	CESC	4.133876086	3.672419801	1.156757576
TCGA-24-1416-01A	OV	3.495584396	4.012205377	0.959815526
TCGA-OR-A5JZ-01A	ACC	1.851879797	4.250010439	0.886116105
TCGA-B0-5691-01A	KIRC3	0.54321407	1.675832166	0.05561295
TCGA-BA-6872-01A	HNSC	3.744806915	3.289058669	0.104084574
TCGA-78-7154-01A	LUAD	4.165015181	3.501011268	0.39363867
TCGA-DU-8166-01A	LGG	4.329376394	1.399015941	0
TCGA-2G-AAF1-01A	TGCT	4.211575677	4.314187435	0.291205492
TCGA-06-2567-01A	GBM	3.519567835	4.688190024	0.362769122
TCGA-D8-A3Z6-01A	BRCA	3.195755269	2.016126853	0.103990118
TCGA-AA-A00F-01A	COAD	4.443712803	4.125030325	0.399419942
TCGA-A7-A0CE-01A	BRCA	3.405043812	3.365640454	0.071453419
TCGA-G8-6326-01A	DLBC	2.831442805	3.506231429	0.206639673
TCGA-CN-A642-01A	HNSC	4.877427975	3.06180775	0.598622789
TCGA-XF-AAN2-01A	BLCA	4.344083393	4.10396908	0.457734663
TCGA-77-6844-01A	LUSC	4.516779402	2.988183113	0.046300215
TCGA-G4-6322-01A	COAD	3.38537939	3.938591588	0.667986979
TCGA-D8-A1JT-01A	BRCA	3.388981473	2.94513836	0.0128868
TCGA-XM-A8RB-01A	THYM	5.106323687	4.21508254	2.771142799
TCGA-B5-A1MX-01A	UCEC	3.800227188	4.901566461	0.331973375
TCGA-DJ-A3UK-01A	THCA	3.446148593	1.456240094	0
TCGA-A6-5667-01A	COAD	2.934039617	4.751569619	0.426344944
TCGA-85-7844-01A	LUSC	3.089163791	3.948393668	0.073487607

TCGA-86-7701-01A	LUAD	4.355029566	3.232017046	0.20115113
TCGA-HC-7744-01A	PRAD	2.965692594	2.104632696	0.056160407
TCGA-L5-A8NE-01A	ESCA	5.3407178	3.166981052	0.143616207
TCGA-NQ-A57I-01A	MESO	4.004812008	3.614295462	0.073390166
TCGA-BQ-5881-01A	KIRP	1.230998301	1.000113911	0.005577895
TCGA-CZ-4854-01A	KIRC	3.440254341	1.406617755	0
TCGA-QH-A6X9-01A	LGG	4.590253546	2.270667235	0
TCGA-SR-A6MZ-01A	PCPG	3.588083611	2.622479939	0
TCGA-2Y-A9H4-01A	LIHC	2.81849645	4.33481918	0.359418839
TCGA-A7-A0DA-01A	BRCA	3.716198417	2.55087023	0.056906269
TCGA-S9-A7J0-01A	LGG	5.770119049	5.668135811	0
TCGA-L5-A88S-01A	ESCA	2.833645109	2.34377161	0.006038288
TCGA-J4-A67R-01A	PRAD	3.025383135	1.398334492	0.019457117
TCGA-44-2656-01A	LUAD	3.526915878	2.084094603	0.045923313
TCGA-YR-A95A-01A	CHOL	3.559215003	2.633948223	0.042254867
TCGA-53-7626-01A	LUAD	2.484939004	2.582032073	0.012764641
TCGA-AA-3984-01A	COAD	4.498790381	4.623404725	0.619449546
TCGA-NA-A4QW-01A	UCS	5.681532557	3.270347155	0.243855087
TCGA-DX-A48K-01A	SARC	3.132377883	3.660843453	0
TCGA-CQ-5323-01A	HNSC	3.64676918	4.63341441	0.090524392
TCGA-13-0795-01A	OV	3.959398016	4.281291842	0.014983535
TCGA-CW-5585-01A	KIRC	3.065946692	1.804328893	0.346554575
TCGA-E9-A1R3-01A	BRCA	2.726279972	0.459061914	0.010682948
TCGA-KK-A6E3-01A	PRAD	2.511868423	1.763963906	0.191247504
TCGA-HZ-A9TJ-01A	PAAD	3.907035347	2.121130363	0.043752738
TCGA-A6-2675-01A	COAD	3.388548368	3.438087245	0.334010649
TCGA-27-1832-01A	GBM	3.456847959	4.337048694	0.26071309
TCGA-OR-A5LH-01A	ACC	1.676912023	3.720072337	0
TCGA-QR-A70C-01A	PCPG	3.888767653	1.259456574	0
TCGA-RC-A7SB-01A	LIHC	2.103951098	3.682332034	0.096028151
TCGA-XQ-A8TA-01A	PRAD	5.342988776	5.090085465	0.1665519
TCGA-CD-8531-01A	STAD	3.181158066	4.166573887	0.203955911
TCGA-DU-7019-01A	LGG	3.060309438	1.09986875	0
TCGA-BA-4074-01A	HNSC	4.088850138	2.401094987	0.288051718
TCGA-CH-5745-01A	PRAD	3.260151197	0.677232956	0.033486537
TCGA-UZ-A9PN-01A	KIRP	3.209336422	2.355896315	3.562545242
TCGA-D8-A1J9-01A	BRCA	3.059689113	3.473516252	0.03816605
TCGA-EY-A2OO-01A	UCEC	3.633882993	3.720291409	0.478463729
TCGA-UF-A7JF-01A	HNSC	3.324887223	3.650084572	0.061026606
TCGA-MP-A4TJ-01A	LUAD	3.966977549	2.843550457	0.232306338
TCGA-E2-A15L-01A	BRCA	3.283134262	2.704758112	0.403064122
TCGA-CH-5769-01A	PRAD	3.743967928	2.380762252	0.155867629
TCGA-BQ-5884-01A	KIRP	1.129070286	1.475851516	0
TCGA-ZF-AA58-01A	BLCA	4.28559942	5.758873894	0.383772627

TCGA-CR-5247-01A	HNSC	2.509469031	2.12680021	0.124626789
TCGA-29-2425-01A	OV	5.322487271	4.180401185	0.519029238
TCGA-LK-A4O7-01A	MESO	3.75651953	2.87278339	0.031045116
TCGA-34-2608-01A	LUSC	2.890699408	2.265694344	0.108187427
TCGA-66-2777-01A	LUSC	3.176168576	3.456794661	0.04892799
TCGA-AP-A059-01A	UCEC	4.04130872	4.196225365	0.751300095
TCGA-CS-5394-01A	LGG	3.878421487	2.401420521	0
TCGA-DU-A76K-01A	LGG	2.992475896	2.93206072	0.234454089
TCGA-P4-A5EB-01A	KIRP	1.445418059	1.317157339	0.120268192
TCGA-ZB-A961-01A	THYM	3.820354433	1.837462652	1.441698177
TCGA-BA-A6DJ-01A	HNSC	3.915489278	2.721558989	0.274128511
TCGA-CQ-6222-01A	HNSC	2.204137658	2.171476743	0.204188929
TCGA-59-2354-01A	OV	3.443234454	3.078270683	0.196815474
TCGA-BH-A0DX-01A	BRCA	2.639117057	2.565057159	0.137443733
TCGA-FC-7708-01A	PRAD	3.010119881	0.994568989	0.020422044
TCGA-A3-3365-01A	KIRC3	1.9438712	1.50353259	0.024031489
TCGA-44-2662-01A	LUAD	3.358358247	3.999050702	1.279913312
TCGA-LL-A73Z-01A	BRCA	3.606022648	3.904318809	0.252666911
TCGA-24-1923-01A	OV	4.485829542	3.142175239	0.322360063
TCGA-B5-A11P-01B	UCEC	3.341733798	3.402074771	0.133900784
TCGA-WZ-A8D5-01A	TGCT	4.352598338	5.129926506	0.764747942
TCGA-CD-A48A-01A	STAD	3.154407747	3.100058731	0.627027362
TCGA-78-7220-01A	LUAD	3.63427841	3.81895212	0.175850338
TCGA-CG-5717-01A	STAD	2.562668407	2.403336439	0.045055906
TCGA-XF-A9T3-01A	BLCA	4.407380405	3.599425591	1.020779439
TCGA-D1-A176-01A	UCEC	3.004517988	3.209366081	0.514943516
TCGA-55-7725-01A	LUAD	4.618666089	1.407906379	0.089557313
TCGA-55-8097-01A	LUAD	3.497699729	1.917135609	0.059574812
TCGA-ZF-AA4U-01A	BLCA	3.459530275	2.249185747	0.057999076
TCGA-XD-AAUI-01A	PAAD	3.838483161	2.806732949	0.121180112
TCGA-2G-AALG-01A	TGCT	3.859759745	4.398137264	0.194885959
TCGA-D1-A0ZR-01A	UCEC	2.954386432	2.64207285	0.185362579
TCGA-S9-A6WN-01A	LGG	2.62728466	1.25545299	0.017216597
TCGA-EL-A3ZP-01A	THCA	3.13866706	1.33265279	0.005293992
TCGA-TP-A8TT-01A	PRAD	3.013307189	0.899145907	0.020360307
TCGA-MP-A4SY-01A	LUAD	4.746410305	2.289466543	0.19937221
TCGA-LK-A4O5-01A	MESO	3.632850816	2.545519699	0.036027154
TCGA-24-2267-01A	OV	4.772992252	3.718178269	0.340426924
TCGA-GD-A3OP-01A	BLCA	2.975766681	3.08950523	0.00911055
TCGA-KN-8426-01A	KICH	4.450130832	3.105621204	0
TCGA-CA-6715-01A	COAD	4.476790124	4.499545883	0.841242457
TCGA-DU-7298-01A	LGG	4.045420452	2.979528857	0
TCGA-XU-A932-01A	THYM	4.844758843	4.318232822	2.577888013
TCGA-VF-A8AE-01A	TGCT	4.488095376	4.750447856	0.598505887

TCGA-NC-A5HJ-01A	LUSC	4.271133725	4.307779798	0.478164291
TCGA-F2-7273-01A	PAAD	2.537461408	0.931042253	0.00725627
TCGA-BC-4073-01B	LIHC	2.652578509	2.811916436	0.254654267
TCGA-AA-A00U-01A	COAD	4.519272033	4.369583219	1.582412272
TCGA-BF-A5EP-01A	SKCM	3.621311491	3.889664923	0.379728936
TCGA-GR-A4D4-01A	DLBC	3.588689648	5.869938969	1.066174616
TCGA-A7-A26F-01B	BRCA	4.78653294	1.819293428	0.121557945
TCGA-HD-8635-01A	HNSC	3.96444211	2.452213306	0.03083817
TCGA-D1-A1O7-01A	UCEC	3.973005348	3.520270567	0.180818971
TCGA-A4-8516-01A	KIRP	2.771406841	1.324005815	0
TCGA-CV-7422-01A	HNSC	4.666761666	2.574426203	0.059540803
TCGA-UF-A7JS-01A	HNSC	3.072377129	4.461592813	0.366079185
TCGA-BH-A0B4-01A	BRCA	2.962638623	3.549248349	0.026911824
TCGA-AK-3425-01A	KIRC	2.780808995	1.433570162	0
TCGA-AA-3696-01A	COAD	3.40576426	3.641643385	0.972406421
TCGA-2Y-A9H9-01A	LIHC	2.2938587	2.94385771	0.150565271
TCGA-58-8387-01A	LUSC	5.374478062	3.836343241	0.74518992
TCGA-19-5960-01A	GBM	3.275626587	4.54318246	1.106072844
TCGA-D1-A1O0-01A	UCEC	4.900331199	4.332718163	2.058002419
TCGA-HC-7233-01A	PRAD	2.888196171	0.975405873	0.065778842
TCGA-5P-A9KH-01A	KIRP	3.204606639	1.916598126	0
TCGA-C8-A1HG-01A	BRCA	3.511806925	4.413242033	0.117062755
TCGA-36-1580-01A	OV	3.341363965	2.892328687	0.008595242
TCGA-HC-7212-01A	PRAD	2.653227482	1.435475724	0.077964304
TCGA-13-1498-01A	OV	4.519193108	3.437779496	0.07989659
TCGA-25-1317-01A	OV	4.436709705	3.695267073	0.458450603
TCGA-B2-3923-01B	KIRC	3.196718868	0.623100229	0
TCGA-FT-A61P-01A	BLCA	3.384733778	4.617342598	0.151718162
TCGA-AH-6643-01A	READ	3.283669655	3.169619236	0.274577362
TCGA-QU-A6IM-01A	PRAD	3.176046415	1.797141247	0.030413938
TCGA-CS-6667-01A	LGG	4.443502371	1.167044686	0.00956777
TCGA-BC-A69I-01A	LIHC	1.923265458	1.202901403	0.031484034
TCGA-DV-5569-01A	KIRC	2.831507522	2.349878671	0
TCGA-37-A5EM-01A	LUSC	4.115677531	4.206281343	0.339041049
TCGA-V4-A9ES-01A	UVM	5.433058494	3.036952229	0.056675068
TCGA-CQ-7071-01A	HNSC	2.931643715	2.148573848	0.09120197
TCGA-KK-A8II-01A	PRAD	3.4618484	1.450102408	0.223712928
TCGA-E2-A1LA-01A	BRCA	4.492069041	3.843148836	0.056009412
TCGA-AX-A1C8-01A	UCEC	4.245778154	3.302096813	0.164896616
TCGA-C8-A27B-01A	BRCA	4.309690934	3.564705928	0.153868334
TCGA-BH-A0DT-01A	BRCA	3.603995098	1.585313013	0.005894195
TCGA-YT-A95D-01A	THYM	3.938608879	1.303055693	0.270382667
TCGA-HT-A4DV-01A	LGG	3.946818135	2.783011166	0.045866975
TCGA-N5-A59E-01A	UCS	4.299313019	4.52988384	1.223655052

TCGA-FB-AAPU-01A	PAAD	3.652477985	2.684350667	0.062800168
TCGA-AN-A0XU-01A	BRCA	4.371088772	3.976325811	0.123482277
TCGA-VQ-A8E2-01A	STAD	4.601275929	4.476517686	1.296323133
TCGA-BQ-5880-01A	KIRP	1.24160621	0.999027837	0.007869803
TCGA-HB-A2OT-01A	SARC	2.113624287	3.832380032	0
TCGA-DX-A1L1-01A	SARC	3.386421858	4.241526444	0.065471266
TCGA-KQ-A41Q-01A	BLCA	5.104468542	4.872541459	1.333660305
TCGA-26-5133-01A	GBM	4.00385656	3.711569091	0.013703836
TCGA-GM-A2DD-01A	BRCA	3.466891875	3.211929646	0.092834596
TCGA-2Y-A9H2-01A	LIHC	4.396598802	3.610473896	0.087651191
TCGA-UY-A9PD-01A	BLCA	4.789491393	3.346183853	0.456087682
TCGA-BP-4962-01A	KIRC	1.750494653	3.069848267	0.02116494
TCGA-D1-A16B-01A	UCEC	3.676976783	2.328383561	0.767209749
TCGA-CV-A45U-01A	HNSC	4.0749724	4.158863257	0.223605216
TCGA-OY-A56Q-01A	OV	4.015958687	3.108636968	0.127248382
TCGA-BP-4770-01A	KIRC	2.646906742	2.669170209	0
TCGA-60-2712-01A	LUSC	4.496396799	3.086101317	0.2090784
TCGA-EK-A2H0-01A	CESC	5.604499266	4.262041272	0.504238437
TCGA-99-AA5R-01A	LUAD	3.324345289	2.557099529	0.087564089
TCGA-E9-A54X-01A	BRCA	3.758885782	2.837071399	0.188715318
TCGA-A4-A5Y1-01A	KIRP	2.765123585	2.4101288	0.044489257
TCGA-CV-7238-01A	HNSC	4.055742151	2.784000965	0.246804099
TCGA-22-4605-01A	LUSC	2.140679786	2.437266154	0.015571493
TCGA-DD-A4NG-01A	LIHC	2.510026076	3.082407249	0.181621784
TCGA-13-1497-01A	OV	4.293380806	4.770156581	0.395709463
TCGA-DG-A2KK-01A	CESC	4.571191783	5.050723348	0.319038092
TCGA-05-4397-01A	LUAD	3.238472156	5.43537605	0.118063136
TCGA-JY-A6FB-01A	ESCA	3.865607829	3.889284886	0.186189339
TCGA-PZ-A5RE-01A	PAAD	3.239327394	2.439597386	0.016211115
TCGA-EL-A3GX-01A	THCA	2.972434924	3.142154316	0
TCGA-EY-A1GI-01A	UCEC	4.210912614	2.614406313	0.555987375
TCGA-E8-A438-01A	THCA	2.961107743	1.883955688	0
TCGA-98-A53B-01A	LUSC	4.963872087	3.613424932	0.096471808
TCGA-XF-AAN7-01A	BLCA	4.229415852	4.769372503	0.414236782
TCGA-HU-8604-01A	STAD	4.574781661	4.262061614	0.623577321
TCGA-2Z-A9JD-01A	KIRP	2.216513727	1.359061968	0
TCGA-CG-4436-01A	STAD	3.736604341	4.028912464	0.086327912
TCGA-KL-8326-01A	KICH	2.184236503	1.549798131	0
TCGA-50-8457-01A	LUAD	3.347219741	1.264358826	0.420526651
TCGA-A2-A3XX-01A	BRCA	3.619468764	4.670511461	1.060339862
TCGA-W5-AA30-01A	CHOL	3.420877646	4.107326466	0.156684645
TCGA-AR-A1AS-01A	BRCA	3.303019956	3.052108702	0.092850025
TCGA-AG-A015-01A	READ	3.167368573	3.044671749	0.357120247
TCGA-YL-A8HL-01A	PRAD	2.728017327	1.413098777	0.012279542

TCGA-BP-4803-01A	KIRC2	950792985	1.183053123	0.014686722
TCGA-KU-A66S-01A	HNSC	4.90170667	3.283891172	0.563977567
TCGA-H2-A26U-01A	THCA	2.780637938	2.016565462	0
TCGA-44-6775-01C	LUAD	3.605716016	1.474062393	0.068762364
TCGA-DS-A0VM-01A	CESC	4.019885473	4.180753514	0.20325535
TCGA-98-A539-01A	LUSC	4.843547313	4.066559338	0.192495091
TCGA-CJ-4899-01A	KIRC3	258023624	1.740465684	0.031173622
TCGA-QF-A5YS-01A	UCEC	4.559821674	3.85982733	0.238597903
TCGA-BC-A3KF-01A	LIHC	2.450545785	2.554033067	0
TCGA-J8-A3YE-01A	THCA	4.055115546	3.088293617	0
TCGA-A3-A8OW-01A	KIRC3	394326434	1.429796859	0
TCGA-OL-A5RU-01A	BRCA	3.748562873	1.998837118	0.040321228
TCGA-EA-A3HT-01A	CESC	3.440192424	3.687319153	0.019972426
TCGA-FK-A3SG-01A	THCA	1.924061973	2.796917437	0
TCGA-64-5774-01A	LUAD	3.032203739	4.19407829	0.266485886
TCGA-EW-A1PF-01A	BRCA	2.414803589	2.666125435	0.049304839
TCGA-AO-A03T-01A	BRCA	2.734937993	3.512693417	0.053348006
TCGA-TM-A84I-01A	LGG	4.190159075	3.868377086	0.005813664
TCGA-CN-4723-01A	HNSC	4.479744574	3.868109645	0.173693104
TCGA-13-0893-01B	OV	3.701219519	5.295754196	0.037588204
TCGA-HC-7820-01A	PRAD	3.003424525	0.933440838	0.075897011
TCGA-44-8117-01A	LUAD	4.064336378	3.66992183	0.288749932
TCGA-BP-4965-01A	KIRC2	67621826	1.793725129	0.006408334
TCGA-AG-A008-01A	READ	3.67887034	3.757412488	1.135689614
TCGA-AR-A0TV-01A	BRCA	2.828432072	4.756159633	0.073401987
TCGA-29-1776-01A	OV	3.736944488	3.528512442	0.151713456
TCGA-A3-3352-01A	KIRC3	609368293	1.556180547	0.024282081
TCGA-J9-A52B-01A	PRAD	3.967161155	2.819245621	0.181379118
TCGA-A6-5659-01B	COAD	3.479257659	2.355570853	0.117138106
TCGA-MY-A5BE-01A	CESC	4.549968733	4.395640244	0.169941879
TCGA-61-1728-01A	OV	3.430702046	5.057909546	0.271462157
TCGA-AN-A0FV-01A	BRCA	2.115806271	3.487484356	0.040310812
TCGA-57-1994-01A	OV	4.365173254	3.67750676	0.552200486
TCGA-A6-6650-01A	COAD	3.831772361	4.737899832	0.582501781
TCGA-F9-A97G-01A	KIRP	1.972616683	1.904584776	0.022899252
TCGA-Q1-A5R3-01A	CESC	3.247919839	4.760642917	0.075921241
TCGA-ZX-AA5X-01A	CESC	4.121137447	3.626504557	0.237795849
TCGA-OR-A5JG-01A	ACC	2.378716122	4.455087491	0.679090445
TCGA-FD-A3B6-01A	BLCA	4.151894679	4.601409077	0.366316762
TCGA-ET-A39L-01A	THCA	2.15833517	0.965812888	0
TCGA-AG-3593-01A	READ	4.681738713	4.314131019	0.925922097
TCGA-BH-A0AZ-01A	BRCA	2.430271776	1.523185748	0.030605824
TCGA-G9-6361-01A	PRAD	2.949886328	0.935004836	0.057532517
TCGA-IA-A83V-01A	KIRP	2.228012979	1.497829845	0.026511908

TCGA-66-2759-01A	LUSC	3.910357622	3.429344113	0.103583389
TCGA-98-8022-01A	LUSC	3.834650956	3.540566134	0.516226667
TCGA-J2-A4AD-01A	LUAD	3.567762847	4.165455547	0.105989123
TCGA-B5-A1MY-01A	UCEC	3.472176815	3.777235775	0.430214296
TCGA-AG-3742-01A	READ	4.573000916	4.053819008	0.178575642
TCGA-BR-4371-01A	STAD	4.003344841	2.685380639	0.16924274
TCGA-2W-A8YY-01A	CESC	4.024081999	4.316645708	1.027993833
TCGA-D9-A3Z4-01A	SKCM	3.656078105	3.686027563	0.361158989
TCGA-AC-A3TN-01A	BRCA	3.560329393	2.876625787	0.026695599
TCGA-G7-7502-01A	KIRP	2.522389119	1.195943498	0.009193462
TCGA-E9-A1RA-01A	BRCA	4.152580095	2.561686979	0.311854746
TCGA-SR-A6MV-01A	PCPG	3.678841848	2.654962682	0
TCGA-AA-3930-01A	COAD	5.401818643	3.540761661	0.45354598
TCGA-C8-A3M8-01A	BRCA	3.231969329	4.381373744	0.045195553
TCGA-V4-A9EU-01A	UVM	4.484369003	1.824727697	0.012003883
TCGA-DX-A8BZ-01A	SARC	2.6783016	4.7048825	0.184429898
TCGA-09-2054-01A	OV	4.343306492	4.370161102	0.047915349
TCGA-RY-A83Y-01A	LGG	4.927790266	2.869161069	0.240132197
TCGA-WB-A81G-01A	PCPG	3.743202137	2.224158086	0
TCGA-EA-A556-01A	CESC	4.714469103	4.517690994	0.310254902
TCGA-F7-8298-01A	HNSC	3.812851989	4.083397979	0.630707914
TCGA-G9-6366-01A	PRAD	1.932440842	0.770920083	0.038045911
TCGA-DU-8168-01A	LGG	4.626329502	3.637524538	0.123616285
TCGA-FU-A3TX-01A	CESC	4.198906304	4.590082273	0.620451144
TCGA-QQ-A8VF-01A	SARC	3.58112185	4.846785812	0.021696048
TCGA-G3-A5SM-01A	LIHC	1.349939071	2.834352274	0.06943732
TCGA-TM-A84O-01A	LGG	4.332979157	2.356201909	0.075649202
TCGA-13-1499-01A	OV	4.3566432	4.411103397	0.308595213
TCGA-G4-6299-01A	COAD	4.640939425	3.477167304	0.482536144
TCGA-V4-A9EV-01A	UVM	4.433630343	1.271444929	0.05017221
TCGA-IB-7646-01A	PAAD	1.987949052	2.899951298	0.019543114
TCGA-4G-AAZO-01A	CHOL	4.274055419	2.501977116	0.011837603
TCGA-HC-A6AP-01A	PRAD	3.331583003	2.192826343	0.110802585
TCGA-RQ-A6JB-01A	DLBC	4.053953284	3.957124104	0.3553713
TCGA-WD-A7RX-01A	CHOL	3.813628951	3.854239825	0.156504957
TCGA-DJ-A3VE-01A	THCA	3.64602022	2.184432399	0
TCGA-HU-8244-01A	STAD	3.305182022	3.516990298	0.05804263
TCGA-D7-A4YX-01A	STAD	4.104858558	3.947932374	0.138400173
TCGA-23-1123-01A	OV	4.39606875	5.42436485	0.202326345
TCGA-E9-A1R2-01A	BRCA	3.801609564	2.654787151	0.027640758
TCGA-DD-AADG-01A	LIHC	2.008165635	2.822082134	1.943214491
TCGA-B8-5164-01A	KIRC	1.359263742	1.539581737	0
TCGA-CD-A48C-01A	STAD	3.565884413	3.895179914	0.05989666
TCGA-DM-A1DA-01A	COAD	4.742937699	4.70184123	2.290244664

TCGA-AA-3560-01A	COAD	4.02713988	3.564793393	0.173743466
TCGA-P6-A5OG-01A	ACC4.652957724	3.986219308	0.624866814	
TCGA-EO-A1Y8-01A	UCEC	4.717358187	3.660446366	0.763317814
TCGA-UF-A7JO-01A	HNSC	4.51361066	3.6673485	0.086751342
TCGA-AC-A23H-01A	BRCA	1.927152776	3.014493147	0.016840895
TCGA-EO-A3AZ-01A	UCEC	2.66691883	3.966350022	0.299982268
TCGA-EI-6884-01A	READ	3.762240498	3.610598588	0.333822658
TCGA-CN-6013-01A	HNSC	2.91702769	3.016559456	0.116533287
TCGA-78-7167-01A	LUAD	3.623484084	0.98474831	0.094987829
TCGA-QH-A6CZ-01A	LGG	4.337790031	2.169053476	0.091194547
TCGA-DD-AAD5-01A	LIHC	3.532064241	3.295174789	1.655245369
TCGA-C8-A12W-01A	BRCA	2.178054508	3.596722039	0.150113026
TCGA-A6-2676-01A	COAD	4.608642328	4.506118006	1.020023266
TCGA-ZD-A8I3-01A	CHOL	4.032819474	3.94428369	0.021411633
TCGA-AO-A126-01A	BRCA	2.706045904	2.255613158	0.03576002
TCGA-CV-5440-01A	HNSC	4.077879645	2.057687084	0.114816422
TCGA-B6-A0IH-01A	BRCA	2.627277286	1.283079531	0.00771368
TCGA-RY-A845-01A	LGG	4.466810275	1.800137461	0.00542974
TCGA-AX-A2IO-01A	UCEC	4.887052704	3.780589225	0.91263495
TCGA-K4-A6FZ-01A	BLCA	3.48085488	2.742038104	0.400959085
TCGA-EJ-5526-01A	PRAD	3.413775762	1.125724234	0.009752751
TCGA-UY-A8OC-01A	BLCA	4.115168344	3.1834729	0.111251116
TCGA-AN-A0XT-01A	BRCA	4.276012029	2.581296831	0.246413905
TCGA-BT-A3PH-01A	BLCA	3.374069703	4.123124073	0.023142222
TCGA-44-5644-01A	LUAD	4.611044754	3.939665075	0.914906726
TCGA-E9-A22D-01A	BRCA	3.49903916	3.949033874	0.033353814
TCGA-HN-A2NL-01A	BRCA	6.262441168	5.070755093	1.499569793
TCGA-HG-A2PA-01A	CESC	3.654001531	5.223025434	0.056993882
TCGA-BF-A1Q0-01A	SKCM	4.722413803	4.960725623	0.250138353
TCGA-AA-3821-01A	COAD	4.87995131	3.320590161	0.503727264
TCGA-D1-A161-01A	UCEC	4.245713102	2.433427527	0.689487023
TCGA-D1-A15W-01A	UCEC	2.94659975	1.611024897	0.072341796
TCGA-3A-A9IR-01A	PAAD	2.807694505	0.50407743	0.149880743
TCGA-4Z-AA80-01A	BLCA	4.324208816	3.449678293	0.677416214
TCGA-IB-7645-01A	PAAD	2.490271795	1.21469569	0.023561615
TCGA-TQ-A7RM-01A	LGG	4.899041743	5.462928383	0
TCGA-B9-A5W8-01A	KIRP	2.257357161	1.742603953	0
TCGA-99-8028-01A	LUAD	3.691867336	2.609376272	0.338295854
TCGA-XF-AAN1-01A	BLCA	4.821326666	3.791508776	0.170911888
TCGA-RC-A6M4-01A	LIHC	2.023666998	2.9681950.159424378	
TCGA-E9-A243-01A	BRCA	3.761068599	2.777847501	0.048232395
TCGA-A8-A093-01A	BRCA	2.090219028	2.291474697	0.02816013
TCGA-B0-4834-01A	KIRC2.519983797	1.36988824	0	
TCGA-LL-A5YN-01A	BRCA	4.324219607	3.437263293	0.357703182

TCGA-YT-A95E-01A	THYM	5.331371156	4.077568903	2.610798096
TCGA-XV-A9W5-01A	SKCM	3.415935409	4.7984903	0.229096847
TCGA-BJ-A28R-01A	THCA	2.734423802	1.737461275	0.003467781
TCGA-YL-A8SH-01B	PRAD	3.477119032	2.208309817	0.138421227
TCGA-YZ-A985-01A	UVM	5.315624094	3.109535506	0.09799187
TCGA-DU-A76O-01A	LGG	4.566331449	2.9909495	0
TCGA-C8-A12N-01A	BRCA	3.302308396	1.373123105	0.022243611
TCGA-BT-A3PK-01A	BLCA	3.323719981	3.952720312	0.220206048
TCGA-EO-A2CG-01A	UCEC	4.813641659	3.713260903	0.695969287
TCGA-F5-6702-01A	READ	2.664854991	3.313762116	0.143393973
TCGA-39-5029-01A	LUSC	3.241105644	3.138058081	0.055125641
TCGA-VS-A9UM-01A	CESC	4.163507016	4.398851982	0.016540212
TCGA-BR-A4IV-01A	STAD	2.120072704	1.381150839	0.123767593
TCGA-D1-A165-01A	UCEC	3.966490324	2.835011406	0.480729683
TCGA-A8-A08Z-01A	BRCA	3.477536891	2.02986475	0.024707982
TCGA-CV-7095-01A	HNSC	1.949344089	2.360888585	0.01936489
TCGA-FD-A3SR-01A	BLCA	3.428341588	4.678408567	0.160767399
TCGA-BH-A0DL-01A	BRCA	4.462233634	4.088677995	0.025637128
TCGA-EJ-7327-01A	PRAD	2.88375982	1.226104519	0.069629249
TCGA-RW-A680-01A	PCPG	2.738736073	2.244458262	0.01469598
TCGA-CW-6097-01A	KIRC	2.65150589	1.892128013	0.045640685
TCGA-HC-A6AL-01A	PRAD	3.836722251	2.12407555	0.104907662
TCGA-LL-A73Y-01A	BRCA	3.308890109	2.715037278	0.359595017
TCGA-DD-AAEE-01A	LIHC	2.793550432	3.243868162	0.094551883
TCGA-AR-A5QQ-01A	BRCA	3.32210747	3.834972725	0.455495282
TCGA-BQ-7044-01A	KIRP	1.580177143	2.363471108	0.008739537
TCGA-RB-A7B8-01A	PAAD	2.857632435	2.11615769	0.049863564
TCGA-D5-6932-01A	COAD	4.566063109	3.609929073	0.761418391
TCGA-31-1944-01A	OV	4.24812663	4.406557782	0.144797366
TCGA-CV-7177-01A	HNSC	2.091183041	2.251951914	0.053675915
TCGA-EW-A1P6-01A	BRCA	3.411590664	2.953105299	0.149896925
TCGA-HZ-8001-01A	PAAD	3.186120427	1.932683474	0.020407207
TCGA-86-A456-01A	LUAD	3.716903992	2.418552635	0.104958448
TCGA-D7-A747-01A	STAD	2.877929431	1.562456558	0.219862151
TCGA-YU-A94I-01A	TGCT	4.880002112	3.909997134	0.177416606
TCGA-DU-8161-01A	LGG	2.595335101	2.273105747	0.025661238
TCGA-HC-7819-01A	PRAD	3.411178163	1.391630855	0.052625435
TCGA-31-1946-01A	OV	4.117951026	4.503297925	0.221940568
TCGA-13-0800-01A	OV	3.366208254	3.669339505	0.128611384
TCGA-CR-6487-01A	HNSC	4.144281601	3.718633668	0.499842629
TCGA-A7-A6VX-01A	BRCA	3.531646402	4.180219887	0.25299454
TCGA-BR-4368-01A	STAD	4.690919596	2.761338187	0.153375331
TCGA-AA-3529-01A	COAD	4.338645693	3.428892391	0.238050307
TCGA-66-2792-01A	LUSC	4.109515814	3.591056749	0.344878001

TCGA-B1-A656-01A	KIRP	2.346480983	1.249530514	0.005325401
TCGA-V3-A9ZY-01A	UVM	4.367145212	2.195405234	0.01493982
TCGA-55-8203-01A	LUAD	3.912705813	3.250152679	0.149790369
TCGA-85-7697-01A	LUSC	4.294223845	2.927970844	0.250430657
TCGA-XA-A8JR-01A	PRAD	3.202317508	1.099859006	0.069836138
TCGA-E2-A14Z-01A	BRCA	4.34930534	3.086578618	0.019096416
TCGA-EB-A24D-01A	SKCM	3.203705006	3.655487075	0.091383857
TCGA-LN-A49M-01A	ESCA	3.555829263	2.286481733	0.04336526
TCGA-CJ-5672-01A	KIRC	2.03540802	1.746271869	0.015270779
TCGA-A6-6780-01B	COAD	4.259225847	1.103075603	0.255697574
TCGA-PN-A8MA-01A	CESC	5.079471598	6.018116872	0.752741741
TCGA-FG-8187-01A	LGG	3.956158035	2.268314202	0.070931948
TCGA-43-A56U-01A	LUSC	4.914682098	3.744520656	0.246454373
TCGA-EM-A3FJ-01A	THCA	3.440079765	1.797560507	0
TCGA-BR-8683-01A	STAD	3.048111778	3.314033333	0.099788041
TCGA-B9-A8YI-01A	KIRP	1.801116189	1.746948804	0.007045824
TCGA-A8-A07L-01A	BRCA	3.838962587	5.23424713	0.505141124
TCGA-CM-6168-01A	COAD	3.370420761	3.124022409	0.47837602
TCGA-AX-A0IW-01A	UCEC	4.565536649	4.715647775	0.602516535
TCGA-AX-A2H5-01A	UCEC	3.622315536	3.693346946	0.161618676
TCGA-06-5416-01A	GBM	3.817319749	3.933312401	0
TCGA-AO-A0JI-01A	BRCA	2.731682907	3.987804327	0.034506067
TCGA-BS-A0U8-01A	UCEC	4.595382768	3.196536544	0.577334459
TCGA-LN-A7HY-01A	ESCA	3.984615704	3.981192324	0.234722683
TCGA-VR-A8EO-01A	ESCA	4.852105397	4.083064943	0.283684497
TCGA-B6-A0I5-01A	BRCA	3.10113052	2.121947041	0.064599411
TCGA-E9-A1RB-01A	BRCA	4.821890795	4.296507008	0.18704807
TCGA-VT-A80G-01A	SARC	3.301323315	3.884624879	0
TCGA-DD-AAD3-01A	LIHC	1.812063697	1.423113902	2.487522418
TCGA-BP-5000-01A	KIRC	2.121703727	1.805152554	0.004552521
TCGA-AA-A02W-01A	COAD	4.618358513	3.587622385	1.265535007
TCGA-FP-A4BF-01A	STAD	3.915340458	3.280958611	0.432988048
TCGA-56-6545-01A	LUSC	2.714932689	2.536455536	0.040226065
TCGA-AA-A00N-01A	COAD	3.49263189	3.461513145	0.25420222
TCGA-G9-6496-01A	PRAD	3.40877187	2.576679501	0.007810663
TCGA-04-1519-01A	OV	4.814037453	2.542129588	0.098020589
TCGA-EK-A2PK-01A	CESC	4.240923474	3.768088836	0.497358263
TCGA-A8-A07F-01A	BRCA	3.350082687	2.149724818	0.04831778
TCGA-BP-5177-01A	KIRC	3.787074894	1.24269323	0
TCGA-FG-A70Z-01A	LGG	3.137896677	3.424579833	0.097493179
TCGA-A5-A0G1-01A	UCEC	3.845859015	3.275303411	0.02644325
TCGA-20-1687-01A	OV	2.698469673	2.778853414	0.040740372
TCGA-BA-5558-01A	HNSC	3.396719686	2.122442299	0.49242175
TCGA-FG-5965-01B	LGG	3.966914909	2.1852481	0

TCGA-CU-A0YR-01A	BLCA	4.089007697	3.915738021	0.015013042
TCGA-HU-A4G9-01A	STAD	3.247343117	3.499835302	0.194752526
TCGA-B6-A0IQ-01A	BRCA	5.34729804	4.186308376	0.032687503
TCGA-DJ-A4UQ-01A	THCA	3.233470431	1.721657536	0.005247254
TCGA-DC-6160-01A	READ	3.011312646	3.764456933	0.768011766
TCGA-IG-A6QS-01A	ESCA	4.40301319	3.484508513	0.202356389
TCGA-AF-3400-01A	READ	3.288612744	3.612872892	0.468567918
TCGA-43-6143-01A	LUSC	4.825697139	4.369149248	0.281001121
TCGA-V5-AASX-01A	ESCA	2.619992238	3.595547843	0.233039439
TCGA-A8-A09N-01A	BRCA	3.784052265	3.801685335	0.141638842
TCGA-19-1787-01B	GBM	3.963406383	5.036062318	0.011787492
TCGA-AS-3777-01A	KIRC1.94	2.24563	2.82861981	2.146461825
TCGA-ZG-A9L1-01A	PRAD	3.132822748	2.193528525	0.059964715
TCGA-IB-7886-01A	PAAD	4.111730151	2.115888379	0.076657544
TCGA-CA-6719-01A	COAD	3.806536566	3.635522017	0.423327617
TCGA-BJ-A2N9-01A	THCA	2.656471211	2.592927909	0
TCGA-44-3396-01A	LUAD	3.305261834	3.448410367	0.612915768
TCGA-F7-8489-01A	HNSC	2.778902028	2.726149949	0.030404919
TCGA-DB-A75M-01A	LGG 4.01	1.1482237	2.018623377	0
TCGA-XJ-A83H-01A	PRAD	3.451951523	1.691943211	0.042564649
TCGA-BG-A0YV-01A	UCEC	4.127298516	3.502843925	0.215882429
TCGA-A2-A0EM-01A	BRCA	2.396614033	2.570800997	0.005228479
TCGA-Y8-A896-01A	KIRP 2.93	6751698	1.794667225	0
TCGA-W5-AA2T-01A	CHOL	4.467051724	4.964011162	0.11310516
TCGA-D8-A1JJ-01A	BRCA	3.513340506	2.670268187	0.088655902
TCGA-DE-A4MB-01A	THCA	2.32044639	2.204387848	0.039591071
TCGA-AC-A5EH-01A	BRCA	3.223626989	4.186651542	0.005918764
TCGA-55-7573-01A	LUAD	2.957959893	1.50506359	0.073773106
TCGA-D7-5577-01A	STAD	2.68455738	3.40664979	0.24096868
TCGA-CJ-4918-01A	KIRC 2.83	4255194	1.604680903	0.047738861
TCGA-2G-AALT-01A	TGCT	3.9107067	3.837721071	0.662053491
TCGA-MK-A84Z-01A	THCA	2.887911184	2.658778476	0
TCGA-EL-A3T1-01A	THCA	3.017427138	3.243762278	0
TCGA-UF-A7JK-01A	HNSC	3.225083939	3.285029238	0.095437143
TCGA-AA-3833-01A	COAD	3.670860838	3.45991685	0.148312598
TCGA-VS-A94W-01A	CESC	4.617610774	5.00814161	0.824936759
TCGA-EW-A2FS-01A	BRCA	5.31884701	3.144628279	0.069359106
TCGA-32-2616-01A	GBM	3.640121382	4.685530297	0.004975495
TCGA-N8-A4PI-01A	UCS 5.46	5035245	3.805306025	0.05098417
TCGA-G3-A25V-01A	LIHC	1.849549318	1.288887529	0.028235985
TCGA-DU-A5TT-01A	LGG 3.16	6977101	2.675671483	0.167589743
TCGA-A3-3387-01A	KIRC 3.47	5790942	2.338043087	0.004651977
TCGA-E7-A7PW-01A	BLCA	4.082757822	4.533400707	0.089964074
TCGA-B0-4833-01A	KIRC 3.68	7496263	2.237454414	0.024772249

TCGA-ED-A627-01A	LIHC	2.174283622	1.436811915	0.006198509
TCGA-DD-AAE7-01A	LIHC	2.022170552	0.877914758	0.029484846
TCGA-MY-A5BF-01A	CESC	4.218628596	4.173810932	0.044410242
TCGA-X4-A8KQ-01A	PRAD	3.837655602	1.761883675	0.019662031
TCGA-VQ-A927-01A	STAD	2.874443016	2.36571709	0.347380276
TCGA-LN-A49P-01A	ESCA	3.969081265	3.3989087	0.156798109
TCGA-DB-A64V-01A	LGG	4.389662443	2.72422208	0.068008548
TCGA-XQ-A8TB-01A	PRAD	3.824861998	1.359004882	0.134550913
TCGA-3H-AB3X-01A	MESO	4.105374344	2.434187571	0.03671258
TCGA-CN-6994-01A	HNSC	2.835027168	3.410440245	0.025886365
TCGA-BT-A2LD-01A	BLCA	3.452986265	3.893802971	0.164316371
TCGA-OL-A66L-01A	BRCA	3.51343208	2.551761939	0.037247401
TCGA-BH-A18S-01A	BRCA	2.833208046	1.353393364	0.030348209
TCGA-DJ-A4UT-01A	THCA	2.729475394	1.776715118	0.012768976
TCGA-CR-7404-01A	HNSC	3.923967721	4.377007702	0.600590698
TCGA-CG-4440-01A	STAD	4.8219082	3.310108336	0.291211223
TCGA-BP-4343-01A	KIRC2	3.369937817	1.044613777	0
TCGA-A7-A5ZW-01A	BRCA	3.440391947	1.770722914	0.012956037
TCGA-EM-A3AO-01A	THCA	3.160589906	1.486328711	0
TCGA-RW-A68A-01A	PCPG	3.542678052	1.873581751	0
TCGA-G3-A25T-01A	LIHC	3.296079196	3.236743142	0.07308808
TCGA-B9-A44B-01A	KIRP	3.440517136	2.818387703	0.027999938
TCGA-29-1761-01A	OV	4.582997885	4.306885078	0.058340887
TCGA-E9-A1N5-01A	BRCA	4.988817016	3.627002732	0.151347628
TCGA-RW-A67Y-01A	PCPG	4.046110227	2.929798229	0
TCGA-AF-A56N-01A	READ	4.533576744	4.45545713	1.97473283
TCGA-HC-7745-01A	PRAD	3.663801686	0.908799038	0.118667327
TCGA-5K-AAAP-01A	THYM	4.809737543	3.707884859	2.633507062
TCGA-69-A59K-01A	LUAD	4.031239493	3.753190375	0.074020881
TCGA-CN-A6UY-01A	HNSC	4.738053753	6.253914126	1.07042986
TCGA-PG-A917-01A	UCEC	4.973862267	2.475752716	0.158970605
TCGA-4E-A92E-01A	UCEC	3.702746099	2.089979518	0.161828559
TCGA-D1-A175-01A	UCEC	3.993846476	4.055067067	0.373299133
TCGA-Q3-AA2A-01A	PAAD	4.227106474	2.087423227	0.263339159
TCGA-D8-A27L-01A	BRCA	3.108329345	2.060012944	0.047289914
TCGA-DH-A7UV-01A	LGG	4.65899771	1.408548975	0
TCGA-34-5929-01A	LUSC	3.611892945	3.283559531	0.682348616
TCGA-S7-A7WL-01A	PCPG	3.149270476	0.881812069	0
TCGA-V1-A9ZK-01A	PRAD	3.044302205	1.601756789	0.020797607
TCGA-HC-8213-01A	PRAD	3.682537553	0.638114002	0.148484295
TCGA-HC-7738-01A	PRAD	3.137516869	1.612835306	0.145385863
TCGA-AA-A00D-01A	COAD	4.045807193	4.025722228	0.429590217
TCGA-A7-A0CG-01A	BRCA	2.670564422	1.926679272	0
TCGA-VQ-A8P8-01A	STAD	3.047341394	2.250880162	0.113722356

TCGA-38-4629-01A	LUAD	2.486978813	3.523116101	0.003944242
TCGA-24-2289-01A	OV	3.882250067	2.11987494	0.290183372
TCGA-66-2757-01A	LUSC	4.909540103	5.576829578	1.288217402
TCGA-A5-A0GX-01A	UCEC	2.352967135	2.738516597	0.100018876
TCGA-85-A53L-01A	LUSC	3.94336905	3.567146567	0.091432236
TCGA-D6-A6ES-01A	HNSC	1.488833055	2.705945346	0.165632441
TCGA-V4-A9EZ-01A	UVM	4.736255366	2.547582955	0.034215828
TCGA-IR-A3LH-01A	CESC	3.724380845	4.435049824	0.086522686
TCGA-G3-AAV0-01A	LIHC	1.754336629	1.894944313	0.075959005
TCGA-DM-A0XD-01A	COAD	4.327035698	4.013666701	0.506554345
TCGA-EP-A2KA-01A	LIHC	3.271722425	2.720564929	0.082429588
TCGA-BJ-A3PU-01A	THCA	3.13561323	3.458902061	0
TCGA-AG-3731-01A	READ	3.930089118	3.963658158	1.174532695
TCGA-L5-A8NL-01A	ESCA	2.889743846	3.773979315	1.18825646
TCGA-E9-A1N9-01A	BRCA	3.51529138	4.10141724	0.171148611
TCGA-YL-A8SQ-01B	PRAD	4.568687546	1.709584589	0.209898897
TCGA-CA-5254-01A	COAD	4.035369543	3.803445955	0.551973575
TCGA-BS-A0U5-01A	UCEC	3.774729176	2.305559618	0.102641472
TCGA-S9-A7QX-01A	LGG	4.527650328	2.562095831	0
TCGA-CJ-4902-01A	KIRC3	2.269872544	1.667871219	0.135963118
TCGA-E2-A1II-01A	BRCA	5.52354879	3.955629973	0.27580677
TCGA-AG-A020-01A	READ	4.257022649	4.805908484	1.152065756
TCGA-4V-A9QT-01A	THYM	5.469950063	4.352223058	3.536174662
TCGA-XF-AAMT-01A	BLCA	4.681333047	2.426152676	0.44754839
TCGA-DK-A1A5-01A	BLCA	2.763641116	2.94827249	0.062338267
TCGA-VP-AA1N-01A	PRAD	2.675655522	2.065648482	0.018902791
TCGA-G4-6323-01A	COAD	3.443341692	2.68283015	0.383048891
TCGA-21-1076-01A	LUSC	4.04978212	3.470465707	0.268020504
TCGA-06-0747-01A	GBM	4.096358774	3.660837886	0.526255253
TCGA-CV-6953-01A	HNSC	3.227812432	1.432416588	0.081144893
TCGA-56-7731-01A	LUSC	2.300283346	2.375434523	0.274287206
TCGA-IN-8462-01A	STAD	2.26466161	1.719250777	0.137190348
TCGA-29-1784-01A	OV	4.386240967	4.695081609	0.217523753
TCGA-A5-A7WK-01A	UCEC	3.658466705	3.527408531	0.146642314
TCGA-BH-A0DG-01A	BRCA	2.639823804	2.361148184	0.029289025
TCGA-BT-A20Q-01A	BLCA	3.218503084	1.837810858	0.116801586
TCGA-BM-6198-01A	READ	4.187532939	3.77357542	0.826647655
TCGA-AR-A1AW-01A	BRCA	4.077434508	2.807747396	0.152157078
TCGA-44-2668-01A	LUAD	2.888033114	3.413869931	0.054057295
TCGA-CH-5765-01A	PRAD	3.289858403	1.299750243	0.117281131
TCGA-4V-A9QJ-01A	THYM	4.967824222	4.729161306	2.572479424
TCGA-ZM-AA0E-01A	TGCT	4.70512751	3.667029258	0.327847464
TCGA-13-0905-01B	OV	3.896704923	3.695018163	0.118923371
TCGA-PT-A8TR-01A	SARC	4.558076251	3.24192503	0.085265122

TCGA-75-6205-01A	LUAD	3.599036909	2.656219073	0.012788716
TCGA-CV-7099-01A	HNSC	2.994765483	2.842914566	0.069189163
TCGA-BP-4334-01A	KIRC4.00141889	2.216210124	0	
TCGA-EJ-5511-01A	PRAD	3.345864933	0.775033574	0.068764036
TCGA-CV-A6JM-01A	HNSC	3.574513283	3.742188666	0.211392802
TCGA-KK-A6E2-01A	PRAD	3.902687475	1.662892603	0.023593316
TCGA-E9-A1RC-01A	BRCA	3.392319606	3.765079562	0.014397143
TCGA-VP-A87K-01A	PRAD	4.013960168	1.57590194	0.197231386
TCGA-2L-AAQJ-01A	PAAD	2.466165254	2.33434976	0.112412002
TCGA-36-1576-01A	OV	3.964126007	4.730154469	0.088926414
TCGA-DW-7837-01A	KIRP3.192780622	0.565231938	0	
TCGA-BH-A208-01A	BRCA	2.333712947	1.452562506	0
TCGA-63-A5MV-01A	LUSC	4.983400766	3.002653715	0.248188605
TCGA-AO-A1KS-01A	BRCA	5.023403478	2.645695613	0.054843805
TCGA-IE-A3OV-01A	SARC	2.72590278	5.010982581	0
TCGA-85-A513-01A	LUSC	4.105152395	4.227886816	0.102848881
TCGA-29-1783-01A	OV	4.299015203	4.181639458	0.147588045
TCGA-E8-A436-01A	THCA	2.917270144	2.21002189	0.004510837
TCGA-M7-A720-01A	PRAD	3.35172702	1.257858764	0.021186554
TCGA-2H-A9GI-01A	ESCA	3.598753406	3.173767517	0.102164263
TCGA-R8-A73M-01A	LGG	4.623700542	2.495117039	0.206872806
TCGA-32-2638-01A	GBM	2.987875887	2.96997723	0.274842051
TCGA-05-4433-01A	LUAD	1.949244181	2.562177734	0.019400367
TCGA-D1-A102-01A	UCEC	2.936946461	2.850023657	0.076647215
TCGA-D1-A15V-01A	UCEC	3.904590196	3.848304164	0.263750444
TCGA-EJ-7321-01A	PRAD	3.657211853	1.047472055	0.112130408
TCGA-G8-6324-01A	DLBC	3.772617062	3.414422222	0.827533738
TCGA-BP-4790-01A	KIRC2.947566328	1.779899701	0.031288153	
TCGA-A3-3349-01A	KIRC3.787560827	1.646014712	0	
TCGA-CQ-6218-01A	HNSC	2.284853927	2.155792063	0.027796673
TCGA-VS-AA62-01A	CESC	4.210187462	4.081023239	0.774731668
TCGA-HE-A5NI-01A	KIRP2.911581917	1.717061835	0	
TCGA-KP-A3W0-01A	UCEC	4.740444145	3.517052161	0.258690565
TCGA-WA-A7H4-01A	HNSC	4.565561289	2.949649031	0.021668001
TCGA-25-2398-01A	OV	4.196851896	4.615291739	0.047961833
TCGA-AX-A1CK-01A	UCEC	4.861558353	3.801594996	0.873201158
TCGA-XV-AAZY-01A	SKCM	2.538778471	4.487933929	0.369594744
TCGA-BP-4330-01A	KIRC3.745579938	1.626454496	0.356785591	
TCGA-BK-A13B-01A	UCEC	2.757063191	2.508774225	0.025751259
TCGA-DW-7839-01A	KIRP3.043139565	2.822106231	0	
TCGA-BT-A20T-01A	BLCA	3.752019613	2.476786198	0.261478757
TCGA-OR-A5J7-01A	ACC	4.395975993	4.311753106	0.110965499
TCGA-AR-A0TP-01A	BRCA	3.817890334	4.129753189	0.449676222
TCGA-C8-A12T-01A	BRCA	3.394862842	2.537292814	0.01703689

TCGA-C9-A480-01A	HNSC	4.538547889	2.474782432	0.300422462
TCGA-D1-A1NY-01A	UCEC	3.442014166	3.3433345	0.429804807
TCGA-DX-A23Z-01A	SARC	2.660924425	3.643292722	0
TCGA-GS-A9U4-01A	DLBC	4.455000566	4.181107579	0.529116441
TCGA-59-A5PD-01A	OV	4.633476169	4.481162185	0.036160324
TCGA-VM-A8CA-01A	LGG	3.759537826	1.448321997	0.041026786
TCGA-GN-A26C-01A	SKCM	2.817417274	3.696901621	0.136534979
TCGA-P5-A5ET-01A	LGG	4.536118207	2.73337793	0.375766251
TCGA-KL-8325-01A	KICH	2.583582132	1.809845184	0
TCGA-QK-A6IG-01A	HNSC	4.856185484	5.010659509	0.364009032
TCGA-BP-4769-01A	KIRC	2.948533026	0.821610148	0
TCGA-97-7938-01A	LUAD	2.768238624	1.569768577	0.050167276
TCGA-HT-7480-01A	LGG	4.357123802	1.579356389	0.245846144
TCGA-XM-A8RC-01A	THYM	4.66846479	4.029799437	3.01938865
TCGA-EO-A1Y5-01A	UCEC	4.350595059	4.80339375	0.288771249
TCGA-FD-A3N5-01A	BLCA	3.32735552	4.166559115	0.256775295
TCGA-E9-A3QA-01A	BRCA	4.876395813	3.743795508	0.830909142
TCGA-EK-A2GZ-01A	CESC	3.925449125	3.972799848	0.023812055
TCGA-EJ-7318-01B	PRAD	3.013730046	1.714008404	0.028268193
TCGA-A2-A0CS-01A	BRCA	2.542629387	1.894991256	0
TCGA-P3-A6T0-01A	HNSC	2.713848719	3.063793133	0.090423183
TCGA-B5-A0JU-01B	UCEC	4.358313428	2.613773088	0.186028833
TCGA-G4-6315-01A	COAD	3.545598214	4.582156494	0.405863644
TCGA-HZ-7918-01A	PAAD	2.364573118	2.071459979	0.033175146
TCGA-DJ-A2PP-01A	THCA	2.583492036	2.362060161	0
TCGA-UF-A7JA-01A	HNSC	3.488823883	3.854927908	0.376411848
TCGA-AA-3966-01A	COAD	4.278446071	2.997781816	1.441117634
TCGA-EB-A3XE-01A	SKCM	3.940386577	2.786576002	0.044309989
TCGA-FV-A3R2-01A	LIHC	2.402178545	3.469201061	0.064314599
TCGA-EJ-7123-01A	PRAD	2.658602726	1.526733593	0.040760033
TCGA-IG-A5S3-01A	ESCA	4.348884466	3.653423268	0.288382211
TCGA-NH-A8F8-01A	COAD	4.803250434	4.236178637	1.032265448
TCGA-DK-A6B5-01A	BLCA	4.006129721	3.784500654	1.321475344
TCGA-BP-4789-01A	KIRC	3.089599968	1.599520035	0
TCGA-G2-AA3B-01A	BLCA	5.228649233	3.916190721	1.064554205
TCGA-CJ-4886-01A	KIRC	2.625422574	1.396177833	0.00539975
TCGA-HW-7487-01A	LGG	4.436776635	1.864675742	0.096825799
TCGA-QH-A6S5-01A	LGG	4.908076112	2.295237383	0
TCGA-33-4583-01A	LUSC	3.979817832	3.792394246	0.050104943
TCGA-22-5485-01A	LUSC	3.894348068	3.351965951	0.293824679
TCGA-DU-7301-01A	LGG	3.749354599	2.584275276	0.068598697
TCGA-D5-6898-01A	COAD	3.850033798	3.930705861	0.342637478
TCGA-GN-A263-01A	SKCM	3.769908006	3.571933322	0.013283727
TCGA-LL-A9Q3-01A	BRCA	3.217985102	3.17319988	0.140631881

TCGA-DB-A75K-01A	LGG	4.3338981	2.667948301	0.161402231
TCGA-96-8170-01A	LUSC	4.056716174	3.536467647	0.02768058
TCGA-DD-A4NA-01A	LIHC	3.125667332	2.67009128	0.571576539
TCGA-G4-6306-01A	COAD	3.403895877	4.190550568	0.726048591
TCGA-EM-A22O-01A	THCA	3.398504814	2.748991591	0.078716268
TCGA-B3-3925-01A	KIRP	3.112011699	0.929671065	0
TCGA-AX-A064-01A	UCEC	3.786085118	3.058879176	2.036303688
TCGA-EM-A2CM-01A	THCA	3.952687631	4.030637695	0.115113671
TCGA-92-8065-01A	LUSC	4.214213698	2.509752023	0.763482527
TCGA-A3-3308-01A	KIRC	3.315656568	1.71935914	0.043851733
TCGA-KO-8417-01A	KICH	2.875136913	2.616813325	0.004819159
TCGA-F2-A7TX-01A	PAAD	2.977223127	3.230538708	0.104002638
TCGA-AA-3660-01A	COAD	4.132773798	4.173445653	0.139184219
TCGA-61-1725-01A	OV	5.073173828	3.514864393	0.192831423
TCGA-G9-6354-01A	PRAD	3.33702324	1.013156525	0.054379637
TCGA-V1-A9OF-01A	PRAD	2.931668538	1.421721895	0.150407076
TCGA-B9-A5W9-01A	KIRP	2.444939339	1.047008509	0.047697707
TCGA-HP-A5MZ-01A	LIHC	2.186570653	1.738614466	0.110972638
TCGA-2G-AAGT-01A	TGCT	4.831855641	4.480751902	0.155966002
TCGA-HZ-7919-01A	PAAD	2.973423114	2.631671918	0
TCGA-AG-A011-01A	READ	3.623680611	4.024129334	0.101584825
TCGA-IW-A3M4-01A	SARC	3.524224055	2.537233095	0
TCGA-A3-3370-01A	KIRC	3.25594591	2.098286436	0.007632503
TCGA-24-1469-01A	OV	4.564254034	5.373541504	0.235335288
TCGA-AA-3851-01A	COAD	3.2912676	3.381466075	0.359804845
TCGA-F4-6854-01A	COAD	3.925199044	4.87590559	0.627878664
TCGA-B5-A5OE-01A	UCEC	4.628810404	4.330805466	0.411855607
TCGA-MY-A5BD-01A	CESC	5.396983921	4.902185479	0.196282174
TCGA-J4-A83L-01A	PRAD	3.627892336	1.164083013	0.128212275
TCGA-EM-A4FK-01A	THCA	2.865452893	2.568936386	0.005192282
TCGA-D8-A1XA-01A	BRCA	3.917491388	3.858914483	0.064369852
TCGA-CQ-5329-01A	HNSC	3.385388803	3.336135444	0.389237822
TCGA-G9-6367-01A	PRAD	1.982210128	0.842971232	0.004661168
TCGA-B6-A2IU-01A	BRCA	3.203199463	3.3197745	0.055865138
TCGA-IB-7654-01A	PAAD	1.886774799	1.066158233	0.011569481
TCGA-IG-A51D-01A	ESCA	3.528276584	4.10178163	0.093652164
TCGA-97-A4M2-01A	LUAD	3.738904575	2.358163675	0.013145085
TCGA-BR-6565-01A	STAD	3.337637886	4.180989927	0.470584014
TCGA-DX-AB3B-01A	SARC	3.76048221	2.60238201	0.038515536
TCGA-24-2024-01A	OV	4.35605758	3.082689235	0.027553096
TCGA-DU-7300-01A	LGG	3.401108316	2.56529471	0.028468777
TCGA-DD-A4NR-01A	LIHC	3.433720018	3.380899593	0.62958368
TCGA-OR-A5K2-01A	ACC	3.366768908	4.596342639	0.411321205
TCGA-86-8358-01A	LUAD	4.351291999	5.322240341	1.24222315

TCGA-CH-5794-01A	PRAD	2.522633136	1.62393958	0.075551343
TCGA-HU-A4HB-01A	STAD	3.264134817	3.112491562	0.393437648
TCGA-CJ-4876-01A	KIRC2	7.68298713	1.465059716	0.045198597
TCGA-SX-A7SL-01A	KIRP	3.256726843	2.941736592	0
TCGA-IS-A3K7-01A	SARC	3.754900988	4.29740429	0
TCGA-A4-7585-01A	KIRP	1.981612165	1.72827687	0.201916873
TCGA-W5-AA2X-01A	CHOL	4.467163061	3.696359451	1.148966192
TCGA-BJ-A45E-01A	THCA	3.235085647	2.54704669	0.084590764
TCGA-25-1627-01A	OV	2.412133907	4.664307259	0.232403241
TCGA-B0-5697-01A	KIRC1	7.40373876	1.767635738	0
TCGA-T1-A6J8-01A	LIHC	2.07612549	1.53725446	0.162627595
TCGA-P5-A780-01A	LGG	4.149768607	1.727266581	0
TCGA-ET-A25G-01A	THCA	2.512947974	3.083376105	0
TCGA-62-A46R-01A	LUAD	4.163720261	4.16881823	0.099925646
TCGA-KB-A6F7-01A	STAD	4.827741736	4.227869536	1.392435567
TCGA-C5-A1MI-01A	CESC	4.119955757	5.602161012	0.181881886
TCGA-06-0686-01A	GBM	4.324493325	3.822112839	0.535017208
TCGA-4Z-AA86-01A	BLCA	3.748162613	4.808103341	1.919705336
TCGA-AA-3522-01A	COAD	3.645790326	2.131214493	0.268832866
TCGA-EJ-A8FS-01A	PRAD	4.378200165	1.935345594	0.011895375
TCGA-3A-A9I9-01A	PAAD	2.964695249	2.142595452	0.019050464
TCGA-AP-A1E0-01A	UCEC	4.083076491	4.317528959	1.703818302
TCGA-A2-A0CM-01A	BRCA	4.150303187	4.204715263	0.013967843
TCGA-AA-3870-01A	COAD	2.869383502	3.906414295	0.188771218
TCGA-MP-A4TI-01A	LUAD	4.407238224	3.324072516	0.124774838
TCGA-OR-A5LT-01A	ACC	2.966130713	3.696198399	3.892548073
TCGA-UY-A8OD-01A	BLCA	3.749942108	3.08293217	1.746965974
TCGA-D1-A2G7-01A	UCEC	4.893604111	3.674779883	0.162599509
TCGA-KO-8406-01A	KICH	2.942336856	2.980819732	0
TCGA-F4-6806-01A	COAD	3.320398881	3.073244177	0.17135269
TCGA-HC-7079-01A	PRAD	3.552128407	1.61993233	0.047628029
TCGA-DW-5561-01A	KIRP	3.151695658	1.774215828	0
TCGA-YC-A8S6-01A	BLCA	3.930698664	2.789830708	0.208289087
TCGA-D7-6526-01A	STAD	3.773039987	3.777582446	2.094805594
TCGA-CX-7086-01A	HNSC	3.806236525	3.135137268	0.586455948
TCGA-29-1770-01A	OV	3.328508466	4.408669733	0.245134366
TCGA-N6-A4VE-01A	UCS	5.03331671	5.375910725	0.233121156
TCGA-BH-A0E6-01A	BRCA	3.645774344	2.8870515	0.05283539
TCGA-FE-A3PD-01A	THCA	2.810579072	1.436325578	0
TCGA-BR-8677-01A	STAD	3.553741935	3.341115301	0.148496528
TCGA-ZN-A9VW-01A	MESO	3.556238613	3.214121817	0.033998071
TCGA-28-1747-01C	GBM	3.449326922	3.173656146	0.385716651
TCGA-HI-7168-01A	PRAD	3.415535069	1.467176456	0.024975862
TCGA-CV-7091-01A	HNSC	3.163125455	2.12074107	0.075710491

TCGA-DC-6681-01A	READ	2.688133611	3.676191988	0.57792324
TCGA-49-6767-01A	LUAD	2.993739518	3.08856337	0.043814806
TCGA-CC-A5UE-01A	LIHC	3.075865251	3.591179394	0.939432341
TCGA-P5-A731-01A	LGG	3.296924966	2.095788011	0.084976913
TCGA-HC-A76W-01A	PRAD	4.043580573	0.992527983	0.060644221
TCGA-A2-A0CV-01A	BRCA	3.064920332	1.035406202	0.008397726
TCGA-D1-A3DA-01A	UCEC	2.501847636	2.2912234	0.01919607
TCGA-BG-A0MG-01A	UCEC	4.133183892	3.371299182	1.249086674
TCGA-EJ-7782-01A	PRAD	2.848296612	2.043932022	0.032038261
TCGA-AA-3842-01A	COAD	3.109784647	4.002932995	0.520786453
TCGA-C5-A7X5-01A	CESC	4.293518956	4.921211002	0.03125191
TCGA-A8-A097-01A	BRCA	2.371260719	3.508466184	0.02216838
TCGA-A6-6141-01A	COAD	3.360845445	3.194890132	0.310033571
TCGA-A6-5661-01B	COAD	3.254787237	1.588769628	0.021504963
TCGA-T9-A92H-01A	COAD	4.377752664	4.298190473	0.916254596
TCGA-CV-A45W-01A	HNSC	5.386042664	3.864837163	0.357616722
TCGA-AG-3999-01A	READ	4.337791562	3.746886904	0.448047825
TCGA-YL-A8HK-01A	PRAD	3.313477651	1.899682807	0.045963507
TCGA-06-5410-01A	GBM	2.58444526	2.373362837	0.038233341
TCGA-XT-AASU-01A	MESO	3.369304687	2.644041212	0.014771112
TCGA-34-5241-01A	LUSC	3.947113412	2.418320478	0.052892358
TCGA-95-7567-01A	LUAD	3.065429339	2.865877756	0.057999196
TCGA-B6-A0I1-01A	BRCA	4.066382602	4.955384272	0.468194935
TCGA-B0-5707-01A	KIRC	1.57994782	1.210380709	0
TCGA-FD-A6TI-01A	BLCA	2.340327456	2.086402758	0.019187511
TCGA-AA-A00J-01A	COAD	3.906770384	3.757712983	0.495115933
TCGA-FD-A43P-01A	BLCA	4.275145414	4.468381029	0.629541873
TCGA-EJ-A7NM-01A	PRAD	4.323215819	1.980056612	0.153527761
TCGA-DV-5567-01A	KIRC	3.411689303	2.486785853	0
TCGA-24-1424-01A	OV	3.962059841	4.427804572	0.183766546
TCGA-AJ-A3OK-01A	UCEC	2.753664902	1.559572773	0.044561458
TCGA-BJ-A45G-01A	THCA	2.83035218	1.759295405	0
TCGA-A3-3317-01A	KIRC	3.531185516	1.743326034	0.010548505
TCGA-19-2629-01A	GBM	3.379624896	3.308285096	0.011157722
TCGA-A6-5665-01B	COAD	4.837346025	2.180115751	0.131301331
TCGA-P6-A5OF-01A	ACC	3.633985353	4.109033371	0.054914319
TCGA-EB-A44P-01A	SKCM	4.045886523	2.904543715	0.119912712
TCGA-DU-5871-01A	LGG	4.315428038	1.081516011	0
TCGA-GM-A2DI-01A	BRCA	3.122332431	2.143894605	0.083810635
TCGA-IN-A7NU-01A	STAD	3.700735917	2.982270608	0.06564308
TCGA-A1-A0SE-01A	BRCA	2.476156339	3.01134489	0.019582676
TCGA-EM-A3FK-01A	THCA	2.418024903	2.027577726	0
TCGA-44-6779-01A	LUAD	2.131102351	3.069054528	0.02322458
TCGA-AY-6196-01A	COAD	3.236952981	2.441373341	0.998679428

TCGA-DF-A2L0-01A	UCEC	3.593117593	5.133881523	0.816591308
TCGA-B6-A0WT-01A	BRCA	3.171993665	2.791842199	0.047786695
TCGA-BR-8060-01A	STAD	2.396075813	5.023366062	1.696164692
TCGA-CN-6016-01A	HNSC	1.520065928	1.750195315	0
TCGA-3A-A9IZ-01A	PAAD	3.428184333	3.359186289	0.522759721
TCGA-91-8497-01A	LUAD	3.249043967	2.038419378	0.198761758
TCGA-A7-A6VV-01A	BRCA	3.85116644	4.110666247	0.061469759
TCGA-28-5213-01A	GBM	3.246054461	1.873459705	0.069664239
TCGA-EM-A2OV-01A	THCA	1.571203999	1.196380374	0
TCGA-XY-A8S3-01B	TGCT	5.311742111	4.189362105	1.207656627
TCGA-D1-A0ZV-01A	UCEC	3.363404161	2.037558013	0.07251633
TCGA-CN-6024-01A	HNSC	3.703522047	3.747026088	0.179130828
TCGA-ZG-A9M4-01A	PRAD	3.770323544	1.503633961	0.054888467
TCGA-EJ-7312-01B	PRAD	2.553759768	1.31881254	0.015820705
TCGA-A6-4107-01A	COAD	3.139749273	3.486537893	0.245736702
TCGA-CF-A7I0-01A	BLCA	3.477691168	3.481426923	0.057133001
TCGA-S5-A6DX-01A	BLCA	4.255517259	4.178584639	0.88149044
TCGA-ZB-A96M-01A	THYM	4.51928748	2.99864851	1.65076882
TCGA-LK-A4O6-01A	MESO	4.285735937	2.910847866	0.080139836
TCGA-CV-A6JT-01A	HNSC	2.139373261	2.003810262	0.062786866
TCGA-GC-A3RB-01A	BLCA	4.368072852	3.757906042	0.427168563
TCGA-CJ-4869-01A	KIRC1	1.997960078	1.877739547	0.012912856
TCGA-SC-AA5Z-01A	MESO	3.488506486	2.499867621	0.289887295
TCGA-BR-7716-01A	STAD	2.715033515	3.681154427	0.333499466
TCGA-UY-A78L-01A	BLCA	3.69094763	4.931107319	0.315313131
TCGA-AP-A0LI-01A	UCEC	4.130575583	5.386613938	0.034702293
TCGA-CH-5761-01A	PRAD	3.543560493	2.967233388	0.068298721
TCGA-DD-A4NB-01A	LIHC	1.743517699	1.124476712	0.031926689
TCGA-66-2783-01A	LUSC	3.21569025	3.819307469	0.042277277
TCGA-97-8172-01A	LUAD	3.730446357	2.626148954	0.148100434
TCGA-DK-A3X1-01A	BLCA	4.29226389	3.971675918	0.674674636
TCGA-CZ-4858-01A	KIRC4	0.090641147	3.200765652	0.06007589
TCGA-B5-A11Z-01A	UCEC	4.001722779	1.552968998	0.064331708
TCGA-32-5222-01A	GBM	3.832887489	2.990694805	0.180852205
TCGA-B6-A0WX-01A	BRCA	3.668567988	2.658386084	0.005339567
TCGA-GL-8500-01A	KIRP	2.156470463	2.834928829	0.006101003
TCGA-DS-A3LQ-01A	CESC	2.92174577	5.398619625	0.509020596
TCGA-EW-A423-01A	BRCA	3.224128889	3.891751087	0.236756481
TCGA-DJ-A2QA-01A	THCA	2.093172086	2.875602774	0
TCGA-N8-A4PO-01A	UCS	5.116673333	6.19689088	1.396889587
TCGA-BR-6454-01A	STAD	1.997354579	4.3666646	0.522873188
TCGA-E2-A56Z-01A	BRCA	3.806505532	4.082000079	0.118078598
TCGA-E9-A295-01A	BRCA	4.284660867	3.204468097	0.020701437
TCGA-N1-A6IA-01A	SARC	3.289524877	4.154927843	0.005365314

TCGA-DJ-A3VJ-01A	THCA	2.91790006	2.269156146	0.004427445
TCGA-SC-A6LQ-01A	MESO	3.943478209	3.2220935	0.053403282
TCGA-RG-A7D4-01A	LIHC	3.019136967	4.051015964	0.82634127
TCGA-CJ-4903-01A	KIRC3	2.253892633	1.188608042	0
TCGA-DX-A8BQ-01A	SARC	3.456873308	4.097523553	0.953431639
TCGA-DD-AADB-01A	LIHC	3.592453796	3.078366818	0.526885006
TCGA-BP-4986-01A	KIRC3	2.487295718	1.388833007	0.016195225
TCGA-EK-A3GN-01A	CESC	4.924350645	5.033608672	0.437090508
TCGA-C5-A1MP-01A	CESC	4.415176799	4.886239263	0.356654486
TCGA-XP-A8T6-01A	ESCA	3.756360963	3.088986261	0.243257675
TCGA-C8-A26V-01A	BRCA	2.792675597	2.064683753	0.003356915
TCGA-VS-A9U5-01A	CESC	4.851716122	5.077660825	0.46708398
TCGA-HC-7209-01A	PRAD	2.474192862	1.581351763	0.027765629
TCGA-29-1701-01A	OV	4.734012126	4.062763538	0.084528698
TCGA-V1-A9ZG-01A	PRAD	2.737687197	1.647917866	0.01566246
TCGA-78-7148-01A	LUAD	1.990617439	3.144042693	0.193727646
TCGA-D1-A17K-01A	UCEC	3.852170766	4.573768671	0.55300213
TCGA-D1-A0ZZ-01A	UCEC	4.219134406	3.102488464	0.787187306
TCGA-EO-A3AV-01A	UCEC	3.459271117	4.091800342	0.384379024
TCGA-ZZ-A9JO-01A	KIRP	2.111894565	0.829268345	0.007048717
TCGA-B6-A0WW-01A	BRCA	2.404588512	3.152345894	0
TCGA-AA-3506-01A	COAD	2.974149554	4.336257641	0.502265269
TCGA-KL-8340-01A	KICH	2.581139865	2.747758515	0
TCGA-L7-A56G-01A	ESCA	3.195460137	3.144647236	0.04028488
TCGA-JW-A5VK-01A	CESC	4.795564379	5.496446402	0.963325391
TCGA-KN-8437-01A	KICH	2.208813781	2.306886689	0
TCGA-CZ-4853-01A	KIRC2	2.913715677	2.152611142	0.018783441
TCGA-C5-A2LZ-01A	CESC	4.907828615	5.053400405	0.482152796
TCGA-BP-5185-01A	KIRC2	2.280557738	1.811779824	0.007592945
TCGA-EX-A1H6-01B	CESC	5.022989498	4.172180579	0.154916002
TCGA-B5-A0JT-01A	UCEC	4.560472513	3.146408023	0.199204449
TCGA-VD-A8KF-01A	UVM	4.999017836	1.710550381	0.024741581
TCGA-EY-A1GD-01A	UCEC	3.001940214	4.211209412	0.199338087
TCGA-75-5126-01A	LUAD	2.955819972	3.127188089	0.079560484
TCGA-C5-A1M5-01A	CESC	4.880786466	4.624332399	0.398257127
TCGA-P4-AAVO-01A	KIRP	2.823863596	1.220225393	0.010263582
TCGA-B9-5155-01A	KIRP	1.552891671	1.414915369	0.004874324
TCGA-IM-A3ED-01A	THCA	2.458581136	1.541485542	0.008844738
TCGA-A5-A1OJ-01A	UCEC	2.690246056	1.71163788	0
TCGA-AJ-A8CV-01A	UCEC	3.840596462	3.209601966	0.294084919
TCGA-43-2576-01A	LUSC	2.771515849	3.500526385	0.239777283
TCGA-XK-AAJU-01A	PRAD	3.620077948	1.156374174	0.050861136
TCGA-EI-6881-01A	READ	3.815190976	3.906326251	0.281155176
TCGA-BP-4971-01A	KIRC3	3.646571142	1.398495476	1.359085326

TCGA-DF-A2KY-01A	UCEC	3.665706318	4.881649242	0.939396448
TCGA-OR-A5LL-01A	ACC	2.816559565	3.189173377	0.736271386
TCGA-2G-AAHL-01A	TGCT	4.941415856	5.088612112	0.822196328
TCGA-63-A5MS-01A	LUSC	3.802502058	2.869168779	0.260916339
TCGA-E2-A14U-01A	BRCA	3.457706555	1.399302234	0.104917991
TCGA-CJ-4640-01A	KIRC	2.066626555	1.843993985	0.004969709
TCGA-IB-7897-01A	PAAD	2.868574519	1.562045046	0.010793569
TCGA-G3-A3CG-01A	LIHC	2.12647596	2.038448805	0.122607508
TCGA-GM-A3NW-01A	BRCA	2.585905091	3.12221361	0.070300441
TCGA-S9-A6UB-01A	LGG	5.247378346	2.932400306	0.145797578
TCGA-DJ-A3UV-01A	THCA	2.444486434	1.817877549	0
TCGA-EV-5902-01A	KIRP	3.06781056	1.629152966	0.012837087
TCGA-BH-A0E1-01A	BRCA	2.242922828	3.612047989	0.011579
TCGA-VS-A8EB-01A	CESC	4.389518091	4.998372072	0.489437302
TCGA-FB-AAPY-01A	PAAD	3.62344059	1.593864546	0.02756083
TCGA-KC-A4BN-01A	PRAD	3.103435497	0.849490344	0.105800243
TCGA-XF-A9T8-01A	BLCA	3.758931959	3.231531102	0.339629231
TCGA-JX-A3PZ-01A	CESC	4.609300747	3.641799822	0.048038394
TCGA-HT-7877-01A	LGG	4.442075929	2.363248709	0.190131065
TCGA-VS-A952-01A	CESC	4.321685825	4.715754619	0.911056336
TCGA-AF-3913-01A	READ	3.578011243	4.529475593	1.154896083
TCGA-AC-A6NO-01A	BRCA	4.678368241	3.555266615	0.250178879
TCGA-FY-A40L-01A	THCA	3.112858711	2.958487909	0
TCGA-A3-A8OX-01A	KIRC	2.436064881	1.653378512	0.053309262
TCGA-D6-A4Z9-01A	HNSC	5.047161155	3.762058651	0.042435469
TCGA-18-3406-01A	LUSC	3.605636599	1.437116776	0
TCGA-CV-7416-01A	HNSC	3.430474818	2.629463616	0.506617537
TCGA-VQ-AA6A-01A	STAD	1.802485657	2.958460845	0.073989971
TCGA-55-8508-01A	LUAD	3.541448176	3.311040614	0.503646612
TCGA-A8-A08X-01A	BRCA	3.193554379	4.020723959	0.054525137
TCGA-CN-A63V-01A	HNSC	3.71533587	2.352865149	0.448414709
TCGA-86-8074-01A	LUAD	3.313674697	3.595734375	0.059631711
TCGA-HU-A4GC-01A	STAD	3.801511523	3.915616543	0.064049965
TCGA-HE-7128-01A	KIRP	1.929697842	0.802072927	0
TCGA-BH-A42U-01A	BRCA	3.758407075	2.210505429	0.068053175
TCGA-C8-A138-01A	BRCA	3.205114327	2.523240047	0.038920411
TCGA-16-1045-01B	GBM	2.689003388	1.707012511	0.040075122
TCGA-CV-5966-01A	HNSC	3.934131552	4.28532197	0.535203189
TCGA-QQ-A8VB-01A	SARC	2.862686595	3.201953333	0.432582018
TCGA-OR-A5JA-01A	ACC	2.957079033	4.21876969	0.013842452
TCGA-D8-A27R-01A	BRCA	2.80614166	4.100319216	0.08284218
TCGA-EJ-5499-01A	PRAD	2.51394375	1.857942794	0.02494781
TCGA-HZ-A77Q-01A	PAAD	2.506259825	2.030032132	0.015683731
TCGA-2Y-A9H6-01A	LIHC	2.142733372	1.666364754	0.006897361

TCGA-F2-7276-01A	PAAD	2.599548564	1.161212313	0.009451996
TCGA-5R-AA1C-01A	LIHC	1.892834531	1.657037338	0.082541536
TCGA-IB-AAUQ-01A	PAAD	3.150152721	1.96782582	0.033603609
TCGA-ZS-A9CD-01A	LIHC	2.087851732	2.015939778	0.225502557
TCGA-2G-AAH2-01A	TGCT	4.544919586	4.43254567	0.433678099
TCGA-DB-A75P-01A	LGG	2.3422961	1.949363223	0.016947941
TCGA-B0-5085-01A	KIRC3	1.0452957	1.106800924	0.005362122
TCGA-RA-A741-01A	CESC	3.394212718	4.490974287	0.055019442
TCGA-A2-A0YL-01A	BRCA	3.947398336	2.101264985	0.014919175
TCGA-22-5481-01A	LUSC	5.056599963	5.588517092	2.04609936
TCGA-XM-A8R8-01A	THYM	4.829669987	2.448640491	0.145009575
TCGA-DJ-A3UO-01A	THCA	3.855512887	2.549121835	0
TCGA-LC-A66R-01A	BLCA	4.59397521	4.331155789	0.686766243
TCGA-DK-A1AE-01A	BLCA	4.682090837	3.226953832	0.288983434
TCGA-E9-A3Q9-01A	BRCA	3.500824905	0.999067463	0.030122891
TCGA-L9-A5IP-01A	LUAD	3.378638627	2.832003035	0.274700414
TCGA-55-7724-01A	LUAD	3.10117169	1.581617691	0.01373224
TCGA-4K-AA1H-01A	TGCT	4.287694091	3.812677601	0.214422408
TCGA-G9-A9S0-01A	PRAD	3.915094381	2.371208216	0.124293518
TCGA-B9-5156-01A	KIRP	1.034657699	1.848784424	0
TCGA-MO-A47R-01A	SARC	3.091844971	3.83236313	0.170219384
TCGA-A3-3319-01A	KIRC2	2.662292965	2.687163507	0.049797666
TCGA-26-5132-01A	GBM	4.31287196	4.71420793	0.369045475
TCGA-C5-A1BQ-01C	CESC	4.048931025	3.88659357	0.369077026
TCGA-AG-3612-01A	READ	4.535357741	4.782306034	0.560320107
TCGA-P3-A5QE-01A	HNSC	5.283705816	4.860277754	1.142906441
TCGA-OL-A5RZ-01A	BRCA	4.446152187	4.495898606	0.134944314
TCGA-2G-AAKD-01A	TGCT	4.768671288	4.372260579	1.320656615
TCGA-N5-A4RA-01A	UCS	4.844793077	4.138869039	0.096892125
TCGA-32-4213-01A	GBM	3.298443562	3.852900852	0.016071571
TCGA-AK-3447-01A	KIRC2	2.925688115	1.906308955	0
TCGA-XK-AAJP-01A	PRAD	3.281745511	2.741526224	0.019554958
TCGA-ZF-A9R9-01A	BLCA	4.871391864	2.221619381	0.009884583
TCGA-ZJ-AB0H-01A	CESC	4.768867258	4.051727273	0.108442244
TCGA-BP-4165-01A	KIRC3	3.79912964	1.0974977	0.087125265
TCGA-24-1471-01A	OV	5.249308311	2.243286929	0.858619109
TCGA-76-4928-01B	GBM	2.775425533	2.933149603	0.174139785
TCGA-XF-AAN0-01A	BLCA	3.078595288	4.52574142	0.452508854
TCGA-HC-7737-01A	PRAD	2.319058262	0.956573113	0.016025244
TCGA-HT-7880-01A	LGG	3.096010351	2.343019469	0.004116729
TCGA-DB-A4XG-01A	LGG	4.737160089	2.72602145	0.390743072
TCGA-G2-A2EJ-01A	BLCA	3.909376596	3.139947575	0.253222291
TCGA-SX-A71U-01A	KIRP	2.943347615	1.273295626	0.007323183
TCGA-HT-7473-01A	LGG	3.177693688	0.990214283	0

TCGA-LL-A7SZ-01A	BRCA	3.744433092	5.089293413	0.127987111
TCGA-FY-A3R7-01A	THCA	2.634090103	1.474201697	0
TCGA-49-6742-01A	LUAD	2.222615227	2.611002306	0.203662505
TCGA-E1-5319-01A	LGG	3.614574904	1.125727497	0.034057956
TCGA-Y8-A8RZ-01A	KIRP	2.84924221	1.287164543	0.012002101
TCGA-EW-A1IW-01A	BRCA	2.23602221	3.656070643	0.057212765
TCGA-60-2711-01A	LUSC	4.07838917	3.847009688	0.161033913
TCGA-CK-6751-01A	COAD	3.276837655	3.685980341	0.325949454
TCGA-AG-A01J-01A	READ	3.230593846	4.2664689	0.272502719
TCGA-57-1993-01A	OV	3.734599103	4.388670816	0.418099258
TCGA-24-2027-01A	OV	5.442200609	4.96310328	0.147278069
TCGA-A7-A3IZ-01A	BRCA	2.75642887	3.908555507	0.055829791
TCGA-YL-A9WL-01A	PRAD	4.004931724	2.11818172	0.051523847
TCGA-ZG-A8QZ-01A	PRAD	3.563843468	1.461827914	0.156817163
TCGA-IK-7675-01A	LGG	4.033326422	2.063926756	0
TCGA-S9-A6U1-01A	LGG	4.512963686	2.718135701	0.011578891
TCGA-TM-A84F-01A	LGG	3.667715499	2.42794582	0.120476034
TCGA-DX-A6YZ-01A	SARC	3.039723841	2.404242157	0
TCGA-R8-A6YH-01A	LGG	5.098352585	2.985395491	0
TCGA-A6-5656-01B	COAD	3.305761108	1.525035408	0.319673104
TCGA-FD-A43N-01A	BLCA	3.903897738	2.961685282	0.526948245
TCGA-HT-8015-01B	LGG	2.063273555	2.29233087	0
TCGA-MA-AA3Z-01A	CESC	4.042859174	4.510029422	0.053662844
TCGA-V1-A8MK-01A	PRAD	3.272593544	1.345477388	0.054597984
TCGA-50-6673-01A	LUAD	1.697111425	2.251085634	0.38712291
TCGA-YU-A912-01A	TGCT	4.525313993	4.065909533	0.723521221
TCGA-G3-AAV5-01A	LIHC	3.121288456	2.536236009	0.195862591
TCGA-FG-A60K-01A	LGG	4.714445173	1.662213202	0.166669574
TCGA-LB-A8F3-01A	PAAD	3.108432461	2.77133777	0.086837428
TCGA-BR-6452-01A	STAD	3.181508493	3.303751605	0.325708199
TCGA-D7-A748-01A	STAD	2.124615894	1.113595678	0.008405709
TCGA-2G-AAM3-01A	TGCT	3.705813009	3.129046271	0.00860909
TCGA-GV-A6ZA-01A	BLCA	5.044897869	4.197240118	1.975842914
TCGA-24-1603-01A	OV	4.353728612	4.348049979	0.180452978
TCGA-MY-A913-01A	CESC	4.726202495	4.630853648	0.175529712
TCGA-A5-A0R6-01A	UCEC	4.186207179	3.61440834	0.082344289
TCGA-13-1489-01A	OV	4.491955567	4.097581658	0.228763212
TCGA-PG-A6IB-01A	UCEC	4.491888219	5.083872796	1.643909082
TCGA-AA-3555-01A	COAD	3.882083196	3.71831459	1.470922415
TCGA-FD-A62P-01A	BLCA	3.041481331	3.634571455	0.456602469
TCGA-CV-7440-01A	HNSC	2.814354863	2.252829446	0.133438558
TCGA-N7-A4Y5-01A	UCS	3.959973054	4.189645891	0.162065093
TCGA-A1-A0SN-01A	BRCA	2.489089534	3.506234507	1.521512314
TCGA-DU-5853-01A	LGG	4.033930598	1.645206946	0.01083933

TCGA-ER-A19T-01A	SKCM	3.595925773	4.15311782	0.270660451
TCGA-AJ-A23O-01A	UCEC	4.360273566	4.204395788	0.594076705
TCGA-G3-A5SK-01A	LIHC	1.249436433	0.706508812	0.021029934
TCGA-B5-A11X-01A	UCEC	3.928110784	4.332032156	1.377570465
TCGA-L9-A444-01A	LUAD	4.435391605	3.126376568	0.094554688
TCGA-60-2715-01A	LUSC	3.499028066	3.080817352	0.11895377
TCGA-DU-7015-01A	LGG	3.454848355	2.085731481	0
TCGA-XJ-A83F-01A	PRAD	3.67974237	1.909321651	0.178100822
TCGA-IN-A6RR-01A	STAD	4.055189117	2.41965064	0.265525034
TCGA-KK-A7B3-01A	PRAD	3.819357702	1.406154209	0.199801413
TCGA-FD-A3SJ-01A	BLCA	4.611711468	3.894347968	0.758973022
TCGA-EX-A8YF-01A	CESC	4.265048459	4.974504805	0.468801639
TCGA-E2-A15A-01A	BRCA	3.904095512	4.18174061	0.132694581
TCGA-CZ-4866-01A	KIRC	3.084576961	1.517446871	0.003123841
TCGA-EL-A3D5-01A	THCA	1.95573892	1.48201792	0
TCGA-DX-A7EQ-01A	SARC	2.185849955	4.174981881	0.154239005
TCGA-GS-A9TZ-01A	DLBC	3.305239352	3.808579357	0.283947833
TCGA-BP-5186-01A	KIRC	2.814030317	1.718914601	0
TCGA-13-0720-01A	OV	5.236226894	2.230031162	0.022561169
TCGA-MI-A75C-01A	LIHC	2.656547801	1.868311408	0.173727245
TCGA-BR-4253-01A	STAD	4.624732316	2.961525527	0.24950309
TCGA-EB-A4IS-01A	SKCM	3.716244872	3.890105512	0.559455013
TCGA-KK-A7AY-01A	PRAD	3.221044652	1.207330373	0.034304155
TCGA-WN-A9G9-01A	KIRP	3.296690329	2.285455715	0.060882294
TCGA-CN-4722-01A	HNSC	1.949645893	1.592550808	0.088573037
TCGA-CW-6093-01A	KIRC	2.450644281	1.837958367	0
TCGA-AA-A01X-01A	COAD	3.668616147	3.606219962	0.447501414
TCGA-CJ-5689-01A	KIRC	1.716439018	2.026022099	0
TCGA-IB-7891-01A	PAAD	2.121720293	1.540761405	0.022124608
TCGA-BP-4795-01A	KIRC	2.037083711	1.458126275	0
TCGA-78-7540-01A	LUAD	1.970443054	2.041596784	0.016863943
TCGA-B5-A11U-01A	UCEC	3.891817593	3.70304571	0.121991767
TCGA-EA-A97N-01A	CESC	4.362980828	3.990702362	0.243605363
TCGA-E1-A7YS-01A	LGG	5.213264866	3.274185546	0.032389881
TCGA-G9-7510-01A	PRAD	2.320072127	1.15457186	0.008978896
TCGA-AG-4005-01A	READ	4.363158955	3.7415511	0.617829531
TCGA-A4-7732-01A	KIRP	3.742514911	2.011608733	0
TCGA-DD-A4NO-01A	LIHC	2.507254695	1.966163806	0.084504536
TCGA-GV-A3QI-01A	BLCA	4.987490226	5.833936945	0.476924251
TCGA-G2-AA3F-01A	BLCA	4.116130456	3.919738688	1.07788466
TCGA-BP-5008-01A	KIRC	3.016892131	2.196740117	0.008000863
TCGA-HZ-8636-01A	PAAD	3.10841448	2.162686773	0.049600396
TCGA-FY-A4B4-01A	THCA	2.959424584	2.09861473	0
TCGA-J9-A8CN-01A	PRAD	3.33588417	0.997563928	0.057792249

TCGA-20-1682-01A	OV	2.918581309	4.868680937	0.020929676
TCGA-ZJ-AAXA-01A	CESC	4.115229354	5.566524625	0.800808
TCGA-GS-A9TU-01A	DLBC	3.696596366	4.45896437	0.307390301
TCGA-CG-4477-01A	STAD	3.914021249	3.063711215	0.575704169
TCGA-43-7656-01A	LUSC	5.273928698	3.86708039	1.537021408
TCGA-AR-A2LN-01A	BRCA	3.05885752	1.343357962	0.080111221
TCGA-UB-A7ME-01A	LIHC	2.320849986	2.968215357	1.937204145
TCGA-DZ-6135-01A	KIRP	2.069786378	1.375584819	0.023421723
TCGA-L6-A4EP-01A	THCA	3.638052729	2.388445648	0
TCGA-22-5471-01A	LUSC	3.544414819	3.989249864	0.158345099
TCGA-15-1444-01A	GBM	3.75182731	2.893802057	0.005412161
TCGA-EW-A1P4-01A	BRCA	3.080454497	3.794649281	0.090837352
TCGA-IC-A6RF-01A	ESCA	3.721788606	2.871351347	0.174236052
TCGA-CR-7399-01A	HNSC	4.303289195	3.883097384	0.033472305
TCGA-VS-A9UL-01A	CESC	4.709954726	5.127705539	0.77036907
TCGA-77-7465-01A	LUSC	4.70538258	3.370505573	0.725216938
TCGA-22-1017-01A	LUSC	3.546144734	3.406991532	0.39447689
TCGA-RW-A685-01A	PCPG	4.759802946	1.145537492	0
TCGA-AN-A0AR-01A	BRCA	4.898477611	4.409596657	0.825847002
TCGA-G9-6336-01A	PRAD	2.295125389	1.216047196	0
TCGA-DD-A3A6-01A	LIHC	1.920332173	2.188507863	0.007690446
TCGA-E2-A1L6-01A	BRCA	3.144792376	2.230850181	0.032734024
TCGA-DC-6683-01A	READ	3.273126492	3.816951906	1.238849998
TCGA-77-A5FZ-01A	LUSC	3.318809067	2.394203441	0.096596343
TCGA-CJ-5683-01A	KIRC	2.806292712	2.076611961	0.170955953
TCGA-A7-A56D-01A	BRCA	2.803715347	4.223387721	0.252803068
TCGA-GR-A4D9-01B	DLBC	5.446088913	4.541451807	1.798234851
TCGA-FU-A3YQ-01A	CESC	4.609939445	3.677836606	0.176045681
TCGA-AA-A00A-01A	COAD	3.767635251	3.253288929	0.632529746
TCGA-22-1002-01A	LUSC	4.095466822	2.888209454	0.048646331
TCGA-98-8023-01A	LUSC	5.535729627	3.417049549	0.405910635
TCGA-BH-A1FD-01A	BRCA	5.0310162	3.143612172	0.070528253
TCGA-F4-6855-01A	COAD	3.633241141	2.953214203	0.377200846
TCGA-CG-5723-01A	STAD	3.425992016	3.062578143	0.085097205
TCGA-AO-A0JC-01A	BRCA	4.906518901	2.27779422	0.176904643
TCGA-SB-A6J6-01A	TGCT	4.047564114	4.947806383	1.132259244
TCGA-31-1951-01A	OV	4.299741163	3.697200787	0.067329901
TCGA-DX-A3U9-01A	SARC	3.200838562	4.550335744	0
TCGA-AA-3819-01A	COAD	4.423828793	4.157262249	0.960440108
TCGA-24-1558-01A	OV	4.308103311	4.714576332	0.123228363
TCGA-22-0944-01A	LUSC	4.267511251	2.416264847	0.286106424
TCGA-KN-8425-01A	KICH	2.978734717	1.784065058	0
TCGA-GR-A4D6-01A	DLBC	4.429336353	5.183564987	0.505649967
TCGA-HT-7692-01A	LGG	5.169701916	2.46170967	0.146127575

TCGA-A2-A04Q-01A	BRCA	3.591568335	3.889786091	0.073634048
TCGA-06-0649-01B	GBM	3.156830567	3.042535533	0.186640052
TCGA-EJ-A8FP-01A	PRAD	3.137658203	1.315975254	0
TCGA-24-1544-01A	OV	3.365946391	4.893084124	0.155580183
TCGA-P5-A5EX-01A	LGG	3.411141741	1.087929072	0.08668102
TCGA-A5-A0GU-01A	UCEC	3.94652645	2.041985207	0.227200537
TCGA-23-1113-01A	OV	4.17822624	3.996000278	0.330074293
TCGA-BH-A0B5-01A	BRCA	3.7985964	3.726138758	0.067113468
TCGA-QH-A6CV-01A	LGG	3.426575788	5.218818961	0.378501629
TCGA-B5-A11M-01A	UCEC	3.771758598	1.520517756	0.104015406
TCGA-MI-A75H-01A	LIHC	1.900081291	2.181084459	0.022309236
TCGA-DS-A0VL-01A	CESC	4.758460449	4.552027103	0.014125865
TCGA-CM-4748-01A	COAD	2.98727649	4.252555772	1.933324049
TCGA-EJ-5527-01A	PRAD	2.70324035	0.919717872	0.008183878
TCGA-OR-A5J1-01A	ACC	2.853471296	2.019163375	0.293935096
TCGA-39-5030-01A	LUSC	3.379222293	3.22677662	0.202012501
TCGA-XF-A9ST-01A	BLCA	5.415095051	4.505910121	2.721486389
TCGA-XM-A8RF-01A	THYM	5.467419872	2.713303566	0.833377161
TCGA-K4-A54R-01A	BLCA	3.71764638	3.216059725	0.625161815
TCGA-A8-A09T-01A	BRCA	2.746573357	3.380742364	0.012431281
TCGA-IB-7649-01A	PAAD	2.195324423	1.083171438	0.009087386
TCGA-OL-A5DA-01A	BRCA	3.201740863	2.170074748	0.013012225
TCGA-PL-A8LZ-01A	BRCA	3.904143243	4.230432043	0.185555164
TCGA-2A-A8VX-01A	PRAD	4.558277131	1.903126367	0.069128694
TCGA-J8-A3O0-01A	THCA	2.761388732	2.20578863	0
TCGA-56-8504-01A	LUSC	3.416621467	3.912482819	0.113657635
TCGA-EL-A4JV-01A	THCA	3.165003486	2.399469463	0.005564517
TCGA-CZ-5988-01A	KIRC	2.698033676	2.33863842	0.083950381
TCGA-OR-A5J3-01A	ACC	2.245725549	2.989609348	0.061344131
TCGA-XK-AAIR-01A	PRAD	3.061271982	1.161211503	0.006187148
TCGA-AP-A056-01A	UCEC	1.774196776	4.268929635	0.117918993
TCGA-VM-A8C8-01A	LGG	4.393041093	1.94190901	0
TCGA-IG-A625-01A	ESCA	3.436792583	2.712872822	0.048358889
TCGA-63-5131-01A	LUSC	3.413902829	2.201897352	0.243225189
TCGA-09-1661-01B	OV	3.968237846	2.577354917	0.057843129
TCGA-67-3773-01A	LUAD	3.998917476	1.333437699	1.459728344
TCGA-CQ-5332-01A	HNSC	3.912414168	3.229719573	0.163141418
TCGA-B0-5692-01A	KIRC	2.11427621	2.917655555	0.011518382
TCGA-S3-A6ZG-01A	BRCA	3.256187286	3.326183889	0.126859989
TCGA-IQ-A61E-01A	HNSC	3.781683297	3.599808956	0.385940784
TCGA-OR-A5J5-01A	ACC	3.201936774	3.248120812	0.154495946
TCGA-CJ-4870-01A	KIRC	3.767605814	1.385047198	0
TCGA-56-1622-01A	LUSC	3.288603705	2.933977948	0.076253969
TCGA-MH-A856-01A	KIRP	4.058094974	2.011088323	0.009928042

TCGA-21-1078-01A	LUSC	3.832232208	2.170588507	0.038004093
TCGA-CJ-4868-01A	KIRC2	2.920168326	2.130028665	1.251779693
TCGA-33-AASD-01A	LUSC	3.87356124	3.728034551	0.011094837
TCGA-BH-A0HY-01A	BRCA	2.674237587	3.242807289	0.014873771
TCGA-UF-A7JD-01A	HNSC	4.256412518	3.45528923	0.056027948
TCGA-14-1825-01A	GBM	4.778623204	4.625971478	0.189220428
TCGA-QK-AA3J-01A	HNSC	3.771717842	2.95491287	0.098187273
TCGA-CQ-A4CG-01A	HNSC	4.903027103	3.497689984	0.228414804
TCGA-JW-A5VL-01A	CESC	4.280424442	5.052363083	0.986729275
TCGA-KK-A7AU-01A	PRAD	3.682207795	1.913531522	0.044071196
TCGA-P5-A72W-01A	LGG	4.163914839	2.101757624	0
TCGA-AR-A250-01A	BRCA	3.171902075	3.540030288	0.007698551
TCGA-HC-A8D1-01A	PRAD	3.284629067	1.230707833	0.096373879
TCGA-AA-3494-01A	COAD	4.062085549	4.406349006	0.085048064
TCGA-G9-6362-01A	PRAD	3.862995538	0.938478426	0.048383789
TCGA-G9-6342-01A	PRAD	2.404402028	1.812383809	0.046170103
TCGA-HV-A5A6-01A	PAAD	3.558734325	2.694741235	0
TCGA-DJ-A1QD-01A	THCA	2.223563377	2.219440564	0.003467851
TCGA-18-3415-01A	LUSC	3.540813556	3.173245474	0.015095044
TCGA-FG-A60L-01A	LGG	4.254785217	2.713011907	0.006818951
TCGA-HZ-A49G-01A	PAAD	3.228753712	1.780340663	0.022238784
TCGA-EL-A3D0-01A	THCA	3.888969468	1.415212265	1.212753993
TCGA-CS-4944-01A	LGG	2.433057612	0.808658879	0.015663532
TCGA-GM-A2DC-01A	BRCA	3.400606415	1.904200489	0.032031816
TCGA-D1-A16G-01A	UCEC	3.956442281	3.103848247	0.335355421
TCGA-A2-A0SV-01A	BRCA	3.960912979	4.00403904	0.066168558
TCGA-YU-AA61-01A	TGCT	4.171240696	3.542098184	0.193591494
TCGA-EL-A3CU-01A	THCA	2.303076604	1.824536616	0.065518799
TCGA-C8-A1HM-01A	BRCA	3.700045818	3.593715021	0.021838159
TCGA-CV-7248-01A	HNSC	3.303415855	3.737873637	0.176608467
TCGA-55-7995-01A	LUAD	3.36963884	5.22062781	0.104228326
TCGA-C5-A2M2-01A	CESC	4.270447436	4.650553692	0.401183637
TCGA-EM-A3AR-01A	THCA	2.587506014	1.031331948	0
TCGA-NI-A4U2-01A	LIHC	1.764263948	0.818787457	0
TCGA-G3-A3CJ-01A	LIHC	0.783533652	1.010965151	4.887852594
TCGA-A6-5660-01A	COAD	3.781456714	3.560480086	0.625020094
TCGA-Y6-A8TL-01A	PRAD	3.615749735	1.544943748	0.033328482
TCGA-AA-A029-01A	COAD	3.764400606	3.848273719	0.187045534
TCGA-A7-A426-01A	BRCA	4.282644935	2.866729329	0.06420113
TCGA-A7-A13E-01B	BRCA	3.847424835	1.171002707	0.041957063
TCGA-BJ-A3PT-01A	THCA	2.481139102	2.331609303	0
TCGA-CV-5973-01A	HNSC	3.485444235	1.318638395	0.063180947
TCGA-30-1860-01A	OV	4.026754327	5.458098499	0.177174874
TCGA-CV-A45R-01A	HNSC	3.244737826	2.294014444	0.047869798

TCGA-AC-A2FF-01A	BRCA	3.261318524	1.968011051	0.013714406
TCGA-B5-A0JV-01A	UCEC	3.739148754	3.356270508	0.59953301
TCGA-M8-A5N4-01A	PAAD	3.512152451	2.052910533	0.05243009
TCGA-04-1361-01A	OV	4.36756542	3.833206403	0.506744407
TCGA-DD-A4NN-01A	LIHC	2.655584685	4.22536555	0.027180223
TCGA-DV-A4VZ-01A	KIRC4	3.66305237	0.473136287	0.012595964
TCGA-BP-4337-01A	KIRC3	3.970965712	2.190195352	0.011108472
TCGA-FC-A4JI-01A	PRAD	4.250261614	3.637649583	0.033483798
TCGA-PK-A5HA-01A	ACC	2.973162858	2.867410848	0.011851012
TCGA-BF-AAP1-01A	SKCM	3.778857608	3.750073629	0.498213515
TCGA-ER-A42H-01A	SKCM	5.81641437	4.213743332	0.865102304
TCGA-AN-A0XO-01A	BRCA	3.490741399	2.16977201	0.00400858
TCGA-4Z-AA7M-01A	BLCA	3.969750616	5.99654553	1.110348256
TCGA-DC-6156-01A	READ	3.259901716	2.598670856	0.135027694
TCGA-BP-4999-01A	KIRC2	3.804570443	1.34609127	0.042333199
TCGA-DV-5573-01A	KIRC3	3.150371579	2.471186959	0.068631706
TCGA-ZH-A8Y4-01A	CHOL	3.35283286	2.401961444	0.019585818
TCGA-CG-5720-01A	STAD	2.39928811	3.61874539	0.297971157
TCGA-AA-3556-01A	COAD	2.437325321	3.936987279	0.123457817
TCGA-AO-A12H-01A	BRCA	2.756163678	2.589200958	0.065185712
TCGA-DB-5277-01A	LGG	3.421038986	3.403077278	0.005415801
TCGA-QR-A70D-01A	PCPG	4.300766672	1.753898401	0
TCGA-E2-A14X-01A	BRCA	4.044976451	3.272870981	0.121695769
TCGA-13-0762-01A	OV	4.072125845	5.124576711	0.201069013
TCGA-WP-A9GB-01A	SARC	4.499458544	5.646879531	0
TCGA-56-8307-01A	LUSC	5.698220871	3.307139579	1.50161146
TCGA-EM-A4G1-01A	THCA	3.620013039	0.823179492	0
TCGA-EI-6506-01A	READ	4.329147299	3.927016625	0.239119782
TCGA-AX-A05Z-01A	UCEC	3.009532908	3.613508237	0.808154827
TCGA-AO-A0JF-01A	BRCA	2.484345973	1.42193669	0.005579928
TCGA-BH-A0DE-01A	BRCA	2.615015127	2.952522898	0.067123454
TCGA-V4-A9F3-01A	UVM	4.507325068	2.301700086	0.124157504
TCGA-SQ-A6I4-01A	PCPG	2.463433238	1.071388974	0.032274962
TCGA-AX-A06H-01A	UCEC	3.547736939	2.371198067	0.125025149
TCGA-A2-A0EX-01A	BRCA	2.641043186	1.398121232	0
TCGA-55-8204-01A	LUAD	3.277806203	2.04326885	0.02254067
TCGA-13-0883-01A	OV	4.642282827	3.336146516	0.321961482
TCGA-UT-A88G-01B	MESO	5.030818164	4.444481666	0.199740357
TCGA-H6-8124-01A	PAAD	3.264454458	2.352539457	0.822731652
TCGA-85-A5B5-01A	LUSC	4.430178991	4.390255702	0.23845455
TCGA-CG-4476-01A	STAD	3.398495877	2.55272975	0.191086376
TCGA-66-2800-01A	LUSC	3.879657225	3.782353811	0.55741712
TCGA-DS-A0VK-01A	CESC	3.935526086	4.134923757	0.321590255
TCGA-38-4626-01A	LUAD	2.641873295	2.279950388	0.020165157

TCGA-50-5066-01A	LUAD	4.104067557	2.7269046	0.141836031
TCGA-CJ-4894-01A	KIRC3	3.189639912	2.601734605	0.004823052
TCGA-FE-A238-01A	THCA	2.936208839	2.766741768	0
TCGA-E5-A2PC-01A	BLCA	3.627293995	2.957519751	0.195813252
TCGA-WC-A87W-01A	UVM	4.405241153	1.955760796	0.029108822
TCGA-32-1980-01A	GBM	2.909167944	2.570858791	0.067006404
TCGA-D9-A4Z5-01A	SKCM	2.816717283	2.127062966	0.012009269
TCGA-EM-A2CT-01A	THCA	3.354558626	2.015109995	0
TCGA-DE-A69J-01A	THCA	2.79421232	3.054662694	0
TCGA-AR-A0U3-01A	BRCA	2.970413704	3.588802055	0.099918111
TCGA-F9-A7Q0-01A	KIRP	3.600357742	2.556971123	0
TCGA-2Z-A9J7-01A	KIRP	3.764018586	1.165745858	0.470199261
TCGA-L4-A4E5-01A	LUAD	4.992343375	4.264479658	0.449493614
TCGA-VR-AA4D-01A	ESCA	4.419830734	3.586711248	0.589649761
TCGA-XF-A9SU-01A	BLCA	3.842410633	4.148221661	0.307159327
TCGA-DB-5278-01A	LGG	3.83698693	1.431738198	0
TCGA-AX-A1CI-01A	UCEC	3.989585015	2.076169559	0.34037251
TCGA-71-8520-01A	LUAD	2.868773001	3.157235939	0.081044005
TCGA-AZ-4682-01B	COAD	3.678000412	4.28339529	0.175929855
TCGA-EL-A3GU-01A	THCA	2.074201384	2.083346314	0.128710767
TCGA-J4-A83I-01A	PRAD	3.413172844	0.962134538	0.87867489
TCGA-P4-AAVL-01A	KIRP	4.148533378	1.545047928	0.364782012
TCGA-KV-A6GD-01A	KIRP	2.843523258	1.061254331	0
TCGA-05-4420-01A	LUAD	3.992737627	4.050452551	0.182967711
TCGA-FD-A3B3-01A	BLCA	3.987618127	3.578902656	0.485131763
TCGA-CH-5789-01A	PRAD	2.615382092	0.845977505	0.006621642
TCGA-CH-5738-01A	PRAD	2.971624423	0.936828141	0.057622467
TCGA-AH-6903-01A	READ	3.684254593	3.2391806	0.160889491
TCGA-OR-A5JI-01A	ACC	1.102578035	2.327857067	0
TCGA-CV-7101-01A	HNSC	2.490570101	2.003735811	0.047489775
TCGA-BR-A4CS-01A	STAD	2.829829665	3.604517702	0.112654677
TCGA-24-1845-01A	OV	5.074938666	3.96580971	0.587884456
TCGA-WT-AB44-01A	BRCA	4.77116628	0.778280044	0.010322357
TCGA-JY-A938-01A	ESCA	4.242184133	3.766344304	0.149860648
TCGA-2J-AAB4-01A	PAAD	3.579014638	2.721838843	0.041220203
TCGA-OR-A5K1-01A	ACC	1.812503133	4.282474663	0.948525121
TCGA-T2-A6WZ-01A	HNSC	4.289957899	5.153668754	0.145661566
TCGA-F7-A50I-01A	HNSC	4.658929827	1.95724231	0.016859749
TCGA-S9-A7J3-01A	LGG	4.284221648	1.420623164	0.04333959
TCGA-66-2766-01A	LUSC	5.383333091	3.801053174	0.282765273
TCGA-E2-A570-01A	BRCA	3.266495884	3.128231164	0.014317753
TCGA-AG-3887-01A	READ	3.942740257	4.249560195	2.003492557
TCGA-A6-5664-01A	COAD	3.214991627	2.99180032	0.217581128
TCGA-EL-A3CZ-01A	THCA	1.895236094	0.888180104	0

TCGA-55-6975-01A	LUAD	3.156520092	3.369976319	0.383316827
TCGA-AY-A71X-01A	COAD	3.898991266	2.921525641	0.427975227
TCGA-E9-A22B-01A	BRCA	3.067788274	1.888927891	0.007870312
TCGA-AX-A06D-01A	UCEC	3.962573145	3.504804472	0.078178967
TCGA-EW-A6SB-01A	BRCA	4.876011296	3.496563832	0.240183678
TCGA-WZ-A7V5-01A	TGCT	5.135236154	4.483786444	0.51452202
TCGA-UB-A7MF-01A	LIHC	2.693077127	3.416864493	0.119647804
TCGA-BH-A5IZ-01A	BRCA	4.048953694	3.989711001	0.018731806
TCGA-NK-A7XE-01A	LUSC	3.798072639	4.318504051	0.466646804
TCGA-HM-A3JJ-01A	CESC	4.088024549	4.452925524	0.081625733
TCGA-DU-A6S6-01A	LGG	3.699526665	2.468162164	0.315462079
TCGA-SL-A6J9-01A	UCEC	3.676363928	5.146435647	0.22733689
TCGA-DD-A11D-01A	LIHC	1.14268339	0.891036785	0.171679308
TCGA-EM-A1YD-01A	THCA	1.416111246	1.016534782	0
TCGA-MA-AA43-01A	CESC	3.915760475	4.664191685	1.502165644
TCGA-AA-3710-01A	COAD	4.637462703	3.196743441	0.740832341
TCGA-06-0219-01A	GBM	4.899951173	2.919396876	0.09871895
TCGA-QR-A70E-01A	PCPG	3.536822013	3.480168408	0
TCGA-13-0804-01A	OV	5.033717376	3.779788956	0.111235884
TCGA-IG-A4P3-01A	ESCA	3.894928227	2.669197307	0.266738072
TCGA-AA-3531-01A	COAD	4.072712441	5.116727278	1.564048956
TCGA-EM-A2CP-01A	THCA	2.005665736	0.964005087	0.029447027
TCGA-56-8623-01A	LUSC	2.420671144	1.77466381	0.008508141
TCGA-A7-A26E-01A	BRCA	2.68358997	1.35437854	0.021085189
TCGA-B5-A3FH-01A	UCEC	2.845664564	3.375714155	0.079139441
TCGA-VS-A94Z-01A	CESC	4.257885138	4.425570285	0.361896464
TCGA-5L-AAT0-01A	BRCA	3.560930908	2.50552724	0.035357902
TCGA-ET-A25R-01A	THCA	3.113492658	2.6440453	0
TCGA-VS-A9V4-01A	CESC	4.454712156	3.833007539	0.480058687
TCGA-HC-7230-01A	PRAD	2.943158872	1.688546699	0.054467899
TCGA-18-3407-01A	LUSC	3.581046568	2.575448132	0.205309722
TCGA-61-2002-01A	OV	3.809791653	4.349679793	0.503308042
TCGA-B0-5110-01A	KIRC3	0.018711795	1.264687463	0.011211331
TCGA-C5-A1ML-01A	CESC	3.939872488	3.669362885	0.120455772
TCGA-BF-A5EQ-01A	SKCM	3.578222579	4.421739698	0.418049233
TCGA-23-1030-01A	OV	4.56458901	3.087174324	0.087883926
TCGA-RY-A843-01A	LGG	4.017039282	2.752110747	0.120213546
TCGA-70-6722-01A	LUSC	2.490590749	3.000291527	0.35558393
TCGA-OL-A5RV-01A	BRCA	4.002666504	2.159981973	0.026688078
TCGA-D1-A103-01A	UCEC	4.119316875	3.248911664	0.033558512
TCGA-60-2707-01A	LUSC	2.525928733	2.477907457	0.023581325
TCGA-FD-A3B8-01A	BLCA	2.643138018	2.992738103	0.263459253
TCGA-AX-A2H4-01A	UCEC	5.514858266	3.596885774	0.180936506
TCGA-QR-A70P-01A	PCPG	4.360327693	4.231518674	0.021161479

TCGA-AA-3866-01A	COAD	3.162446567	4.618779714	0.472260034
TCGA-P5-A733-01A	LGG	3.951216315	1.124177709	0
TCGA-CV-7414-01A	HNSC	1.249387293	2.025058195	0.059137245
TCGA-HD-7831-01A	HNSC	2.039822929	2.037352035	0.032027889
TCGA-AC-A3W7-01A	BRCA	3.624653038	2.356695857	0.066382665
TCGA-BS-A0UM-01A	UCEC	3.523586265	4.324944697	0.251263656
TCGA-77-7338-01A	LUSC	3.150302671	2.622382686	0.025186942
TCGA-B6-A0RV-01A	BRCA	3.331200057	3.033974918	0.049918081
TCGA-CZ-4865-01A	KIRC	1.872975548	1.878380838	0.666277847
TCGA-AY-A69D-01A	COAD	4.322376046	4.2833088	0.325330924
TCGA-CW-5583-01A	KIRC	3.218380009	1.612955136	0
TCGA-2A-A8VV-01A	PRAD	3.873635479	1.466629284	0.056374609
TCGA-EJ-7315-01A	PRAD	2.250817384	1.525426852	0.065853117
TCGA-DU-7008-01A	LGG	3.667877253	3.070114129	0
TCGA-B0-4821-01A	KIRC	4.541510379	3.073912888	0.13781259
TCGA-CJ-4893-01A	KIRC	2.019729432	1.201365237	0
TCGA-E1-A7Z4-01A	LGG	3.986571263	1.045216413	0.005649512
TCGA-QQ-A8VG-01A	SARC	3.279629934	2.677266144	0
TCGA-TT-A6YN-01A	PCPG	3.874291343	1.558345034	0.005080289
TCGA-CM-5861-01A	COAD	3.178083821	2.941579107	0.122622798
TCGA-E2-A1IJ-01A	BRCA	2.77271139	1.735195241	0.008775925
TCGA-Q1-A6DT-01A	CESC	4.935707568	4.316695727	1.204479792
TCGA-CK-6747-01A	COAD	2.486276605	3.237831507	0.514389857
TCGA-HV-A7OL-01A	PAAD	3.960123738	3.180996761	0.125859122
TCGA-S3-A6ZF-01A	BRCA	4.029007204	3.761328025	0.09486435
TCGA-DU-5847-01A	LGG	3.604242286	4.53530279	0.502586398
TCGA-MQ-A4LV-01A	MESO	3.376496725	3.96541824	0.123833151
TCGA-ZZ-A9JG-01A	KIRP	3.1971251	1.577789423	0
TCGA-75-5122-01A	LUAD	3.395418291	3.297082778	0.031883448
TCGA-B0-5700-01A	KIRC	2.289391749	2.232683423	0.014085261
TCGA-ZJ-A8QO-01A	CESC	4.707544194	4.985945981	0.427429884
TCGA-DX-A3LY-01B	SARC	2.651461826	3.389905745	0
TCGA-44-2666-01B	LUAD	4.290116722	2.368706404	0.46831178
TCGA-5L-AAT1-01A	BRCA	3.56651375	1.44996844	0
TCGA-W2-A7HD-01A	PCPG	3.805000429	1.235282517	0
TCGA-HN-A2OB-01A	BRCA	3.599801604	1.169977699	0.032234878
TCGA-CN-6018-01A	HNSC	1.771606586	3.017625879	0.248596175
TCGA-CN-6998-01A	HNSC	1.355914643	1.926603717	0.018867991
TCGA-AK-3465-01A	KIRC	2.598135861	2.208448939	1.40017457
TCGA-91-8499-01A	LUAD	4.536503918	5.03939383	0.632780515
TCGA-CD-5800-01A	STAD	3.826027044	4.94536791	2.519506294
TCGA-F5-6814-01A	READ	4.577075488	4.209012599	0.587681131
TCGA-DV-5568-01A	KIRC	2.330029705	1.807473158	0.026620433
TCGA-E2-A15R-01A	BRCA	2.682934667	4.67713285	0.021620885

TCGA-D1-A162-01A	UCEC	4.567845339	3.212878226	1.900399091
TCGA-EJ-A46D-01A	PRAD	3.502286887	1.29582835	0.008533935
TCGA-C8-A8HR-01A	BRCA	3.801186398	3.620042356	0.077714703
TCGA-E2-A572-01A	BRCA	2.436752071	3.188732472	0.106371414
TCGA-3C-AALI-01A	BRCA	3.410317289	4.782997784	0.428873486
TCGA-BR-6705-01A	STAD	2.381091725	2.359599759	0.304207936
TCGA-D1-A17R-01A	UCEC	2.913812233	3.723358802	0.428090229
TCGA-L5-A88Y-01A	ESCA	2.750495293	2.716507298	0.159506497
TCGA-A3-3359-01A	KIRC3.05	4.877016	1.426694673	0.00675721
TCGA-C8-A12V-01A	BRCA	4.008505927	4.104632653	0.18394156
TCGA-HZ-7923-01A	PAAD	3.201482324	1.355627146	0.004719638
TCGA-AR-A1AQ-01A	BRCA	4.883705141	4.092107642	0.509166631
TCGA-A6-6782-01A	COAD	3.744977137	4.107319675	0.476871702
TCGA-S7-A7X1-01A	PCPG	2.364418961	2.202745052	0.00507041
TCGA-HT-A74L-01A	LGG	4.573826689	2.150108008	0.216415213
TCGA-50-5946-01A	LUAD	4.830785553	5.06679116	0.138807995
TCGA-CD-5801-01A	STAD	3.096933712	3.572809181	0.061150554
TCGA-60-2709-01A	LUSC	4.102009863	3.122584243	0.074883953
TCGA-CG-5732-01A	STAD	2.514586001	2.996370789	0.299147288
TCGA-91-A4BC-01A	LUAD	5.034660374	4.887391527	1.728252555
TCGA-59-2363-01A	OV	4.960757384	4.414625589	1.415639197
TCGA-CJ-4878-01A	KIRC4	4.499541595	1.361423109	0.007289407
TCGA-2L-AAQE-01A	PAAD	3.659188707	2.773820633	0.078551616
TCGA-IC-A6RE-01A	ESCA	2.991009379	4.233122591	0.249879786
TCGA-E2-A14V-01A	BRCA	4.684361246	4.081684502	0.124315214
TCGA-13-A5FT-01A	OV	4.722718453	4.171723971	0.0901534
TCGA-MF-A522-01A	LUSC	3.418768451	3.888509506	0.438127609
TCGA-WB-A81M-01A	PCPG	4.161725035	2.346875526	0
TCGA-AO-A03L-01A	BRCA	3.732180463	3.804895719	0.203656683
TCGA-56-8201-01A	LUSC	4.19482989	2.986427011	0.243106138
TCGA-FG-8181-01A	LGG	2.113903556	2.143252677	0.020420497
TCGA-LK-A4NZ-01A	MESO	3.81594463	2.104055356	0.006311937
TCGA-ZG-A9L9-01A	PRAD	3.818777898	1.581763096	0.10131644
TCGA-YU-A90P-01A	TGCT	5.389377738	5.013562482	1.558432613
TCGA-G4-6298-01A	COAD	4.460444992	3.997702305	1.126329181
TCGA-DU-6542-01A	LGG	4.068148919	1.903464892	0
TCGA-HV-A5A5-01A	PAAD	3.092277977	2.039574871	0.061676373
TCGA-EP-A26S-01A	LIHC	2.471234467	1.669653795	0.022817006
TCGA-LK-A4O0-01A	MESO	4.655886737	3.515671231	0.475165829
TCGA-44-3917-01A	LUAD	5.003863649	2.573266426	0.397520638
TCGA-3E-AAAY-01A	PAAD	3.543517303	2.08587067	0.113052889
TCGA-3A-A9IX-01A	PAAD	2.921646013	1.46127511	0.026858391
TCGA-CV-5979-01A	HNSC	3.113838391	2.379410664	0.196480297
TCGA-EL-A3CM-01A	THCA	2.841553473	2.071801956	0.113498016

TCGA-V1-A9Z7-01A	PRAD	3.955239305	2.077633767	0.017002663
TCGA-BL-A13I-01A	BLCA	3.360886643	3.950837142	1.011652663
TCGA-BR-8690-01A	STAD	3.945231906	2.750379349	0.361007424
TCGA-CR-5250-01A	HNSC	3.512189987	3.807399918	0.877589466
TCGA-C5-A1BI-01B	CESC	4.514908925	4.062834614	0.071906373
TCGA-E7-A6MF-01A	BLCA	4.065747594	1.169631163	0
TCGA-BH-A0B1-01A	BRCA	2.489674624	3.146433766	0.005027813
TCGA-VS-A8EK-01A	CESC	4.986720407	4.382443674	0.21516235
TCGA-EL-A3H2-01A	THCA	2.217878801	1.009849695	0
TCGA-AK-3451-01A	KIRC	1.480612919	1.757675148	0
TCGA-BP-4973-01A	KIRC	3.784223897	1.270794197	2.527450637
TCGA-RD-A8N5-01A	STAD	2.615371139	2.662741272	0.046757051
TCGA-ED-A7PZ-01A	LIHC	2.784039607	2.235881717	0.552805874
TCGA-ND-A4WC-01A	UCS	4.450212482	3.567761575	0.171373376
TCGA-86-8056-01A	LUAD	3.272618667	2.150677037	0.10716823
TCGA-A2-A3XT-01A	BRCA	4.481384177	4.90788834	0.455836979
TCGA-D1-A16E-01A	UCEC	2.456400836	2.620324904	0.257632221
TCGA-HJ-7597-01A	STAD	3.392726582	3.38429676	0.363953731
TCGA-04-1364-01A	OV	4.251496033	5.756176102	0.074523911
TCGA-23-1028-01A	OV	4.433145108	3.545944215	0.012767192
TCGA-XV-A9VZ-01A	SKCM	4.866659453	3.156855333	0.024939941
TCGA-DD-AAW1-01A	LIHC	1.337600664	1.364944479	0.005326223
TCGA-RS-A6TP-01A	HNSC	3.951661974	7.863247864	0.190842177
TCGA-44-7662-01A	LUAD	4.065351935	4.258919117	0.299206628
TCGA-CV-7255-01A	HNSC	2.460363727	2.918071644	0.265572715
TCGA-AA-3552-01A	COAD	3.785631191	3.74892765	1.340601315
TCGA-FI-A2EY-01A	UCEC	5.10499995	2.805509508	0.32874429
TCGA-EJ-5498-01A	PRAD	2.587410975	0.93502363	0
TCGA-E5-A4U1-01A	BLCA	5.842985192	5.282475406	3.85529704
TCGA-VD-AA8S-01B	UVM	4.082161922	2.082015224	0
TCGA-WK-A8XT-01A	SARC	5.091896956	3.354496445	0.107376758
TCGA-DK-A6AV-01A	BLCA	3.941118786	4.569300688	0.184897316
TCGA-EX-A449-01A	CESC	3.409869041	5.742905872	1.161745518
TCGA-AG-3726-01A	READ	2.388070618	4.814341857	0.789061901
TCGA-EO-A3B1-01A	UCEC	3.593428836	3.6602192	0.63195489
TCGA-D8-A1JP-01A	BRCA	4.205933576	4.444342766	0.014258318
TCGA-B0-4849-01A	KIRC	3.974776035	0.79085074	0.015563636
TCGA-FP-8631-01A	STAD	3.412205587	3.890039287	0.074168738
TCGA-5N-A9KM-01A	BLCA	3.111233891	2.003936422	0.151560629
TCGA-BG-A0MQ-01A	UCEC	4.580203588	2.667495076	0.190330755
TCGA-30-1857-01A	OV	4.125119412	3.580160094	0.191453475
TCGA-IQ-7630-01A	HNSC	3.766962455	2.893594401	0.694308008
TCGA-BS-A0UL-01A	UCEC	4.045620209	2.917974421	0.062742619
TCGA-MK-A4N7-01A	THCA	2.920531063	1.368524731	0

TCGA-J4-A67T-01A	PRAD	3.64526498	0.897918377	0.082048608
TCGA-ED-A97K-01A	LIHC	3.340294335	2.256029526	0.042719073
TCGA-XC-AA0X-01A	LUSC	4.34799485	2.765599331	0.460890029
TCGA-AR-A24U-01A	BRCA	2.748874844	2.761656041	0.028645607
TCGA-12-3652-01A	GBM	4.170589328	3.470123426	0.273880965
TCGA-EM-A2P1-01A	THCA	2.958089926	1.916140852	0.021069615
TCGA-MV-A51V-01A	BLCA	2.58708797	4.673821434	0.386132809
TCGA-13-2060-01A	OV	3.714790293	4.327023473	0.05279289
TCGA-60-2708-01A	LUSC	2.874693255	2.611799553	0.173347678
TCGA-S2-AA1A-01A	LUAD	3.822947892	1.863702292	0.116110705
TCGA-EK-A2RE-01A	CESC	3.781123489	3.271538454	0.124763004
TCGA-HB-A43Z-01A	SARC	2.896449018	4.374142764	0
TCGA-CA-6717-01A	COAD	4.303706258	3.331930179	0.586996432
TCGA-TS-A7OU-01B	MESO	3.355216168	2.57320538	0.007788155
TCGA-EB-A6R0-01A	SKCM	4.345691477	4.439883738	0.678740844
TCGA-AO-A1KO-01A	BRCA	4.044760171	0.861030995	0.008489825
TCGA-S7-A7WW-01A	PCPG	1.882786599	1.697817194	0
TCGA-ZB-A96H-01A	THYM	4.606120382	1.324220846	0.459214804
TCGA-EJ-A8FN-01A	PRAD	3.180847914	1.620849188	0.083022397
TCGA-ZF-A9RF-01A	BLCA	4.150976889	4.434088973	1.123000948
TCGA-E9-A1RD-01A	BRCA	3.241859512	1.936273273	0.037830087
TCGA-KM-8477-01A	KICH	2.706823429	1.126585366	0
TCGA-QH-A6X8-01A	LGG	3.79802336	3.498836584	0.101401524
TCGA-UT-A97Y-01A	MESO	3.881756969	3.127490281	0.068891275
TCGA-KK-A8ID-01A	PRAD	3.550292257	2.438062353	0.073820251
TCGA-ZF-A9RE-01A	BLCA	4.85584217	3.120085996	1.271453435
TCGA-VS-A954-01A	CESC	4.847789152	5.434378924	0.18513842
TCGA-63-6202-01A	LUSC	3.125098997	3.847485354	0.569493428
TCGA-DD-A1EI-01A	LIHC	3.426640414	3.39826316	0.190641976
TCGA-CQ-A4C6-01A	HNSC	3.212236738	2.89186969	0.069008799
TCGA-HT-8010-01A	LGG	3.067689165	1.485585725	0.010356606
TCGA-WB-A821-01A	PCPG	2.804325784	3.877826639	0
TCGA-HT-A5RB-01A	LGG	4.2607413	1.92311988	0
TCGA-F6-A8O3-01A	LGG	4.187019904	2.178042005	0.252029933
TCGA-AX-A1CR-01A	UCEC	3.867609586	4.112754715	0.112240548
TCGA-LL-A5YP-01A	BRCA	3.376347402	4.685553416	0.006629162
TCGA-ZF-A9RC-01A	BLCA	4.008181992	4.153405952	1.45257998
TCGA-61-2101-01A	OV	3.590661012	4.046639854	0.121850809
TCGA-86-7714-01A	LUAD	2.527374869	1.43000375	0.039229056
TCGA-57-1586-01A	OV	3.988654695	4.33440734	0.558701336
TCGA-75-6206-01A	LUAD	2.672060222	2.624625382	0.018679931
TCGA-EM-A2CQ-01A	THCA	1.978576656	1.114705206	0
TCGA-CK-6748-01A	COAD	2.395288365	2.202302863	1.31467613
TCGA-F5-6864-01A	READ	3.858218918	3.785454009	0.58157994

TCGA-22-0940-01A	LUSC	3.978742791	3.164918207	0.019411004
TCGA-CM-6677-01A	COAD	4.643815728	4.6323012	0.374645571
TCGA-AK-3455-01A	KIRC3	2.99422374	1.23111526	0.049633476
TCGA-L9-A7SV-01A	LUAD	4.61411782	4.446989825	2.381117392
TCGA-ET-A3BT-01A	THCA	2.961953405	2.677015329	0.093138424
TCGA-RY-A840-01A	LGG	4.482195667	2.936850545	0.155269501
TCGA-EM-A3AK-01A	THCA	2.902758563	2.431440033	0
TCGA-D1-A16F-01A	UCEC	3.644579372	2.375319815	0.057760553
TCGA-33-A5GW-01A	LUSC	3.263525508	3.254472638	0.069825407
TCGA-EM-A3SZ-01A	THCA	2.705060428	2.673415657	0.006728278
TCGA-ZH-A8Y8-01A	CHOL	3.5697177	2.904205953	0.069353781
TCGA-V1-A8MF-01A	PRAD	3.538412939	1.510980757	0
TCGA-22-A5C4-01A	LUSC	5.128995399	4.411554941	0.15699067
TCGA-BF-A1PU-01A	SKCM	2.722300398	5.010596321	0.155718647
TCGA-BT-A20W-01A	BLCA	3.974629127	3.315230562	0.260045614
TCGA-L5-A4OP-01A	ESCA	2.856600192	2.253785566	0.82596591
TCGA-LN-A49U-01A	ESCA	3.381852354	2.939302087	0.149546619
TCGA-DX-A48N-01A	SARC	3.796218667	4.365454146	0
TCGA-A6-6648-01A	COAD	4.153849411	4.346104518	0.637386303
TCGA-CG-5722-01A	STAD	4.323444121	4.611238071	5.841662686
TCGA-UY-A9PA-01A	BLCA	2.490372403	2.691038652	0.343093304
TCGA-HI-7171-01A	PRAD	4.243318172	1.703035345	0.206363966
TCGA-CZ-5984-01A	KIRC2	7.18826672	2.505523839	0.004418863
TCGA-HU-A4G3-01A	STAD	3.025602088	2.693690048	0.116523864
TCGA-EI-6507-01A	READ	4.543664139	3.514954216	0.957538738
TCGA-55-8614-01A	LUAD	3.545747866	3.312677986	0.017634528
TCGA-MP-A4TA-01A	LUAD	4.412359116	4.43330157	0.714079325
TCGA-FF-8042-01A	DLBC	4.257774387	5.786764756	2.138806293
TCGA-BW-A5NP-01A	LIHC	4.181275844	2.923702633	0.022163348
TCGA-AK-3440-01A	KIRC3	3.92236117	1.478908141	0
TCGA-E9-A1NH-01A	BRCA	3.020589513	1.445260748	0.006435317
TCGA-66-2791-01A	LUSC	4.201519712	2.459545537	0.255785083
TCGA-KK-A8IC-01A	PRAD	3.453352062	2.254731068	0.017023909
TCGA-61-2109-01A	OV	4.981425032	4.284820651	1.026064708
TCGA-EW-A424-01A	BRCA	4.804109883	2.806737858	0.175232701
TCGA-QR-A6H1-01A	PCPG	3.156027109	3.291776531	0
TCGA-RW-A68F-01A	PCPG	2.75055211	3.004324841	0.007100171
TCGA-B1-A47M-01A	KIRP	3.333819213	1.924904467	0.265712279
TCGA-DD-A39Y-01A	LIHC	3.319069813	2.716210006	0.336180923
TCGA-AR-A0TZ-01A	BRCA	4.009594921	4.896075561	0.263009771
TCGA-GM-A5PX-01A	BRCA	3.400135783	1.65351503	0.043195955
TCGA-95-7944-01A	LUAD	3.514185679	3.408818642	0.373765564
TCGA-26-5136-01B	GBM	4.189129497	4.281283567	0.2595093
TCGA-28-1753-01A	GBM	3.58729582	3.948545262	0.575281192

TCGA-A1-A0SF-01A	BRCA	3.196376215	2.968740659	0.061023676
TCGA-F1-A448-01A	STAD	2.723158867	3.005352226	0.158679668
TCGA-FU-A57G-01A	CESC	3.475494321	2.913876948	0.124763261
TCGA-CN-4729-01A	HNSC	2.430389686	2.124589672	0.270351126
TCGA-FI-A2F4-01A	UCEC	3.347781977	3.004970208	0.340825646
TCGA-HT-7468-01A	LGG	4.288697882	2.305139323	0.072888985
TCGA-31-1950-01A	OV	3.82013337	4.815805761	0.105209479
TCGA-LN-A4A3-01A	ESCA	3.683291838	3.438367745	0.091059998
TCGA-OR-A5LK-01A	ACC	1.805756208	3.122953757	0.026277076
TCGA-BB-A5HZ-01A	HNSC	3.694487549	2.468851506	0.316170342
TCGA-DX-A6BF-01A	SARC	3.052774132	4.103848919	0.011347881
TCGA-06-0184-01A	GBM	2.74797194	3.145113926	0.098189196
TCGA-MP-A4TC-01A	LUAD	4.054479927	4.410060158	0.136313281
TCGA-A1-A0SJ-01A	BRCA	1.998846809	2.85022049	0.1778774
TCGA-OR-A5LG-01A	ACC	3.770231898	3.40843116	1.174521655
TCGA-DJ-A3VD-01A	THCA	3.0851629	2.692913999	0.125545882
TCGA-AO-A12A-01A	BRCA	3.912502129	2.081889062	0.031343467
TCGA-HU-A4GT-01A	STAD	4.412093395	3.246296636	0.786551097
TCGA-BG-A18A-01A	UCEC	2.990030962	2.631258014	0.999397486
TCGA-FG-A4MY-01A	LGG	4.623223023	2.417118871	0.009325063
TCGA-ZB-A96E-01A	THYM	4.81192794	3.575851952	2.084564728
TCGA-EY-A3QX-01A	UCEC	5.768162573	4.648671101	0.005256042
TCGA-A2-A04V-01A	BRCA	4.433235556	2.9021904	0.035558925
TCGA-EY-A1GU-01A	UCEC	3.565311744	1.991792122	0.023220443
TCGA-91-6847-01A	LUAD	4.485616977	4.169499487	0.923549737
TCGA-AA-3511-01A	COAD	3.235716214	3.899298222	1.143577882
TCGA-EW-A1IY-01A	BRCA	3.359272031	1.658797957	0.094669673
TCGA-A1-A0SP-01A	BRCA	4.404459562	5.29786306	0.93214063
TCGA-34-5234-01A	LUSC	3.880106666	1.720544307	0.004693504
TCGA-GU-AATO-01A	BLCA	3.410595186	5.13821561	2.536222721
TCGA-18-3409-01A	LUSC	2.309342065	2.718809386	0.14477079
TCGA-JW-AAVH-01A	CESC	4.232100897	4.934881076	0.332590451
TCGA-EL-A3GQ-01A	THCA	3.423178876	0.751725645	0.009964324
TCGA-AO-A03M-01B	BRCA	2.35712797	3.037917367	0.136950982
TCGA-HU-A4G2-01A	STAD	4.633040197	3.567306541	0.073776363
TCGA-AX-A2HH-01A	UCEC	3.908959466	3.955180311	0.292425153
TCGA-43-2578-01A	LUSC	4.225705236	4.577728118	0.120066968
TCGA-O8-A75V-01A	LIHC	1.894674236	1.88999079	0.178605377
TCGA-4T-AA8H-01A	COAD	4.274677088	2.92253102	0.557290773
TCGA-J8-A4HY-01A	THCA	3.108480948	2.606791969	0.091105553
TCGA-BQ-7058-01A	KIRP	1.69546702	1.709437393	0.075012698
TCGA-DD-A4NF-01A	LIHC	1.753193237	0.820192101	0.017509662
TCGA-WK-A8XQ-01A	SARC	4.529536691	4.27948842	0.122718551
TCGA-VD-A8K7-01B	UVM	5.603281041	0.593490513	0.039270985

TCGA-AA-3968-01A	COAD	4.7641751	4.164151739	1.552958888
TCGA-DC-4745-01A	READ	4.570359229	4.776225287	0.756194473
TCGA-MQ-A4LP-01A	MESO	3.742816539	3.687588383	0.523345186
TCGA-CV-7180-01A	HNSC	2.483385856	3.310778767	0.101050499
TCGA-QH-A86X-01A	LGG	4.651079013	2.417085059	0.113214842
TCGA-12-3653-01A	GBM	3.095752755	3.80275536	0.239597271
TCGA-13-0886-01A	OV	4.111419763	4.357322508	0.059335466
TCGA-HT-7882-01A	LGG	3.257893388	1.701941397	0.063093013
TCGA-EA-A1QT-01A	CESC	5.136750412	5.670791869	0.720030684
TCGA-97-7552-01A	LUAD	2.381285875	1.516729767	0.006290051
TCGA-WZ-A7V3-01A	TGCT	4.092488207	4.585155596	0.777724809
TCGA-NH-A6GA-01A	COAD	5.114622174	4.053725497	2.386160063
TCGA-BG-A2L7-01A	UCEC	3.775949447	2.112239001	0.132403154
TCGA-50-5072-01A	LUAD	2.721385587	3.259183002	0.619780259
TCGA-A1-A0SH-01A	BRCA	1.751931307	1.627295587	0
TCGA-VR-A8EY-01A	ESCA	4.335877306	3.402597784	1.14795154
TCGA-D8-A1X8-01A	BRCA	2.920051702	2.143129007	0.058533668
TCGA-BR-6803-01A	STAD	2.29429423	2.341437608	0.384725993
TCGA-A4-7828-01A	KIRP	1.875329553	2.068833527	0
TCGA-09-1667-01C	OV	5.021718417	3.970633023	0.17499795
TCGA-BP-5175-01A	KIRC2	1.18760264	1.632227445	0.263920685
TCGA-GC-A4ZW-01A	BLCA	3.051929356	5.742022621	0.400779386
TCGA-D8-A1JL-01A	BRCA	2.892028715	2.501735593	0.471034236
TCGA-25-1870-01A	OV	3.407204089	2.814704599	0.132161965
TCGA-CJ-4892-01A	KIRC3	3.398939942	1.568127599	0.020421468
TCGA-BR-8289-01A	STAD	3.495875463	3.782077538	0.115972702
TCGA-CN-A641-01A	HNSC	4.144933664	4.279292924	0.250897561
TCGA-AX-A05S-01A	UCEC	3.173159156	2.890653947	0.357179385
TCGA-LN-A5U5-01A	ESCA	3.730621352	2.648598515	0.186367436
TCGA-B5-A0K0-01A	UCEC	3.967882768	2.147165041	0.225349237
TCGA-MJ-A850-01A	SARC	4.577315326	3.844019581	0.130758881
TCGA-86-8055-01A	LUAD	2.578380427	2.901990019	0.07217349
TCGA-EM-A3AN-01A	THCA	2.59721396	1.310635289	0
TCGA-3A-A9J0-01A	PAAD	3.315776206	3.588133669	0.075810943
TCGA-3U-A98F-01A	MESO	4.482766873	3.424406804	0.454900436
TCGA-RD-A8NB-01A	STAD	2.976931091	2.822070271	0.260384671
TCGA-W8-A86G-01A	BRCA	4.278312424	1.957250143	0.056883419
TCGA-BK-A0CC-01B	UCEC	4.139023046	2.347262245	0.058400602
TCGA-G9-6353-01A	PRAD	2.659976519	1.15529629	0.055937592
TCGA-44-6146-01A	LUAD	2.092303369	1.620525242	0.037401291
TCGA-LL-A441-01A	BRCA	5.19911425	3.642161341	0.389431244
TCGA-DU-5855-01A	LGG	3.930139477	1.678740622	0.004954612
TCGA-AM-5821-01A	COAD	4.847803444	3.319408575	1.035653232
TCGA-X6-A7WA-01A	SARC	2.767457866	4.186301266	0.005252248

TCGA-A2-A0T5-01A	BRCA	3.186732396	2.060077361	0.307249173
TCGA-YL-A8SI-01A	PRAD	3.404331283	1.276519781	0.082136546
TCGA-EW-A1P7-01A	BRCA	3.498457782	2.03432422	0.070041436
TCGA-KK-A8I7-01A	PRAD	3.039150103	1.934032712	0.012311577
TCGA-E1-A7YH-01A	LGG	4.336606299	2.168259252	0.026870858
TCGA-XV-AAZV-01A	SKCM	3.158748034	3.699858987	0.04235892
TCGA-HD-A6I0-01A	HNSC	3.172877872	3.25415975	0.157348668
TCGA-MM-A563-01A	KIRC3	5.7875164	2.911082176	0.628601021
TCGA-HB-A5W3-01A	SARC	3.245053319	3.805145891	0
TCGA-56-8503-01A	LUSC	3.753564479	2.833433185	0.051277245
TCGA-CN-6017-01A	HNSC	1.956416653	2.260041174	0.081090164
TCGA-OR-A5JJ-01A	ACC	2.848423726	5.235984917	0.078710335
TCGA-QR-A705-01A	PCPG	2.645049548	2.420402403	0
TCGA-BP-4174-01A	KIRC1	9.22724328	1.36371762	0.011197698
TCGA-EO-A3KX-01A	UCEC	4.619441953	3.760423642	0.675807593
TCGA-DX-A23U-01A	SARC	1.469169594	1.078351513	0
TCGA-HW-A5KJ-01A	LGG	5.329447909	3.700611671	0.187427727
TCGA-E2-A1BD-01A	BRCA	2.915602035	2.387703348	0.264445311
TCGA-14-0781-01B	GBM	2.539897243	2.130878424	0.102064116
TCGA-CN-4739-01A	HNSC	3.53990304	3.404697331	0.057564705
TCGA-SC-A6LN-01A	MESO	3.722531295	4.98196643	0.464421366
TCGA-CM-6166-01A	COAD	4.889552873	4.434317291	0.629943812
TCGA-A6-2681-01A	COAD	2.176350547	3.69114128	0.423291936
TCGA-KB-A93H-01A	STAD	5.288230235	3.461261675	0.208217594
TCGA-DU-A7TA-01A	LGG	4.926094404	2.44276848	0.018058808
TCGA-ED-A66X-01A	LIHC	3.100175094	2.542233637	0.054702825
TCGA-G8-6907-01A	DLBC	3.689270157	3.129476164	0.103813147
TCGA-VD-A8KD-01A	UVM	4.645872338	1.372346293	0.050883518
TCGA-50-6594-01A	LUAD	2.311018964	3.598727121	0.071530237
TCGA-37-3783-01A	LUSC	4.556498676	3.302221795	0.024687066
TCGA-IB-7652-01A	PAAD	2.456836141	1.381250911	0.055475239
TCGA-DD-AAVR-01A	LIHC	2.82990502	1.32858833	0.019361088
TCGA-HU-A4H4-01A	STAD	3.437680699	4.395922007	0.20209107
TCGA-WB-A81J-01A	PCPG	3.739332339	2.292188797	0
TCGA-E2-A1B5-01A	BRCA	3.616869602	2.044882862	0.028758481
TCGA-MO-A47P-01A	SARC	2.504814229	1.979698795	0.006428051
TCGA-86-A4P7-01A	LUAD	3.802010259	3.094585422	0.305279214
TCGA-HT-7693-01A	LGG	5.762497176	1.781683546	0
TCGA-E1-5302-01A	LGG	3.201761665	2.026755445	0.005186031
TCGA-BR-6710-01A	STAD	2.353533547	1.463441273	0.060038962
TCGA-FY-A3R9-01A	THCA	2.241955792	0.568263173	0
TCGA-HC-7747-01A	PRAD	2.837939921	1.211771572	0.023478469
TCGA-12-0616-01A	GBM	3.967826344	3.912195877	0.448505008
TCGA-AQ-A1H3-01A	BRCA	2.797666019	1.824363289	0.045990386

TCGA-BG-A0W2-01A	UCEC	4.178786188	1.874123072	0.062592502
TCGA-CR-7390-01A	HNSC	3.417772576	3.040921008	0.211190532
TCGA-FG-A87Q-01A	LGG	3.433442817	2.831366787	0.090382593
TCGA-AA-3488-01A	COAD	3.278439253	5.149915619	0.536507525
TCGA-WB-A81S-01A	PCPG	3.073414338	1.836263742	0.005514588
TCGA-W5-AA2U-01A	CHOL	3.959892962	3.949950678	0.025573749
TCGA-KN-8433-01A	KICH	3.072929959	2.071421549	0
TCGA-BT-A20X-01A	BLCA	2.999591713	2.840185276	0.004773644
TCGA-V4-A9EI-01A	UVM	4.22274112	2.816696189	0.224279161
TCGA-55-8620-01A	LUAD	4.485517727	4.713409543	0.473515125
TCGA-4A-A93W-01A	KIRP	3.235778839	1.94277277	0.006416878
TCGA-FU-A770-01A	CESC	3.882921543	4.884756117	0.159756829
TCGA-AK-3454-01A	KIRC	3.143667176	1.865865738	0.057534136
TCGA-85-6560-01A	LUSC	3.787944873	4.854420301	2.48664915
TCGA-ZZ-A9JM-01A	KIRP	3.537269084	1.412610585	0.013989422
TCGA-FD-A5C0-01A	BLCA	3.190464908	4.377242335	0.139723733
TCGA-L5-A893-01A	ESCA	3.391143568	3.895701589	0.409183301
TCGA-CD-A487-01A	STAD	3.646050428	3.859546688	0.038708959
TCGA-35-4122-01A	LUAD	2.933839913	3.208758694	0
TCGA-B0-4827-01A	KIRC	1.088445694	2.326916654	0.008561219
TCGA-EM-A22J-01A	THCA	2.435451901	2.469607141	0.004470713
TCGA-AJ-A3BG-01A	UCEC	3.099463093	3.298281975	0.1843647
TCGA-P3-A5QF-01A	HNSC	4.883737568	3.897097454	0.043509661
TCGA-3A-A9IO-01A	PAAD	2.401274837	0.728084554	0.006325954
TCGA-F9-A8NY-01A	KIRP	3.532245635	0.983478305	0
TCGA-CZ-5456-01A	KIRC	2.066580089	2.757065883	0.004976105
TCGA-HQ-A5ND-01A	BLCA	3.338848269	3.784266126	0.832065644
TCGA-IR-A3LF-01A	CESC	5.04191862	4.948991048	0.389373924
TCGA-46-6025-01A	LUSC	4.058654303	2.574360432	0.034098765
TCGA-A8-A06O-01A	BRCA	3.137409272	4.288022467	0.268081686
TCGA-DJ-A4V4-01A	THCA	3.327049889	3.026009292	0
TCGA-DM-A28G-01A	COAD	4.394862516	3.164172319	0.307331807
TCGA-67-6216-01A	LUAD	3.383940737	2.367405937	0.053875532
TCGA-AG-3878-01A	READ	2.647364009	4.257297875	0.262154021
TCGA-B0-5121-01A	KIRC	3.207923882	1.471414241	0.026344998
TCGA-A3-A6NI-01A	KIRC	3.433279199	2.386752627	0.00510523
TCGA-HC-8258-01A	PRAD	3.838623843	1.272189691	0.004301608
TCGA-DU-6404-01A	LGG	3.302956105	2.829724521	0.016471744
TCGA-VS-A9UR-01A	CESC	3.916600068	5.018461876	0.998882859
TCGA-BS-A0WQ-01A	UCEC	4.858789847	1.43004881	0.200088184
TCGA-46-3769-01A	LUSC	2.438406159	3.159612552	0.244562127
TCGA-D1-A17F-01A	UCEC	3.787432882	1.995160668	0.297051716
TCGA-AJ-A5DV-01A	UCEC	3.769149721	2.724271186	0.447204464
TCGA-TK-A8OK-01A	PRAD	2.515606412	1.216440228	0.006008067

TCGA-18-3414-01A	LUSC	4.046179979	3.19851883	0.394723715
TCGA-AA-3554-01A	COAD	3.385108954	3.75575352	0.145970704
TCGA-XU-AAXW-01A	THYM	5.039251284	3.746451004	1.966964954
TCGA-VQ-A91U-01A	STAD	4.102799775	2.915502245	0.531131459
TCGA-DX-A48L-01A	SARC	3.334736412	4.53556684	0.013137114
TCGA-UZ-A9PR-01A	KIRP	2.852636061	1.290726606	0
TCGA-EL-A4K6-01A	THCA	3.981773531	1.698933332	0.047364774
TCGA-38-4631-01A	LUAD	4.318226487	4.766316342	0.031611058
TCGA-TM-A84L-01A	LGG	4.356752394	1.81406591	0
TCGA-CG-5724-01A	STAD	3.776108477	5.01489021	0.246213108
TCGA-IN-A7NR-01A	STAD	3.440396893	2.582752786	0.083353435
TCGA-G4-6317-01A	COAD	4.124271592	3.834895971	1.010383137
TCGA-K1-A6RV-01A	SARC	4.2906759	3.853889646	0
TCGA-AJ-A3IA-01A	UCEC	3.746864817	3.05581015	0.27821989
TCGA-G9-6377-01A	PRAD	2.869617943	1.021366189	0.049191323
TCGA-85-A4QR-01A	LUSC	5.288409141	4.090278435	0.781666184
TCGA-UF-A7JC-01A	HNSC	3.730852342	2.534689811	0.033852872
TCGA-4K-AA1G-01A	TGCT	4.408617493	4.592388778	0.78431977
TCGA-CF-A3MI-01A	BLCA	3.131188387	2.094376297	0.070649747
TCGA-CN-6022-01A	HNSC	3.509692238	3.131517711	0.044408824
TCGA-AA-3496-01A	COAD	3.991676286	3.99811353	0.814931827
TCGA-CV-A6JN-01A	HNSC	3.272910194	3.562802496	0.400468633
TCGA-G9-6373-01A	PRAD	3.429027736	0.778660595	0.020969881
TCGA-UD-AAC4-01A	MESO	3.670700212	3.124339499	0.23630279
TCGA-10-0928-01A	OV	3.604947806	4.427117296	0.828740059
TCGA-UF-A719-01A	HNSC	3.530530562	2.541433968	0.08415058
TCGA-AJ-A3I9-01A	UCEC	4.724613364	4.235655566	0.320019555
TCGA-BH-A204-01A	BRCA	4.01310732	3.54515325	0.059672272
TCGA-JL-A3YX-01A	BRCA	4.694006758	2.850979929	0.615825228
TCGA-KS-A4ID-01A	THCA	2.936954685	3.170598509	0.006407936
TCGA-DJ-A3V3-01A	THCA	3.021541879	1.592048985	0
TCGA-A2-A0ES-01A	BRCA	2.848735045	1.466799709	0.016531767
TCGA-B0-4839-01A	KIRC	2.348204197	1.130918458	0.766017231
TCGA-LN-A4A1-01A	ESCA	3.22418324	3.212006083	0.015601773
TCGA-IN-A6RJ-01A	STAD	3.337280885	2.000298864	0.020995386
TCGA-06-0646-01A	GBM	3.033220275	3.60671105	0.662113219
TCGA-QR-A6H2-01A	PCPG	3.400081342	2.054166597	0.00624686
TCGA-23-1122-01A	OV	3.977701295	4.467814807	0.564281582
TCGA-BQ-7056-01A	KIRP	2.392593353	3.84258296	0.186814146
TCGA-B0-4847-01A	KIRC	3.412014114	2.123403663	0.021138864
TCGA-VD-A8KI-01A	UVM	2.79766569	2.993497558	0.020855884
TCGA-43-3394-01A	LUSC	4.558601379	3.258758559	0.150326642
TCGA-AA-3516-01A	COAD	3.406362408	3.927799276	0.058519916
TCGA-55-7815-01A	LUAD	2.472953201	1.337656368	0

TCGA-13-0900-01B	OV	3.977636395	3.926808754	0.045883615
TCGA-OR-A5JS-01A	ACC	3.142682665	5.156734945	1.612976331
TCGA-DJ-A4UP-01A	THCA	2.724629237	2.638097111	0.101934288
TCGA-24-1844-01A	OV	4.474348077	3.709086165	0.417601826
TCGA-22-4604-01A	LUSC	4.768785583	3.274289655	0.217229724
TCGA-2G-AAGP-01A	TGCT	4.733718533	4.071048268	1.029461101
TCGA-HT-7874-01A	LGG	3.052845478	1.954138885	0.023335077
TCGA-C5-A8XK-01A	CESC	4.647037375	4.546666443	0.428168756
TCGA-A6-3807-01A	COAD	4.143900775	3.484701922	0.996191536
TCGA-BR-8384-01A	STAD	2.293189969	1.730828352	0.05336137
TCGA-C8-A12P-01A	BRCA	3.150612168	4.405512901	0.021692631
TCGA-BS-A0TJ-01A	UCEC	3.524164454	4.419039076	0.115555206
TCGA-HT-A5R5-01A	LGG	3.024909083	1.127953001	0.013674197
TCGA-QT-A5XL-01A	PCPG	2.34440521	1.59787697	0
TCGA-DB-5274-01A	LGG	5.201690884	4.445471603	0.053192731
TCGA-XJ-A9DK-01A	PRAD	3.836245613	1.676764285	0.020560946
TCGA-CV-A45O-01A	HNSC	2.575843014	1.442740961	0.06352132
TCGA-66-2789-01A	LUSC	4.15985052	2.303715725	0.035204541
TCGA-B5-A11L-01B	UCEC	2.991147928	2.623132835	0.096229294
TCGA-WB-A814-01A	PCPG	3.158605838	1.236410184	0
TCGA-G4-6294-01A	COAD	4.203699019	3.515959103	0.574762363
TCGA-CM-6167-01A	COAD	3.169849988	3.335777161	0.34283836
TCGA-N7-A4Y8-01A	UCS	4.135179645	2.706743489	1.913371551
TCGA-GC-A3RD-01A	BLCA	3.757103939	3.508395304	0
TCGA-E7-A519-01A	BLCA	2.909671176	2.412397464	0.211796296
TCGA-K4-A83P-01A	BLCA	3.639221639	2.242694159	0.209953073
TCGA-CV-6942-01A	HNSC	4.086840759	3.604992335	0.283192851
TCGA-2Y-A9GZ-01A	LIHC	2.202518093	2.029460099	0.679789285
TCGA-B3-4103-01A	KIRP	2.854665545	1.416673358	0
TCGA-DU-5870-01A	LGG	3.743589444	1.806670407	0.049387464
TCGA-SU-A7E7-01A	PRAD	3.319938433	0.967191556	0.019030708
TCGA-ZR-A9CJ-01B	ESCA	4.394415354	3.550391852	0.395116391
TCGA-RW-A67W-01A	PCPG	2.719884393	1.211050254	0.006664863
TCGA-96-A4JL-01A	LUSC	4.715215093	3.884387494	1.351558605
TCGA-TQ-A7RP-01A	LGG	2.795496202	1.937752097	0.018846274
TCGA-YL-A8SP-01B	PRAD	4.922719203	1.921126519	0.247832318
TCGA-13-0911-01A	OV	3.380193803	4.410842081	0.128247648
TCGA-33-4532-01A	LUSC	4.736670255	4.062613664	1.360077854
TCGA-G9-6369-01A	PRAD	2.335204537	1.762096349	0
TCGA-D5-5537-01A	COAD	3.367431968	3.66329438	0.646911154
TCGA-3R-A8YX-01A	SARC	4.15384921	4.676498891	1.359639535
TCGA-OR-A5KX-01A	ACC	3.918148564	3.8792488	3.263391979
TCGA-24-1425-01A	OV	3.723758723	3.760666996	1.625808468
TCGA-JX-A3Q8-01A	CESC	3.717528295	5.71507638	0.240548144

TCGA-CJ-4889-01A	KIRC2	3.41443483	1.792932957	0.098088548
TCGA-14-2554-01A	GBM	3.066279216	2.543720423	0.012042991
TCGA-FK-A3SE-01A	THCA	2.46285536	1.749413033	0.003611809
TCGA-R8-A6MK-01A	LGG	4.339022967	2.478670296	0.326863625
TCGA-Y6-A9XI-01A	PRAD	3.516097045	1.967791703	0.034835992
TCGA-AX-A2IN-01A	UCEC	4.287799968	5.371849318	0.490327171
TCGA-HT-7858-01A	LGG	4.275679551	2.13386345	0
TCGA-A6-6649-01A	COAD	3.711758038	3.121902022	0.882075962
TCGA-BP-5189-01A	KIRC2	4.14600336	1.599219482	0.003147148
TCGA-BP-4977-01A	KIRC3	3.78519588	1.897205941	0.003956799
TCGA-AO-A0J9-01A	BRCA	3.518982178	2.596824398	0.491459268
TCGA-BP-4774-01A	KIRC2	9.10029492	1.382760602	0.019594463
TCGA-WY-A85B-01A	LGG	5.046345329	2.871593492	0
TCGA-ET-A3BP-01A	THCA	3.203999588	3.410452369	0
TCGA-CZ-5461-01A	KIRC2	7.85456233	1.191113861	0
TCGA-E1-5307-01A	LGG	3.761160995	0.998412252	0
TCGA-06-0211-01A	GBM	3.388621834	3.698605272	0.5241785
TCGA-EM-A1YE-01A	THCA	2.244768293	0.539912091	0
TCGA-SR-A6MS-01A	PCPG	3.03386218	3.169735762	0
TCGA-DJ-A3VI-01A	THCA	3.057039359	3.651696778	0
TCGA-BP-4345-01A	KIRC2	3.06706548	2.161217876	0.067911548
TCGA-09-0366-01A	OV	2.629179838	3.70461206	0.070811244
TCGA-66-2780-01A	LUSC	3.453348197	2.786162045	0.481352127
TCGA-VW-A8FI-01A	LGG	4.264188996	4.004211801	0.792272856
TCGA-DU-7299-01A	LGG	4.135183249	1.549676288	0
TCGA-5P-A9K8-01A	KIRP	2.890658508	2.346554063	0
TCGA-AC-A8OR-01A	BRCA	3.865625443	2.372064678	0.071532232
TCGA-A2-A0SU-01A	BRCA	2.956749192	2.561808043	0.048753123
TCGA-CV-5430-01A	HNSC	3.602675303	4.460861232	0.022871788
TCGA-EB-A3XB-01A	SKCM	2.489824267	3.461604137	0.061163885
TCGA-WT-AB41-01A	BRCA	4.459407297	3.319312713	0.031828611
TCGA-CH-5740-01A	PRAD	4.132280265	1.209501647	0.110715632
TCGA-XU-A92X-01A	THYM	4.390590056	3.494795332	2.085159805
TCGA-78-7159-01A	LUAD	3.846838578	3.589392541	0.305879512
TCGA-XU-A92W-01A	THYM	5.056783349	4.25484166	2.234182303
TCGA-61-2088-01A	OV	5.00155751	3.293947943	0.094524366
TCGA-AX-A3GI-01A	UCEC	3.832471393	5.152626385	1.497377928
TCGA-43-6770-01A	LUSC	4.155904389	3.398050123	0.771266965
TCGA-YT-A95H-01A	THYM	5.169539206	4.413304664	2.495893576
TCGA-DJ-A3UX-01A	THCA	3.459369183	1.913064167	0
TCGA-C8-A12L-01A	BRCA	3.150060765	3.860760656	0.057439429
TCGA-44-4112-01A	LUAD	3.760710344	3.008445474	0.03850046
TCGA-2Z-A9JT-01A	KIRP	2.256453575	1.41911474	0
TCGA-A3-3320-01A	KIRC3	2.259661329	0.804035411	0.010571602

TCGA-J8-A3YG-01A	THCA	3.251611633	3.325433171	0.003495845
TCGA-EJ-7115-01A	PRAD	2.552314113	1.633464124	0.041702098
TCGA-CH-5746-01A	PRAD	3.483565075	1.123364496	0.183656303
TCGA-EY-A3L3-01A	UCEC	3.790973134	4.158709245	0.334979944
TCGA-ZN-A9VU-01A	MESO	3.499974813	1.627750468	0
TCGA-CJ-4873-01A	KIRC3.458881188	1.494745844	0.066531946	
TCGA-44-2659-01A	LUAD	3.880691401	1.774531949	0.114285942
TCGA-CU-A0YO-01A	BLCA	2.876993696	2.169429806	0.035112325
TCGA-43-3920-01A	LUSC	5.083013925	2.786718419	0.108007341
TCGA-BR-4361-01A	STAD	4.905713256	2.719006058	0.304000523
TCGA-CR-6474-01A	HNSC	1.541348259	2.713419239	0.015178008
TCGA-EK-A2RC-01A	CESC	4.395159058	4.377998278	0.082909909
TCGA-DU-7013-01A	LGG	3.392009639	3.52708051	0.41355622
TCGA-55-8512-01A	LUAD	3.04633427	1.56878613	0.08573176
TCGA-QR-A6GT-01A	PCPG	2.834549975	2.160060749	0
TCGA-AR-A24T-01A	BRCA	2.777391908	1.932039869	0.069512381
TCGA-IB-AAUN-01A	PAAD	3.394305138	3.516972787	0.007527038
TCGA-ZG-A9LU-01A	PRAD	4.364529008	2.766867669	0.135388164
TCGA-B6-A0IA-01A	BRCA	2.202114009	3.025544195	0.028350768
TCGA-F4-6463-01A	COAD	3.471439842	2.832246918	0.106805052
TCGA-B0-5119-01A	KIRC2.164993667	2.012086034	0.005195031	
TCGA-V4-A9EM-01A	UVM	3.636706709	1.627868558	0
TCGA-DU-6397-01A	LGG	3.975571766	1.89275033	0.081755221
TCGA-BR-8676-01A	STAD	4.293067378	3.084378938	0.019772057
TCGA-43-A56V-01A	LUSC	5.065431618	3.870139659	0.382686087
TCGA-LN-A7HW-01A	ESCA	3.10495452	3.21346144	0.133720047
TCGA-EY-A1GS-01A	UCEC	4.513169342	3.600970472	0.487986386
TCGA-BS-A0V7-01A	UCEC	3.385891435	2.488605852	0.462640339
TCGA-63-A5MM-01A	LUSC	4.258741417	3.392705543	0.011426843
TCGA-A6-6652-01A	COAD	3.953203407	4.175866063	0.648212663
TCGA-AG-3725-01A	READ	3.704600576	3.04421487	0.066047757
TCGA-KB-A93G-01A	STAD	2.447378835	2.631010872	0.955248814
TCGA-RW-A68D-01A	PCPG	4.233146684	1.933138683	0
TCGA-GM-A2DO-01A	BRCA	4.288115282	3.449903586	0.100003069
TCGA-85-A4CN-01A	LUSC	4.636909896	3.299224901	0.209375435
TCGA-44-3918-01B	LUAD	3.903768409	1.400223363	0.016143651
TCGA-B6-A1KI-01A	BRCA	2.050213544	2.19738491	0.004060473
TCGA-75-6214-01A	LUAD	3.204719767	3.657708629	0.113025188
TCGA-BG-A0W1-01A	UCEC	4.078836607	2.208323461	0.076622653
TCGA-32-1982-01A	GBM	3.998034962	2.702357119	0.259732623
TCGA-DJ-A1QI-01A	THCA	2.285948365	2.098139264	0.004585101
TCGA-BG-A0M0-01A	UCEC	3.958918132	2.671186039	0.299066116
TCGA-FB-AAPP-01A	PAAD	3.581210189	3.294900141	0.740110707
TCGA-Z7-A8R5-01A	BRCA	3.800765134	2.178414395	0.024790041

TCGA-FE-A22Z-01A	THCA	2.742692859	2.413921028	0.099505943
TCGA-BF-A5EO-01A	SKCM	2.684203028	5.032050082	0.012487344
TCGA-KD-A5QS-01A	SARC	3.619324554	5.3142359	0.015936497
TCGA-DD-AACQ-01A	LIHC	2.933213399	7.082625058	0.367050195
TCGA-P5-A736-01A	LGG	2.42958833	1.251724413	0
TCGA-BH-A0H9-01A	BRCA	2.334602613	2.100454231	0.059022565
TCGA-BP-4346-01A	KIRC3	4.66007729	2.075945846	0.077229401
TCGA-EL-A3ZR-01A	THCA	3.821202102	1.968681826	0
TCGA-DU-7007-01A	LGG	3.471667283	1.220276996	0
TCGA-AX-A3FW-01A	UCEC	5.143078252	3.3156924	0.02849255
TCGA-LP-A7HU-01A	CESC	5.023656833	5.744930125	0.514302953
TCGA-F5-6863-01A	READ	4.05890324	4.114453819	0.843608224
TCGA-3A-A9IJ-01A	PAAD	4.006669912	2.077208854	0
TCGA-3A-A9IN-01A	PAAD	2.94535261	1.292475221	0.027394789
TCGA-IR-A3LA-01A	CESC	3.882373611	4.843402044	0.112070406
TCGA-D8-A73W-01A	BRCA	3.340292071	2.378769431	0.037572403
TCGA-NI-A8LF-01A	LIHC	2.21389408	1.464022562	0
TCGA-VQ-A8DT-01A	STAD	3.252930435	3.027980771	0.078308676
TCGA-BS-A0UT-01A	UCEC	3.837157577	3.232799962	0.267345004
TCGA-DK-AA77-01A	BLCA	4.096705221	2.775651161	0.510060844
TCGA-DM-A1D9-01A	COAD	4.534915924	3.786450454	0.514513772
TCGA-VN-A88O-01A	PRAD	3.705796769	1.68977364	0.073020798
TCGA-FC-A66V-01A	PRAD	3.238335915	1.231507816	0.025966826
TCGA-AR-A0TY-01A	BRCA	3.523869586	2.940776681	0.17674076
TCGA-2H-A9GL-01A	ESCA	4.630103506	3.577275746	2.480112691
TCGA-24-1427-01A	OV	4.451199501	4.054716992	0.127258732
TCGA-A5-A0GG-01A	UCEC	3.709081161	3.849996413	0.628532449
TCGA-DM-A1D7-01A	COAD	4.420434296	4.61590612	1.348241458
TCGA-2Z-A9JK-01A	KIRP	2.98735525	2.79371734	0.030320972
TCGA-63-A5ML-01A	LUSC	3.503185718	4.624311314	0.294511808
TCGA-AP-A054-01A	UCEC	4.966205595	5.443957086	0.343891
TCGA-77-8128-01A	LUSC	4.631745342	3.789431103	0.443015121
TCGA-L5-A8NF-01A	ESCA	4.844081886	3.553549391	0.107108906
TCGA-85-8481-01A	LUSC	3.025048621	3.26260781	0.05294382
TCGA-XK-AAK1-01A	PRAD	3.295805608	1.475531645	0.049350043
TCGA-B5-A3FA-01A	UCEC	3.601184345	4.755073623	0.180366752
TCGA-D8-A1X7-01A	BRCA	2.2578695	1.783636185	0.029555898
TCGA-Q1-A73O-01A	CESC	4.808867832	3.194750695	0.818937224
TCGA-3M-AB46-01A	STAD	4.461491036	4.538327151	0.235447865
TCGA-2Z-A9J1-01A	KIRP	2.561523479	1.846756356	0.006755963
TCGA-HC-7231-01A	PRAD	2.75562681	0.907121167	0.01547896
TCGA-DR-A0ZM-01A	CESC	3.852087898	1.741444679	0.155999113
TCGA-77-A5G1-01A	LUSC	2.81582219	2.161549099	0.005883103
TCGA-CZ-4856-01A	KIRC1	1.680424389	1.808597127	0.003887584

TCGA-DJ-A2PY-01A	THCA	3.02813391	2.297307948	0
TCGA-BF-A1PV-01A	SKCM	4.039386027	3.328861898	0.67194195
TCGA-PK-A5H9-01A	ACC	3.006145076	1.493712801	0.01503568
TCGA-02-0047-01A	GBM	3.098374192	3.038818892	0.125847259
TCGA-VQ-A8P5-01A	STAD	3.777105852	4.099647796	0.300212595
TCGA-HC-8264-01B	PRAD	2.873150757	1.374750421	0.013936664
TCGA-YC-A89H-01A	BLCA	4.481667037	3.369735886	0.591858859
TCGA-S9-A7J2-01A	LGG	4.547262295	2.221016094	0.403910308
TCGA-L1-A7W4-01A	PAAD	3.99297504	3.812611212	0.094975105
TCGA-ET-A3DP-01A	THCA	2.322510153	1.400387145	0
TCGA-CM-5860-01A	COAD	3.971730274	3.733359674	0.083742659
TCGA-22-5472-01A	LUSC	3.428399265	2.438514251	0.060648428
TCGA-CC-5259-01A	LIHC	1.336931958	2.090519332	0
TCGA-06-2559-01A	GBM	4.910442429	3.83032592	0.57427881
TCGA-IS-A3K6-01A	SARC	3.278319758	5.208591983	0
TCGA-13-0727-01A	OV	4.727826667	5.238244843	0.347900431
TCGA-30-1714-01A	OV	4.741376602	2.876399954	0.087857627
TCGA-56-7730-01A	LUSC	3.400033959	3.845062815	0.055245073
TCGA-B8-5163-01A	KIRC	1.813652998	1.935965947	0.003527678
TCGA-IH-A3EA-01A	SKCM	3.571744583	4.571310624	0.839312254
TCGA-85-8052-01A	LUSC	3.87345087	3.777489511	0.041023809
TCGA-EA-A5ZE-01A	CESC	4.547319855	4.602589779	0.082478939
TCGA-14-1034-01A	GBM	2.440528325	3.691047307	0.042061818
TCGA-AG-A01L-01A	READ	3.989330511	3.668588799	0.801658121
TCGA-OR-A5LS-01A	ACC	2.401672858	3.911758039	0.035798691
TCGA-JW-A852-01A	CESC	3.845462477	5.193090024	0.583900561
TCGA-RW-A67V-01A	PCPG	3.49269523	3.393423118	0
TCGA-DE-A4MC-01A	THCA	2.680706395	2.570398208	0.034096744
TCGA-2G-AAF8-01A	TGCT	4.948904677	4.518026563	0.54385787
TCGA-VQ-A8P3-01A	STAD	3.455781255	3.47328519	0.009353545
TCGA-AX-A3GB-01A	UCEC	3.846919065	1.430081417	0.039155114
TCGA-78-7166-01A	LUAD	3.316977809	2.826384443	1.130011784
TCGA-AK-3450-01A	KIRC	2.095348921	0.899612451	0
TCGA-IG-A3YA-01A	ESCA	3.703911896	3.037363221	0.069017702
TCGA-R5-A7ZR-01A	STAD	3.750175249	3.516020502	0.282815451
TCGA-49-6743-01A	LUAD	2.155525572	4.679558758	0.420594031
TCGA-GM-A3XG-01A	BRCA	3.771569023	1.78948572	0.040861218
TCGA-34-8455-01A	LUSC	3.692463143	2.824804562	0.129799145
TCGA-DS-A7WI-01A	CESC	4.239042278	4.000189491	0.876025768
TCGA-T3-A92N-01A	HNSC	4.432054315	3.425656928	0.085709607
TCGA-CC-A5UD-01A	LIHC	2.923241321	4.627761516	1.437886017
TCGA-CR-7401-01A	HNSC	1.970852645	1.959533777	0.010622725
TCGA-KK-A59V-01A	PRAD	4.906204218	3.659236841	0.234185977
TCGA-S9-A7IX-01A	LGG	2.893456216	2.876798079	0.023782567

TCGA-CG-4301-01A	STAD	3.832868269	2.369158946	0.029405846
TCGA-VQ-AA6D-01A	STAD	4.595174793	3.813907381	0.543015829
TCGA-B5-A0JN-01A	UCEC	4.756038268	4.162700259	1.100114417
TCGA-D7-A6EX-01A	STAD	4.821576724	2.246260998	1.920692159
TCGA-XF-A9T0-01A	BLCA	5.027458176	3.22808027	1.713832464
TCGA-AP-A1E3-01A	UCEC	3.7392208	3.388057882	0.463621567
TCGA-MP-A4TF-01A	LUAD	4.136927195	3.109256886	0.091443483
TCGA-HT-8018-01A	LGG	2.741606366	1.985055386	0.013960314
TCGA-UY-A78K-01A	BLCA	4.194866445	6.269172704	0.388510698
TCGA-D6-6517-01A	HNSC	3.526052457	3.183597111	0.088089606
TCGA-25-2042-01A	OV	2.509786372	3.196235112	0.136093631
TCGA-22-5482-01A	LUSC	3.914095258	3.175411643	0.549091617
TCGA-BH-A1FM-01A	BRCA	4.099494902	1.901136412	0.018486521
TCGA-97-8547-01A	LUAD	3.484625518	3.056655423	0.030464836
TCGA-TT-A6YJ-01A	PCPG	4.025898147	3.010718294	0
TCGA-XE-AANJ-01A	TGCT	5.330109792	4.788307568	0.506089724
TCGA-EJ-7317-01A	PRAD	2.142321978	1.633682529	0
TCGA-E1-A7Z2-01A	LGG	3.140661346	2.77522489	0.236596973
TCGA-BH-A18M-01A	BRCA	3.959963722	2.021415432	0.053640463
TCGA-B0-4842-01A	KIRC	1.770957512	2.521818082	0.062361803
TCGA-AR-A24H-01A	BRCA	3.772645401	4.377121052	0.316548707
TCGA-CG-5719-01A	STAD	2.188188583	3.38524337	0.310919731
TCGA-A2-A0T1-01A	BRCA	2.827366774	3.908290685	0.408326599
TCGA-E6-A1M0-01A	UCEC	5.618782472	3.641956927	1.836589
TCGA-A3-3324-01A	KIRC	3.564380247	1.121232515	0.014369831
TCGA-24-1552-01A	OV	3.609711298	3.452936054	0.005026341
TCGA-55-6970-01A	LUAD	2.51489878	3.162395823	0.231203694
TCGA-FX-A76Y-01A	SARC	3.442943611	3.283733801	0
TCGA-J4-A6G1-01A	PRAD	3.953230589	2.06722474	0.465627206
TCGA-3A-A9IH-01A	PAAD	2.642014923	2.844291642	0.020850858
TCGA-EB-A299-01A	SKCM	4.022154584	2.905649209	0.117898918
TCGA-61-1918-01A	OV	4.559331517	2.807408023	0.124986658
TCGA-AR-A24K-01A	BRCA	4.666329396	2.431216085	0.167063511
TCGA-85-7843-01A	LUSC	5.559526762	3.195637575	0.342512716
TCGA-RQ-A68N-01A	DLBC	5.642694778	5.964955041	0.68449175
TCGA-DK-A3WY-01A	BLCA	4.549153831	4.652237584	1.489084841
TCGA-IB-7887-01A	PAAD	2.509685805	1.911777518	0.014368701
TCGA-33-4582-01A	LUSC	3.373891301	2.813297506	0.10060773
TCGA-50-6593-01A	LUAD	3.433486549	2.817251314	0.139207742
TCGA-KH-A6WC-01A	ESCA	2.803459029	1.438182736	0.003581502
TCGA-13-1488-01A	OV	4.046089542	3.523989945	0.650749353
TCGA-CQ-A4CD-01A	HNSC	4.108709222	3.294705179	0.722793574
TCGA-IK-8125-01A	LGG	4.541868726	2.475448863	0.180525661
TCGA-CZ-5465-01A	KIRC	3.647019729	1.063026321	0.006590811

TCGA-LD-A74U-01A	BRCA	3.859381729	2.644134329	0.046071102
TCGA-SJ-A6ZI-01A	UCEC	3.45434409	2.878212952	0.331138727
TCGA-EA-A5FO-01A	CESC	4.620503628	5.144847095	0.402737977
TCGA-55-6971-01A	LUAD	3.286773145	2.811711582	0.213977255
TCGA-SN-A84X-01A	TGCT	4.742037368	4.488785847	0.402874935
TCGA-EL-A3H5-01A	THCA	2.197884457	1.739247495	0.047087408
TCGA-A7-A0CD-01A	BRCA	2.97252714	3.268230228	0.059158247
TCGA-D5-6929-01A	COAD	4.440018697	3.367409848	1.338189557
TCGA-HZ-A77O-01A	PAAD	2.8113693	2.761224085	0.063187675
TCGA-AA-3509-01A	COAD	4.067305381	3.257002145	0.301639331
TCGA-91-6835-01A	LUAD	3.132770001	3.270138742	0.171804756
TCGA-97-8171-01A	LUAD	5.202501415	3.018101289	0.310544873
TCGA-A8-A075-01A	BRCA	3.95802253	3.148714899	0.099362322
TCGA-L5-A4OE-01A	ESCA	3.746011136	2.023868446	0.033570196
TCGA-CJ-4897-01A	KIRC3	3.087493882	1.879180883	0.017074777
TCGA-DK-AA6P-01A	BLCA	3.9506701	3.291344097	0.432094639
TCGA-EW-A1PD-01A	BRCA	3.300953487	4.010936112	0.054495879
TCGA-B5-A11E-01A	UCEC	3.890606587	3.787388516	0.675730496
TCGA-BR-7957-01A	STAD	2.801199175	2.419420988	0.215780954
TCGA-BH-A8FZ-01A	BRCA	5.011804462	2.428430554	0.095444023
TCGA-78-7155-01A	LUAD	4.608190209	4.777074935	0.750804021
TCGA-EJ-8469-01A	PRAD	4.213132906	2.293781201	0.025648616
TCGA-79-5596-01A	LUSC	4.004598089	3.740069007	0.009137585
TCGA-BH-A0EB-01A	BRCA	2.387007139	1.883214794	0.050970352
TCGA-A6-3808-01A	COAD	3.131146169	2.78434282	0.067174332
TCGA-24-1104-01A	OV	3.745921114	3.425336094	0.025869235
TCGA-SC-A6LP-01A	MESO	3.064664768	3.97365409	0.112602171
TCGA-78-7163-01A	LUAD	2.738488289	2.371248241	0.264266385
TCGA-DQ-7592-01A	HNSC	2.951402915	2.660529259	0.049859755
TCGA-P4-A5E7-01A	KIRP	2.688211515	1.212972279	0
TCGA-CJ-4904-01A	KIRC2	2.027231489	1.485926778	0
TCGA-DB-A4XD-01A	LGG	4.266017326	1.573117579	0
TCGA-MQ-A4LJ-01A	MESO	3.434248294	2.712710171	0.005525768
TCGA-3X-AAVE-01A	CHOL	4.058356738	3.231568571	0.065633342
TCGA-DM-A28K-01A	COAD	4.235519291	3.378582442	0.593344074
TCGA-ND-A4W6-01A	UCS	4.092002008	4.225491532	0.182784692
TCGA-X9-A971-01A	SARC	2.528356619	6.526196727	0
TCGA-85-8353-01A	LUSC	3.156015374	3.333572864	0.088318089
TCGA-S9-A6U5-01A	LGG	4.013173528	1.349882013	0.075789782
TCGA-EB-A6QZ-01A	SKCM	4.218723747	4.49894985	0.259849248
TCGA-29-1778-01A	OV	4.440384507	3.907962851	0.05676789
TCGA-DU-6394-01A	LGG	4.178867869	1.674795099	0.040464641
TCGA-55-8302-01A	LUAD	3.62301497	3.936233174	0.076172728
TCGA-J8-A42S-01A	THCA	3.456243181	1.731716806	0

TCGA-HU-A4GD-01A	STAD	4.044573729	3.507358774	1.127153519
TCGA-EJ-A46G-01A	PRAD	3.9938143	2.686298211	0.401008804
TCGA-A3-3363-01A	KIRC3	4.02743287	1.169976503	0.004649307
TCGA-CM-6675-01A	COAD	3.979155955	4.927226408	0.067661957
TCGA-3A-A9I5-01A	PAAD	3.675372668	2.715577892	0.103039421
TCGA-25-2391-01A	OV	4.330336254	4.324020816	0.122205395
TCGA-EJ-A65E-01A	PRAD	3.651168281	2.162537621	0.044324659
TCGA-L5-A8NI-01A	ESCA	4.429721295	3.750819513	0.704644885
TCGA-AX-A1CF-01A	UCEC	3.16338538	6.239365821	0.30904115
TCGA-22-1012-01A	LUSC	4.773975848	3.97150941	0.80757735
TCGA-A7-A3RF-01A	BRCA	3.059708762	2.317590254	0.031739479
TCGA-CZ-4863-01A	KIRC2	8.88792146	1.656563474	0
TCGA-BQ-5887-01A	KIRP1	1.124932469	1.334752369	0.251258739
TCGA-BP-5201-01A	KIRC2	6.64695941	2.013786602	0.088806155
TCGA-A4-A6HP-01A	KIRP3	2.34021079	2.102540406	0
TCGA-A2-A0EQ-01A	BRCA	4.059516109	3.911402094	0.106012195
TCGA-CN-6010-01A	HNSC	3.537672111	3.207830923	0.274598898
TCGA-23-1022-01A	OV	3.83354083	4.580693413	0.887576495
TCGA-GM-A2DB-01A	BRCA	4.20972012	3.516925939	0.22999261
TCGA-EB-A4IQ-01A	SKCM	3.42892464	4.983869276	0.209081027
TCGA-OR-A5L3-01A	ACC2	0.009294931	1.831429146	0
TCGA-K1-A6RT-01A	SARC	2.765472891	2.486382164	0.015391082
TCGA-IB-A6UG-01A	PAAD	3.873144899	2.154467674	0.049274352
TCGA-VN-A88Q-01A	PRAD	3.635406111	1.272799636	0.354847226
TCGA-DQ-7591-01A	HNSC	4.232978906	5.147554251	0.337015162
TCGA-EL-A4K2-01A	THCA	2.618086945	1.087925017	0
TCGA-DD-A3A3-01A	LIHC	2.417627374	2.16192612	0.082339374
TCGA-ZP-A9D2-01A	LIHC	3.137480402	2.98929478	0.187914155
TCGA-BR-4279-01A	STAD	1.676143325	1.228376251	0.050471594
TCGA-E1-A7YD-01A	LGG	4.424150543	4.602145289	0.520204433
TCGA-B0-4819-01A	KIRC3	4.08150228	1.48829303	0.005849056
TCGA-HW-8322-01A	LGG	5.322440956	3.239150332	0.397921338
TCGA-B0-5695-01A	KIRC2	5.20665799	1.1942775	0.008625068
TCGA-L6-A4EQ-01A	THCA	3.602137208	1.571434094	0.030771945
TCGA-QS-A5YQ-01A	UCEC	4.061056135	2.726693596	0.250698427
TCGA-KK-A6E0-01A	PRAD	3.179197334	2.314364556	0.025156696
TCGA-SL-A6JA-01A	UCEC	3.17123503	3.785749654	0.422170177
TCGA-CS-6290-01A	LGG	3.831425767	1.189058429	0.010727392
TCGA-P3-A5Q6-01A	HNSC	2.794045314	3.676156116	0
TCGA-SH-A9CU-01A	MESO	3.769302823	3.339088438	0.057246689
TCGA-AA-3861-01A	COAD	2.93717128	3.152404406	0.036073963
TCGA-2F-A9KP-01A	BLCA	4.486466346	4.272140732	0.953392427
TCGA-3B-A9HY-01A	SARC	2.841111075	5.557353482	0
TCGA-2G-AAG0-01A	TGCT	5.786929483	5.054863782	2.098047372

TCGA-EW-A1P5-01A	BRCA	3.108333881	2.831832373	0.209754259
TCGA-BG-A0MU-01A	UCEC	2.481062054	2.100000818	0.176050927
TCGA-DG-A2KL-01A	CESC	3.605506836	4.893354624	0.436793303
TCGA-A3-3380-01A	KIRC	4.456092642	1.602259771	0.032906205
TCGA-43-8118-01A	LUSC	4.359549756	3.717647897	0.262218502
TCGA-KK-A7AW-01A	PRAD	2.989126319	1.573813284	0.054201796
TCGA-A3-A6NJ-01A	KIRC	2.965619186	1.400153017	0.005791122
TCGA-NJ-A7XG-01A	LUAD	3.997775902	2.082734684	0.089344477
TCGA-OR-A5JV-01A	ACC	2.222300241	2.566963186	0.025171353
TCGA-G4-6303-01A	COAD	3.999281734	3.792178966	0.297627984
TCGA-DU-7290-01A	LGG	2.691746194	3.772180024	0.004991866
TCGA-EB-A42Y-01A	SKCM	4.228180501	4.356721382	3.552352902
TCGA-3U-A98D-01A	MESO	2.904900532	2.841731004	0.085525754
TCGA-KV-A74V-01A	KIRP	2.673161045	0.804995924	0.011527747
TCGA-CV-7183-01A	HNSC	1.867833363	1.584370128	0.021933108
TCGA-Q1-A73Q-01A	CESC	4.064688399	4.677556279	0.624259513
TCGA-TQ-A7RF-01A	LGG	4.538447183	0.944161227	0
TCGA-LL-A442-01A	BRCA	3.04285839	4.008766361	0.065635131
TCGA-FG-8188-01A	LGG	4.024276375	2.045414845	0
TCGA-G4-6311-01A	COAD	3.411880279	4.435674065	0.273932253
TCGA-AG-4015-01A	READ	3.932282314	5.229573725	0.61562253
TCGA-XF-A8HF-01A	BLCA	4.597193883	3.358650739	0
TCGA-ZJ-A8QQ-01A	CESC	4.928441573	4.276202994	0.529476908
TCGA-34-A5IX-01A	LUSC	4.094151112	3.626572887	0
TCGA-EM-A22K-01A	THCA	2.470074888	1.610373777	0
TCGA-13-1403-01A	OV	4.097261675	3.653933232	0.072743213
TCGA-B5-A1MV-01A	UCEC	4.032438627	3.406021687	1.078326414
TCGA-CZ-4864-01A	KIRC	3.443461552	1.600341466	0.004070503
TCGA-A5-A1OK-01A	UCEC	3.444460029	2.107704359	0.322658473
TCGA-ET-A25K-01A	THCA	2.311889587	2.764920223	0
TCGA-55-6981-01A	LUAD	3.170753146	3.059150115	0.119388931
TCGA-E2-A14R-01A	BRCA	4.051922213	5.003510257	0.08355814
TCGA-E9-A228-01A	BRCA	3.403523258	3.839973641	0.294780122
TCGA-AO-A0JD-01A	BRCA	3.244898205	3.298550441	0.100138965
TCGA-2A-AAYO-01A	PRAD	3.506178671	1.544462102	0.177007509
TCGA-QT-A5XJ-01A	PCPG	3.431311761	3.474875761	0.355516696
TCGA-77-8130-01A	LUSC	2.298262964	2.167179255	0.162946689
TCGA-N5-A4RF-01A	UCS	3.486840071	4.62971314	0.076183793
TCGA-CR-6480-01A	HNSC	2.718785804	3.911147909	0.040423807
TCGA-78-7143-01A	LUAD	3.714262918	4.919024997	0.213776643
TCGA-05-4425-01A	LUAD	3.015500247	3.002614345	0.065316566
TCGA-J7-8537-01A	KIRP	1.984872477	2.154409617	0.091379999
TCGA-AQ-A0Y5-01A	BRCA	2.53331412	1.982456005	0.004704683
TCGA-BS-A0TE-01A	UCEC	3.513509604	4.40620971	0.99313993

TCGA-DD-AAC9-01A	LIHC	1.534295052	0.990549013	3.892574983
TCGA-DU-5852-01A	LGG	3.7569441	3.364922851	0.329326508
TCGA-GL-7773-01A	KIRP	2.571595448	1.653985133	0.274585699
TCGA-BS-A0V8-01A	UCEC	4.536353318	3.318496677	0.232873621
TCGA-44-7661-01A	LUAD	3.641726185	3.065809532	0.02648047
TCGA-HT-7884-01B	LGG	4.732617799	1.618081961	0
TCGA-AX-A1CA-01A	UCEC	4.433625532	3.978141722	2.337822043
TCGA-CV-7435-01A	HNSC	1.593552655	1.662036767	0.237352559
TCGA-BH-A0HX-01A	BRCA	2.546124519	4.030734799	0.072325081
TCGA-C5-A7CK-01A	CESC	4.37504989	3.973167823	0.201954601
TCGA-E2-A15I-01A	BRCA	3.829569778	1.013851794	0.059660783
TCGA-A5-A0GE-01A	UCEC	4.542668096	2.434574933	0.453697413
TCGA-A5-A2K4-01A	UCEC	3.483487116	3.326547973	0.132564834
TCGA-46-3765-01A	LUSC	4.744230234	3.05789079	0.602417869
TCGA-B1-A47N-01A	KIRP	3.959387744	0.989413434	0
TCGA-DX-A1KZ-01A	SARC	2.365213134	4.216405772	0.104052811
TCGA-HC-7078-01A	PRAD	3.950316767	1.387637678	0.116155408
TCGA-F4-6569-01A	COAD	2.24065087	2.856778999	0.230088184
TCGA-RD-A7BW-01A	STAD	2.97786377	1.77002172	0.118910656
TCGA-TS-A8AS-01A	MESO	3.97288355	1.462778155	0.006686963
TCGA-AR-A1AX-01A	BRCA	3.505405141	3.21694701	0.086078473
TCGA-RZ-AB0B-01A	UVM	3.911040795	2.294954297	0.054532971
TCGA-FG-7643-01A	LGG	2.381694341	2.649547309	0
TCGA-W4-A7U2-01A	TGCT	4.314446551	5.145601146	0.813129681
TCGA-HT-7620-01A	LGG	3.920115455	2.33712057	0.013839464
TCGA-VQ-AA64-01A	STAD	3.136069419	3.728875765	0.77336723
TCGA-GS-A9TV-01A	DLBC	4.169852501	4.481985523	0.346421165
TCGA-EL-A3CS-01A	THCA	3.936116256	1.275201509	0.076924627
TCGA-27-2524-01A	GBM	4.590658142	3.690632903	0.3046887
TCGA-AZ-6601-01A	COAD	3.9283584	4.120294389	0.635791116
TCGA-56-5898-01A	LUSC	3.301544316	2.873501245	0.040065371
TCGA-PG-A915-01A	UCEC	4.858142533	3.643924042	0.450834999
TCGA-ED-A7XO-01A	LIHC	1.933478644	4.636765498	0.155628473
TCGA-WB-A81P-01A	PCPG	3.405878127	2.300945933	0
TCGA-E2-A15P-01A	BRCA	2.826345563	2.205340996	0.012024597
TCGA-XE-A8H5-01A	TGCT	5.131303805	4.989384406	0.734131688
TCGA-F9-A4JJ-01A	KIRP	4.043829539	2.923257176	0.096332347
TCGA-AC-A5XU-01A	BRCA	3.359891317	3.137054676	0
TCGA-EL-A3GW-01A	THCA	2.547348229	3.477301027	0
TCGA-AH-6549-01A	READ	3.991085446	3.732064895	0.806998258
TCGA-KL-8331-01A	KICH	2.720728664	2.776410229	0.032137228
TCGA-D1-A16O-01A	UCEC	3.767441209	1.650359294	0.07638324
TCGA-D5-6928-01A	COAD	3.687668853	3.668214434	0.525662268
TCGA-QH-A65Z-01A	LGG	4.434429812	1.696167804	0.081424402

TCGA-MH-A55Z-01A	KIRP	3.285240275	1.576396135	0
TCGA-B0-4813-01A	KIRC	4.219753424	2.297616282	2.64256267
TCGA-AY-4070-01A	COAD	4.97204199	3.526185648	0.835460106
TCGA-GS-A9TX-01A	DLBC	4.213460963	3.889203346	0.47437292
TCGA-5N-A9KI-01A	BLCA	3.366003802	4.32868208	0.048869982
TCGA-HW-A5KM-01A	LGG	3.445344149	1.116617353	0
TCGA-5P-A9K6-01A	KIRP	2.56443619	2.108016357	0
TCGA-E1-A7YW-01A	LGG	4.295904416	1.676319038	0.012263184
TCGA-63-5128-01A	LUSC	3.418845129	2.577295096	0.244987337
TCGA-AG-3586-01A	READ	4.499301098	3.32164577	0.570083672
TCGA-CJ-4643-01A	KIRC	2.8849312	1.212696378	0.005019701
TCGA-RE-A7BO-01A	ESCA	4.896822467	3.689828938	1.444868627
TCGA-BB-4224-01A	HNSC	5.008466182	6.545689465	0.072047757
TCGA-C5-A1M6-01A	CESC	3.524408266	5.522341974	0.653641741
TCGA-CR-7371-01A	HNSC	2.864546304	3.385983879	0.06375372
TCGA-AJ-A2QN-01A	UCEC	3.472521179	3.788988565	0.053228935
TCGA-68-7756-01A	LUSC	3.337188109	2.937173882	0.623492495
TCGA-56-8626-01A	LUSC	4.011148896	2.578631742	0
TCGA-VS-A9UO-01A	CESC	4.278361035	5.404498951	0.721482281
TCGA-A8-A084-01A	BRCA	3.487133474	3.286076336	0.011493491
TCGA-AC-A3YI-01A	BRCA	4.213063038	1.921233758	0.020684927
TCGA-EF-5830-01A	READ	4.476789556	4.011244523	0.291606654
TCGA-ET-A3DU-01A	THCA	2.258639284	2.548799727	0.012658787
TCGA-CV-5978-01A	HNSC	3.718793029	2.945891752	0.033829808
TCGA-DX-A2J0-01A	SARC	3.089250091	4.338650666	4.850552828
TCGA-VD-A8KJ-01A	UVM	4.456335824	2.317059974	0.11851316
TCGA-49-AARN-01A	LUAD	4.154339914	3.41786919	0.131033629
TCGA-CJ-4912-01A	KIRC	3.254301137	1.519487487	0.012981217
TCGA-BH-A0GY-01A	BRCA	3.778860482	2.69416245	0.006520413
TCGA-S9-A7R8-01A	LGG	4.803771931	2.709601186	0.007316452
TCGA-AA-A00R-01A	COAD	4.528262162	4.503859511	0.614437166
TCGA-4G-AAZT-01A	CHOL	3.579492683	1.963143993	0.039249849
TCGA-AG-3727-01A	READ	3.136830695	5.098455635	2.302518512
TCGA-G3-A7M6-01A	LIHC	3.92063567	3.386433908	1.001282031
TCGA-C8-A275-01A	BRCA	3.26646785	3.852773665	0.020996627
TCGA-DM-A1HB-01A	COAD	3.924995133	3.719936346	0.174081785
TCGA-KL-8334-01A	KICH	3.041315583	2.318675747	0
TCGA-CV-7415-01A	HNSC	2.122244131	2.879447398	0
TCGA-AP-A0L8-01A	UCEC	4.82945943	5.674166316	0.0723283
TCGA-CZ-5985-01A	KIRC	2.843267851	1.626547942	0.004593298
TCGA-ZF-A9RN-01A	BLCA	4.238225332	5.174391723	0.669639102
TCGA-VQ-A91K-01A	STAD	2.574315889	2.646860475	0.022711962
TCGA-OR-A5KU-01A	ACC	2.405743609	2.892538142	0.029557475
TCGA-SI-AA8C-01A	SARC	4.655163144	3.086711826	0.043387848

TCGA-AG-3583-01A	READ	4.568094058	3.392809217	0.712338095
TCGA-BA-7269-01A	HNSC	2.389829415	3.645136416	0.02709826
TCGA-VQ-A91E-01A	STAD	3.717907035	3.833276629	0.918939568
TCGA-F7-A623-01A	HNSC	3.929859208	3.64057801	0.194437106
TCGA-ZB-A96O-01A	THYM	5.091628668	4.764767258	2.608936208
TCGA-ZG-A9NI-01A	PRAD	2.899172213	2.323155267	0.009879078
TCGA-MQ-A6BR-01A	MESO	4.220707041	2.586749129	0.065504319
TCGA-67-3772-01A	LUAD	2.076820037	1.392595205	0.012060137
TCGA-C5-A1MJ-01A	CESC	4.893867107	4.948978986	1.684859546
TCGA-4X-A9FA-01A	THYM	4.533764413	1.650171204	1.804526073
TCGA-SG-A6Z4-01A	SARC	2.664563441	4.779627659	0.008902799
TCGA-AC-A2FM-01A	BRCA	3.035901616	3.704834454	0.020485944
TCGA-B0-4822-01A	KIRC3	4.45750825	2.15799726	0.007019368
TCGA-AJ-A3NH-01A	UCEC	4.322500675	4.368026867	0.235747298
TCGA-EJ-7328-01A	PRAD	3.983392339	1.375998512	0.167388895
TCGA-QR-A70Q-01A	PCPG	2.693669612	2.284752842	0
TCGA-AG-4021-01A	READ	3.687350535	3.461002713	0.407868642
TCGA-XG-A823-01A	PCPG	2.288072018	2.928172277	0
TCGA-FD-A6TH-01A	BLCA	4.453296114	5.604579674	1.949834063
TCGA-BT-A0YX-01A	BLCA	3.609633302	2.804627246	0.436755691
TCGA-G3-AAV3-01A	LIHC	1.937030219	2.67434357	0.079832364
TCGA-NJ-A55A-01A	LUAD	3.545508453	2.047448208	0.04073691
TCGA-MU-A51Y-01A	CESC	3.15224876	3.808158007	0.107821346
TCGA-BR-A4J6-01A	STAD	2.153930175	2.051399681	0.075125789
TCGA-D8-A1XU-01A	BRCA	2.043838798	1.837934697	0.00688215
TCGA-YL-A9WX-01A	PRAD	3.493601557	1.128029369	0.068353851
TCGA-US-A774-01A	PAAD	2.746678354	2.096055844	0.068090457
TCGA-CV-A45Z-01A	HNSC	4.531497283	3.930367064	0.252763042
TCGA-E9-A1R0-01A	BRCA	2.59457187	2.247489024	0.012860877
TCGA-EM-A4FO-01A	THCA	3.20096453	2.305802355	0.116486135
TCGA-4Z-AA82-01A	BLCA	4.280430598	4.106586787	0.147284033
TCGA-2G-AAGW-01A	TGCT	5.851640269	5.137982392	2.441535565
TCGA-BT-A3PJ-01A	BLCA	4.26202216	3.58256496	1.243099242
TCGA-D8-A27I-01A	BRCA	3.088024932	2.660777915	0.025199141
TCGA-DD-AAVU-01A	LIHC	2.697388858	3.055887864	2.037989725
TCGA-DK-A2I2-01A	BLCA	4.100225593	2.795277046	0.430901453
TCGA-EJ-5505-01A	PRAD	2.766515774	1.127311027	0.015277427
TCGA-EY-A549-01A	UCEC	4.25998026	1.867702387	0.273432305
TCGA-S7-A7X2-01A	PCPG	3.46944695	2.619079421	0
TCGA-HC-A632-01A	PRAD	4.022766731	1.599419602	0.047749312
TCGA-E1-A7YK-01A	LGG	3.981509549	2.402327743	0
TCGA-FG-7637-01A	LGG	4.547714226	3.313472771	0
TCGA-66-2754-01A	LUSC	5.389328877	4.368987647	2.882327338
TCGA-EC-A1QX-01A	UCEC	3.7055369	3.410579009	0.177680947

TCGA-ET-A2MZ-01A	THCA	2.288493532	2.340963771	0
TCGA-A8-A085-01A	BRCA	3.117248735	4.103625419	0.135466432
TCGA-60-2726-01A	LUSC	5.165595083	4.829348177	2.657311685
TCGA-55-7907-01A	LUAD	2.92282293	3.149260308	0.032792606
TCGA-D8-A1XO-01A	BRCA	2.867500512	1.731803829	0.016565428
TCGA-AA-3517-01A	COAD	5.159284861	4.547545549	1.49948162
TCGA-CG-4460-01A	STAD	3.977534223	2.703910267	0.677647296
TCGA-TM-A84H-01A	LGG	4.446656446	1.950463709	0.010633385
TCGA-BQ-7062-01A	KIRP	2.047170319	1.501847401	0
TCGA-BQ-5879-01A	KIRP	1.819041139	2.365706486	0.031718028
TCGA-A7-A6VY-01A	BRCA	4.424091445	4.473965926	0.025257084
TCGA-AO-A124-01A	BRCA	3.346397322	4.610709077	0.153465941
TCGA-VQ-A94U-01A	STAD	4.221287799	2.907375106	1.743070394
TCGA-BP-5199-01A	KIRC	3.789076648	2.092424035	2.052569502
TCGA-05-5425-01A	LUAD	3.356278071	4.423451776	0.039426968
TCGA-A4-8517-01A	KIRP	2.127750797	2.455410523	0
TCGA-66-2767-01A	LUSC	3.95954031	3.500444116	0.125881228
TCGA-85-A4QQ-01A	LUSC	4.018845815	4.160101963	0.755512164
TCGA-HT-8113-01A	LGG	2.998997231	2.419620913	0.073834464
TCGA-A5-A0VO-01A	UCEC	4.436224352	2.790795957	0.506165408
TCGA-93-A4JN-01A	LUAD	3.687055099	5.689026858	0.25543142
TCGA-QR-A7IN-01A	PCPG	3.836912654	1.547516483	0
TCGA-FB-AAQ3-01A	PAAD	3.600411133	1.91096052	0
TCGA-BJ-A2N7-01A	THCA	2.95679003	1.583459152	0
TCGA-61-1900-01A	OV	4.700867822	4.905583207	0.489220408
TCGA-S5-AA26-01A	BLCA	5.417064784	3.943635927	1.014221831
TCGA-BP-5194-01A	KIRC	3.341636982	1.11765005	0.003761471
TCGA-CH-5764-01A	PRAD	3.836621069	1.374083884	0.091900201
TCGA-DK-AA6X-01A	BLCA	4.370148808	3.598191828	0.319927395
TCGA-NC-A5HD-01A	LUSC	5.452742058	4.102565668	0.823641938
TCGA-AA-A03F-01A	COAD	3.433040587	3.286796259	0.558975093
TCGA-60-2716-01A	LUSC	4.454545264	2.087912729	0.490758724
TCGA-E2-A1LL-01A	BRCA	3.49548253	3.993294594	0
TCGA-2H-A9GH-01A	ESCA	3.738051025	3.393667072	0.320923664
TCGA-D8-A27W-01A	BRCA	2.243689714	3.892354061	0.177453176
TCGA-3H-AB3S-01A	MESO	3.495724352	3.03768885	0.088043929
TCGA-BH-A0HO-01A	BRCA	2.47103475	2.170168701	0.007683081
TCGA-2J-AABP-01A	PAAD	3.901869111	5.355529856	0
TCGA-AR-A0TX-01A	BRCA	2.419612414	3.963255251	0.058358383
TCGA-AX-A05Y-01A	UCEC	3.449575122	4.370867348	0.521995452
TCGA-O1-A52J-01A	LUAD	2.362218363	2.794465125	0.101468009
TCGA-A4-A772-01A	KIRP	2.698903259	1.795859831	0
TCGA-B6-A0WV-01A	BRCA	3.483822206	4.115459444	0.007221155
TCGA-5V-A9RR-01A	THYM	4.761925325	3.745839547	2.82587287

TCGA-J9-A52D-01A	PRAD	3.639827017	2.450890089	0.012958098
TCGA-C5-A3HD-01B	CESC	4.772174358	4.105642813	0.140173146
TCGA-D6-6825-01A	HNSC	2.997809754	2.463736191	0.015280429
TCGA-05-4398-01A	LUAD	4.072990727	3.575543906	0.451271315
TCGA-EO-A22U-01A	UCEC	4.966434584	4.436824395	0.50282147
TCGA-ZG-A9N3-01A	PRAD	4.886047426	3.969242623	0.327412297
TCGA-C5-A2LY-01A	CESC	4.308215058	4.663985634	0.092859524
TCGA-24-2293-01A	OV	3.420940162	3.86560314	0.040733154
TCGA-N8-A4PN-01A	UCS	4.992510041	5.42440687	0.340240435
TCGA-IM-A3U3-01A	THCA	3.196531649	3.358667487	0.004031383
TCGA-20-0987-01A	OV	2.622897449	5.336496858	0
TCGA-30-1866-01A	OV	5.060341586	3.978250291	0.042268888
TCGA-KS-A41J-01A	THCA	2.713562758	2.248816843	0
TCGA-AG-3896-01A	READ	3.300639234	4.400691953	0.528715525
TCGA-XF-A9SJ-01A	BLCA	3.45492087	4.647174558	0.487545863
TCGA-LL-A8F5-01A	BRCA	4.181981792	5.485351803	0.09998702
TCGA-CC-5260-01A	LIHC	2.622641258	3.688422891	0.054927898
TCGA-FA-8693-01A	DLBC	4.39054221	4.349578014	0.545841113
TCGA-VQ-A91X-01A	STAD	3.802130474	3.392127501	0.944156859
TCGA-AO-A12D-01A	BRCA	2.678315974	2.292681728	0.012525584
TCGA-HU-A4H8-01A	STAD	3.699422385	3.221429231	0.044263594
TCGA-LK-A4NW-01A	MESO	3.565367762	3.309205307	0.236289992
TCGA-BQ-7059-01A	KIRP	1.980700423	0.755024278	0
TCGA-N5-A4RJ-01A	UCS	3.913889504	4.599413169	0.448838557
TCGA-EL-A3T2-01A	THCA	3.048438029	1.183502733	0
TCGA-BR-A4J8-01A	STAD	2.728829968	2.575504132	0.617172312
TCGA-24-1604-01A	OV	4.338953818	3.205298683	0.19877642
TCGA-G4-6307-01A	COAD	4.366599658	4.550931233	0.318945848
TCGA-ZS-A9CE-01A	LIHC	2.121283755	1.740811374	0.261879168
TCGA-2G-AALR-01A	TGCT	4.720906801	4.318450461	0.041399989
TCGA-32-2634-01A	GBM	4.384996829	6.213158726	0.469945244
TCGA-HU-A4H0-01A	STAD	3.62268598	4.725906885	0.054115174
TCGA-AP-A1E1-01A	UCEC	3.817261543	2.796669591	0.06288226
TCGA-V4-A9EL-01A	UVM	4.542424258	2.338246378	0.028413356
TCGA-RC-A7SK-01A	LIHC	2.326393217	2.495200777	0.164209717
TCGA-HC-7750-01A	PRAD	2.332158091	1.391213443	0.077247982
TCGA-29-1691-01A	OV	4.907780323	5.238294015	0.562948443
TCGA-G4-6293-01A	COAD	3.445273461	2.399940118	0.246357018
TCGA-HC-A6AN-01A	PRAD	2.806946771	2.267063042	0.089793173
TCGA-NC-A5HI-01A	LUSC	5.158784749	3.43355311	0.169459193
TCGA-C4-A0F6-01A	BLCA	3.728518776	3.597110669	0.010463303
TCGA-13-1485-01A	OV	3.86625749	2.952967103	0.126631843
TCGA-XF-A9SY-01A	BLCA	4.390679501	3.870419827	1.2670851
TCGA-DX-AB2O-01A	SARC	3.218196358	5.359015836	0.026256228

TCGA-EB-A5VU-01A	SKCM	3.283334768	3.070120412	0.365635226
TCGA-NQ-A638-01A	MESO	3.378342934	3.050283616	1.565144367
TCGA-L5-A4OX-01A	ESCA	4.386537168	3.541195267	1.783476787
TCGA-DK-AA76-01A	BLCA	4.877073916	3.276999067	0.069549975
TCGA-EB-A97M-01A	SKCM	2.449965834	4.149143279	0.197798649
TCGA-BP-5006-01A	KIRC2	7.00508769	1.470193955	0.004216764
TCGA-2G-AAHN-01A	TGCT	4.093754039	4.938997472	0.485832135
TCGA-A4-7583-01A	KIRP	2.676162899	2.575001471	0.027329613
TCGA-AG-3732-01A	READ	3.64230136	3.490142943	0.773484981
TCGA-IN-7806-01A	STAD	4.008314522	3.230194809	1.842450352
TCGA-S7-A7WU-01A	PCPG	2.654470183	1.948103495	0
TCGA-IB-A7M4-01A	PAAD	4.022619209	2.364584439	0.197564913
TCGA-18-3411-01A	LUSC	3.231980313	2.725631366	0.103335646
TCGA-EM-A3ST-01A	THCA	4.337564495	3.162672027	0.134128625
TCGA-EL-A3T6-01A	THCA	2.681996524	2.55082157	0
TCGA-E9-A5FK-01A	BRCA	3.638045289	2.340615303	0.020243006
TCGA-13-1477-01A	OV	5.041310678	3.278938378	0.027292668
TCGA-60-2719-01A	LUSC	4.667110135	4.288220232	0.111986894
TCGA-B6-A0IC-01A	BRCA	3.145641566	2.913053085	0.097165102
TCGA-A2-A0YD-01A	BRCA	2.763828127	1.739330783	0.004844984
TCGA-BH-A0BO-01A	BRCA	3.147782037	0.992013667	0.009698849
TCGA-CV-7090-01A	HNSC	1.522539861	3.08408044	0.084065059
TCGA-CG-4441-01A	STAD	3.635656732	3.898959323	0.607179068
TCGA-A6-2672-01B	COAD	5.292550302	3.201416958	0.949205288
TCGA-CQ-A4CH-01A	HNSC	4.211998788	3.216682251	0.23674033
TCGA-QU-A6IP-01A	PRAD	3.786742915	1.634308585	0.17741931
TCGA-AX-A2HC-01A	UCEC	4.57129398	5.244094228	0.070344503
TCGA-ZG-A9L2-01A	PRAD	2.884056816	2.164979273	0.011384644
TCGA-55-8085-01A	LUAD	3.990556414	3.673072501	0.123421734
TCGA-5T-A9QA-01A	BRCA	3.880784596	4.45466387	0.112678863
TCGA-IQ-A61G-01A	HNSC	4.404903934	4.112453695	0.127206846
TCGA-BH-A6R8-01A	BRCA	2.638668597	3.614212242	0.020882196
TCGA-67-3774-01A	LUAD	2.345150706	3.441004345	0.039707993
TCGA-BJ-A3EZ-01A	THCA	2.76557959	3.177050243	0.062170939
TCGA-BH-A18L-01A	BRCA	3.011020238	4.451872146	0.156054652
TCGA-E8-A434-01A	THCA	3.620378499	3.298287349	0.004577276
TCGA-E1-5322-01A	LGG	3.847779874	2.173127282	0.004414895
TCGA-CW-5590-01A	KIRC3	0.13979513	1.393621922	0.009612483
TCGA-VD-AA8Q-01A	UVM	4.259595845	1.214064371	0.009272401
TCGA-BC-A216-01A	LIHC	3.677768783	4.7930265	3.745543824
TCGA-66-2770-01A	LUSC	3.734946263	3.231595407	0.335553806
TCGA-EM-A2CK-01A	THCA	2.505621309	2.487511132	0
TCGA-IR-A3L7-01A	CESC	4.614612478	4.859926229	0.139372349
TCGA-E9-A1RI-01A	BRCA	3.821223636	1.575886439	0.032217397

TCGA-24-1417-01A	OV	4.230388826	4.030271413	0.635474431
TCGA-78-7156-01A	LUAD	2.942766964	2.119608119	0.008080624
TCGA-4Z-AA87-01A	BLCA	5.135007019	4.750407105	1.289479296
TCGA-EB-A24C-01A	SKCM	3.491634707	2.829634047	0.004149662
TCGA-AR-A5QP-01A	BRCA	3.766249814	2.755898556	0.037551158
TCGA-CS-6668-01A	LGG	4.611829898	1.954463682	0.222573774
TCGA-64-1679-01A	LUAD	2.044450669	2.790789444	0.164246828
TCGA-DU-A7TB-01A	LGG	3.020683521	2.442013761	0.05968459
TCGA-SI-A71O-01A	SARC	2.930453452	4.243918595	0
TCGA-CQ-5334-01A	HNSC	2.530329652	2.804765174	0.193205022
TCGA-BH-A209-01A	BRCA	5.090219614	3.522536115	0.286023484
TCGA-BP-4972-01A	KIRC	2.619325739	2.282155685	0.103375878
TCGA-AD-6963-01A	COAD	4.188390408	4.870181073	0.550483324
TCGA-KJ-A3U4-01A	UCEC	3.32813995	3.96821553	0.044877947
TCGA-98-A53D-01A	LUSC	4.26865317	1.4732888	0.031245024
TCGA-G9-A9S7-01A	PRAD	3.868528284	1.859096957	0.144371717
TCGA-D8-A1XT-01A	BRCA	3.195091278	2.83919998	0.109214992
TCGA-GS-A9U3-01A	DLBC	3.488177159	3.462768559	0.201405617
TCGA-VQ-A8E0-01A	STAD	2.782643683	3.515784154	0.130876449
TCGA-JY-A6FA-01A	ESCA	4.089212581	3.441113979	0.13078917
TCGA-ET-A25O-01A	THCA	3.179051432	2.696727667	0.004433704
TCGA-CN-4728-01A	HNSC	3.112964342	2.877404236	0.032769869
TCGA-TQ-A7RV-01A	LGG	4.708866193	2.038215105	0
TCGA-N5-A4RN-01A	UCS	5.514269651	5.0762885	0.368181166
TCGA-DD-AACZ-01A	LIHC	3.590739951	3.397444782	0.569487715
TCGA-G9-6379-01A	PRAD	3.657518286	1.463970219	0.11374364
TCGA-BS-A0UA-01A	UCEC	2.781223804	2.183142527	0.156786651
TCGA-X7-A8M3-01A	THYM	3.338566803	2.985594149	0.509388033
TCGA-E2-A9RU-01A	BRCA	4.338994047	4.58556534	0.058325113
TCGA-DX-A6YX-01A	SARC	3.999967845	4.822417636	0.127193917
TCGA-EJ-5525-01A	PRAD	3.714759033	2.17508362	0.148010531
TCGA-19-2620-01A	GBM	3.640654655	2.553977808	0.149882312
TCGA-E9-A54Y-01A	BRCA	4.407537152	5.246247909	0.112512388
TCGA-78-7160-01A	LUAD	2.41694065	1.876701058	0.121678284
TCGA-AX-A05W-01A	UCEC	3.31458236	2.154752623	0.330977702
TCGA-HC-A6AQ-01A	PRAD	3.850996653	1.267746671	0.107691237
TCGA-E2-A14P-01A	BRCA	3.609388107	3.656804518	0.056591617
TCGA-BG-A2AD-01A	UCEC	3.712248135	3.67522166	0.711051749
TCGA-GU-A763-01A	BLCA	4.935373823	2.568306589	0.767507044
TCGA-HI-7169-01A	PRAD	2.313270809	1.298417553	0.038324092
TCGA-Q2-A5QZ-01A	KIRP	2.95355316	2.814557765	0.020801245
TCGA-AO-A0J4-01A	BRCA	3.396163923	3.675087257	0.237386604
TCGA-75-6207-01A	LUAD	4.017157474	3.534780369	0.57298472
TCGA-EW-A1J1-01A	BRCA	4.496079107	2.008388735	0.145281509

TCGA-GV-A3JZ-01A	BLCA	4.092251993	4.465964938	2.271205895
TCGA-98-A53H-01A	LUSC	3.708968275	2.336311085	0.052531469
TCGA-61-2104-01A	OV	4.108831572	3.83004159	0.237655035
TCGA-29-1781-01A	OV	4.926554782	4.586096426	0.130237166
TCGA-MT-A51W-01A	HNSC	3.123477571	2.792742501	0.011564477
TCGA-KM-8442-01A	KICH	3.122615081	1.43348465	0
TCGA-E2-A2P5-01A	BRCA	3.710776994	3.189685343	0.131310853
TCGA-BR-6563-01A	STAD	2.085713073	1.685961305	0.139855714
TCGA-BA-A6DG-01A	HNSC	3.014553851	1.713523107	0.017155543
TCGA-C8-A1HI-01A	BRCA	2.685710455	2.308839529	0.096056876
TCGA-AO-A03R-01A	BRCA	3.787277189	3.697313989	0.117261555
TCGA-HQ-A5NE-01A	BLCA	3.12411227	4.683202258	0.254284544
TCGA-AA-3693-01A	COAD	4.629926467	3.743430081	0.139601159
TCGA-55-7903-01A	LUAD	3.929412749	3.741658618	0.12167994
TCGA-OR-A5L9-01A	ACC	1.159962906	2.649505565	0
TCGA-29-1766-01A	OV	3.605908175	3.613375491	0.148289608
TCGA-2G-AAGO-01A	TGCT	5.353913517	4.658479383	2.710032074
TCGA-AA-3856-01A	COAD	4.046459508	4.225760988	0.292303029
TCGA-HU-A4GJ-01A	STAD	3.845918471	3.321479821	1.135358884
TCGA-DQ-7588-01A	HNSC	3.33066747	3.222902313	0.209930773
TCGA-BF-AAP4-01A	SKCM	2.538267278	4.606766455	0.164651156
TCGA-ZB-A966-01A	THYM	5.972269898	3.190155116	0.154825728
TCGA-CV-7250-01A	HNSC	2.797587089	2.154397889	0.150021906
TCGA-DE-A4MA-01A	THCA	3.162848334	2.093269155	0
TCGA-HT-7481-01A	LGG	3.876870842	3.169076134	0.217429555
TCGA-E9-A1RH-01A	BRCA	2.513007604	3.492882529	0.01268854
TCGA-E8-A44K-01A	THCA	3.341947661	3.231042824	0
TCGA-DH-A7UU-01A	LGG	4.17034086	3.931642659	0.00626391
TCGA-VP-A872-01A	PRAD	3.143004887	2.061500186	0.048827452
TCGA-VR-A8ER-01A	ESCA	3.070731454	3.807717135	0.083654164
TCGA-QR-A6GR-01A	PCPG	2.694772072	1.911311263	0
TCGA-A8-A09A-01A	BRCA	2.9397522	2.736777471	0.076279922
TCGA-JY-A6FD-01A	ESCA	3.11375491	2.89942671	0.117838317
TCGA-G3-AAV4-01A	LIHC	2.250030552	1.762854243	0.124600776
TCGA-WB-A816-01A	PCPG	3.293048244	2.418142714	0
TCGA-BD-A2L6-01A	LIHC	2.089386014	4.307262222	0.652743394
TCGA-IB-AAUR-01A	PAAD	4.136188642	1.864101953	0.129558032
TCGA-AZ-6599-01A	COAD	3.537187938	2.992292352	0.255790859
TCGA-S3-AA14-01A	BRCA	4.077139233	2.541289476	0.126237493
TCGA-DD-AADL-01A	LIHC	2.568793694	3.695421458	4.702536225
TCGA-AJ-A3EL-01A	UCEC	5.009654967	4.495840219	0.337142432
TCGA-FY-A3I4-01A	THCA	2.342710189	2.105959714	0
TCGA-HT-7854-01A	LGG	2.776840297	1.08408813	0.028292365
TCGA-FJ-A3Z7-01A	BLCA	4.207802667	3.672118971	0.517615271

TCGA-2H-A9GF-01A	ESCA	2.929925645	3.477571002	0.586123813
TCGA-C8-A132-01A	BRCA	3.372166613	2.34725697	0.022004311
TCGA-BH-A0B2-01A	BRCA	3.393610179	1.728496764	0.028811486
TCGA-TS-A8AY-01A	MESO	4.048007031	3.249888415	0.035939861
TCGA-EL-A3ZS-01A	THCA	3.558461578	1.801538212	0.026325506
TCGA-N5-A4R8-01A	UCS	4.809684694	4.491417924	0.65674859
TCGA-ZF-AA56-01A	BLCA	3.915804603	2.757371235	0.527293077
TCGA-G6-A8L8-01A	KIRC	4.344513145	1.677183359	0
TCGA-US-A77J-01A	PAAD	3.458829964	2.798453308	0.238115503
TCGA-DD-AAVQ-01A	LIHC	3.251722825	3.697580472	0.081871429
TCGA-L3-A4E7-01A	LUSC	4.557629269	2.809175686	0.079630874
TCGA-AA-3971-01A	COAD	3.972607779	4.072035063	0.244544128
TCGA-2J-AABE-01A	PAAD	2.926769213	2.037200742	0.059265213
TCGA-E2-A1IG-01A	BRCA	2.805103578	2.502406488	0.083751531
TCGA-BJ-A45I-01A	THCA	3.257573938	3.244168877	0.010740661
TCGA-XE-AAOB-01A	TGCT	4.953908395	4.073511181	0.478466403
TCGA-04-1648-01A	OV	2.941857619	2.826304656	0
TCGA-A6-6138-01A	COAD	2.721370431	4.231080677	0.379925565
TCGA-25-2409-01A	OV	3.775717993	2.910961409	0.261290022
TCGA-BP-4166-01A	KIRC	2.501272556	1.157676871	0.017508929
TCGA-FU-A3WB-01A	CESC	4.464959758	5.069932477	0.238095222
TCGA-CC-A8HU-01A	LIHC	2.918051983	5.26782832	1.545839914
TCGA-V4-A9EJ-01A	UVM	4.84233922	2.142039957	0
TCGA-VS-A9UV-01A	CESC	4.526311814	4.667292439	0.099997492
TCGA-3B-A9HT-01A	SARC	3.499062462	4.141649385	0.058970836
TCGA-BH-A0WA-01A	BRCA	3.715447768	3.415683036	0.2642662
TCGA-DX-A3U5-01A	SARC	3.418100582	4.711572537	0
TCGA-35-5375-01A	LUAD	3.960161227	2.921827982	0.012904256
TCGA-CN-6995-01A	HNSC	3.031984264	2.54960098	0.010496583
TCGA-28-5208-01A	GBM	3.515295382	3.374251691	0.368814942
TCGA-B4-5377-01A	KIRC	1.757137672	1.739918748	0.09327126
TCGA-AZ-4308-01A	COAD	3.150398486	5.511397762	0.418860578
TCGA-BJ-A192-01A	THCA	1.964460642	0.679791081	0
TCGA-RC-A7S9-01A	LIHC	2.766715597	3.319809644	0.139179997
TCGA-VF-A8AD-01A	TGCT	5.618667411	4.320995848	1.599014696
TCGA-BR-7958-01A	STAD	2.707605365	4.211830341	0.050174621
TCGA-21-1072-01A	LUSC	4.422938934	2.787122148	0.067959465
TCGA-AN-A0XW-01A	BRCA	2.396302128	2.436901689	0.053470718
TCGA-AJ-A3NE-01A	UCEC	3.983507021	3.531615925	0.280980855
TCGA-DJ-A2Q1-01A	THCA	2.199426237	2.110654835	0
TCGA-06-2561-01A	GBM	3.09141274	2.582686361	0.050290114
TCGA-DU-7294-01A	LGG	4.789179028	2.291913972	0.226009211
TCGA-OR-A5LB-01A	ACC	3.128979216	3.449159292	0
TCGA-XU-A931-01A	THYM	4.213955454	0.42062643	0.183303087

TCGA-AA-3679-01A	COAD	3.621324048	3.986285693	1.403968896
TCGA-CS-5396-01A	LGG	4.158879642	2.016624378	0.05631178
TCGA-DD-AAEK-01A	LIHC	1.800993151	2.174963553	0.127296212
TCGA-BH-A1EX-01A	BRCA	2.393509417	2.199171971	0.091965753
TCGA-D8-A141-01A	BRCA	3.268271128	1.694467202	0.078643537
TCGA-AZ-6607-01A	COAD	2.945878603	2.836379887	0.085924835
TCGA-55-6984-01A	LUAD	2.790435573	2.733962625	0.030111212
TCGA-XM-A8RI-01A	THYM	4.284613181	2.558659548	1.44676911
TCGA-IB-A5SO-01A	PAAD	3.174409583	1.377132546	0.010207459
TCGA-DX-A7ES-01A	SARC	2.704642323	3.90786959	0.010312508
TCGA-44-6777-01A	LUAD	1.755341219	1.894461686	0.047078712
TCGA-EL-A3D4-01A	THCA	2.901485907	1.156682139	0
TCGA-AF-2692-01A	READ	4.286618503	3.430567941	1.051888965
TCGA-HT-8013-01A	LGG	4.606603065	2.757708395	0
TCGA-78-7150-01A	LUAD	2.720891359	3.362856635	0.091320736
TCGA-E9-A244-01A	BRCA	4.643071265	3.057332846	0.532556035
TCGA-YF-AA3M-01A	BLCA	4.724016327	5.814964136	1.050416229
TCGA-24-1557-01A	OV	3.588944283	4.365337607	1.238534602
TCGA-VS-A9UD-01A	CESC	3.470902702	5.023516652	0.261688614
TCGA-24-1928-01A	OV	4.029887029	5.181185773	0.125601274
TCGA-04-1651-01A	OV	5.679452089	4.418768182	0.617333044
TCGA-FD-A6TF-01A	BLCA	3.918727189	4.917517136	1.086457069
TCGA-BP-4964-01A	KIRC	3.417159709	1.317087665	0.031513747
TCGA-19-2625-01A	GBM	3.504323866	3.888161047	0.288366041
TCGA-2G-AAGK-01A	TGCT	5.086214162	4.261708951	1.278441876
TCGA-BH-A18I-01A	BRCA	3.848273513	2.917284156	0.020300393
TCGA-CV-7413-01A	HNSC	2.866891145	1.770849241	0.050740249
TCGA-HD-7832-01A	HNSC	2.765959571	4.174280548	0.032357234
TCGA-LD-A7W6-01A	BRCA	4.446982149	3.02733013	0.16954317
TCGA-D8-A147-01A	BRCA	3.834184529	3.77975585	0.138013669
TCGA-CV-7425-01A	HNSC	3.500989953	2.228079644	0.098555218
TCGA-CV-A45P-01A	HNSC	3.435936701	2.160219165	0.179726934
TCGA-06-5408-01A	GBM	3.40286599	3.6327504	0.383742894
TCGA-2X-A9D5-01A	TGCT	5.12057934	5.033472436	0.619662228
TCGA-QH-A65X-01A	LGG	5.06358939	4.251147745	0.284707778
TCGA-BP-4167-01A	KIRC	2.055252177	2.727184753	0.018940545
TCGA-DD-AACF-01A	LIHC	2.317855176	5.649617117	0.226818961
TCGA-ED-A5KG-01A	LIHC	4.019856376	2.488982922	0.120793124
TCGA-AR-A2LQ-01A	BRCA	2.148313046	1.902103364	0.018397369
TCGA-HU-A4GU-01A	STAD	3.53924096	4.210858238	0.047401752
TCGA-RW-A684-01A	PCPG	3.060723598	1.957709635	0
TCGA-WB-A81H-01A	PCPG	3.411399233	1.854322393	0
TCGA-CJ-6031-01A	KIRC	2.302793669	1.909877511	0.032322864
TCGA-EJ-A46B-01A	PRAD	2.987398818	1.162255775	0.070870524

TCGA-HT-7686-01A	LGG	3.703437442	1.09374792	0
TCGA-BI-A20A-01A	CESC	4.456411499	5.645760531	0.150293089
TCGA-S7-A7X0-01A	PCPG	2.423784748	1.789888132	0
TCGA-GD-A2C5-01A	BLCA	4.240159829	3.125771578	0.183408832
TCGA-EA-A4BA-01A	CESC	4.748189822	3.404210093	0.61434506
TCGA-S9-A6TY-01A	LGG	5.234474608	2.946002773	0.429993576
TCGA-71-6725-01A	LUAD	2.796060316	3.432148024	0.15934875
TCGA-VS-A8Q8-01A	CESC	4.163012085	3.822741008	0.055858129
TCGA-KL-8333-01A	KICH	2.951651559	1.22210342	0.00460632
TCGA-XK-AAIV-01A	PRAD	3.397318568	3.36295735	0.053704121
TCGA-KO-8408-01A	KICH	3.710976835	3.608678223	0.005996313
TCGA-DD-A4NI-01A	LIHC	1.687439193	0.90985926	0.040942056
TCGA-4V-A9QL-01A	THYM	4.723884153	3.655133213	2.283515097
TCGA-61-1914-01A	OV	5.099469292	3.424460536	0.0538862
TCGA-DU-8163-01A	LGG	4.159152845	2.30264295	0.005951341
TCGA-D8-A27F-01A	BRCA	4.513701093	4.159487191	0.074536395
TCGA-W5-AA2Z-01A	CHOL	3.663893246	2.705621158	0.228408305
TCGA-E9-A247-01A	BRCA	4.599010161	4.087697484	0.310664423
TCGA-G3-AAUZ-01A	LIHC	2.696252827	4.83867585	1.823547844
TCGA-AA-3681-01A	COAD	4.104656371	4.143399293	0.208418956
TCGA-G9-6499-01A	PRAD	2.90098654	1.243357023	0.033343392
TCGA-CN-A49B-01A	HNSC	4.294069003	3.367420313	0.048523316
TCGA-V9-A7HT-01A	KIRP	3.332626675	0.715869525	0
TCGA-E2-A15M-01A	BRCA	3.759206083	2.583639988	0.018213701
TCGA-BF-AAP7-01A	SKCM	2.919874282	3.33472398	0.473700171
TCGA-CG-5718-01A	STAD	3.324124011	4.592592777	0.301505205
TCGA-E2-A10C-01A	BRCA	3.562512483	3.94582033	0.198408475
TCGA-EW-A1J6-01A	BRCA	4.977249416	2.974548812	0.138717854
TCGA-CJ-4637-01A	KIRC3	5.06628514	2.107650832	0.053691985
TCGA-C8-A130-01A	BRCA	4.524401105	4.659332073	0.229790753
TCGA-B6-A0RE-01A	BRCA	4.502568828	4.22370317	0.18163053
TCGA-F4-6805-01A	COAD	3.339077675	3.319919554	0.698032561
TCGA-BJ-A45F-01A	THCA	3.089676843	2.024950053	0
TCGA-BR-7959-01A	STAD	3.148504213	2.999850119	0.860837734
TCGA-44-2661-01A	LUAD	3.489378513	2.006649372	0.03542976
TCGA-AA-3837-01A	COAD	4.054599044	3.947905567	0.255455107
TCGA-AO-A0JB-01A	BRCA	4.148939817	2.087695638	0.237726129
TCGA-44-6776-01A	LUAD	1.921640158	2.087164407	0.084148594
TCGA-B9-7268-01A	KIRP	1.363926223	2.572764833	0
TCGA-HT-8558-01A	LGG	2.299435997	2.837996404	0.042580749
TCGA-LP-A5U3-01A	CESC	3.142417486	4.102167038	0.05318284
TCGA-G6-A8L7-01A	KIRC3	4.494731127	3.544690855	0.340779241
TCGA-S9-A7R2-01A	LGG	2.973740319	2.212905835	0.124395733
TCGA-LL-A5YM-01A	BRCA	2.144617405	4.354573255	0.051907804

TCGA-B8-A54F-01A	KIRC4	4.48841775	1.451813358	0
TCGA-A2-A3XZ-01A	BRCA	4.093083235	3.77934198	0.354480647
TCGA-DX-A8BK-01A	SARC	3.393909361	5.574689809	0.007509579
TCGA-2J-AABH-01A	PAAD	3.181937953	1.96234452	0.043555609
TCGA-B1-A654-01A	KIRP	3.331738333	2.083144462	0.007238305
TCGA-AX-A2HG-01A	UCEC	4.987841173	3.384033723	0.798565854
TCGA-BT-A42E-01A	BLCA	4.760597562	3.307523711	0.620178353
TCGA-BR-8485-01A	STAD	3.535012284	3.90474566	1.090825026
TCGA-67-3771-01A	LUAD	3.899375977	3.32229224	0.382251443
TCGA-AG-A02N-01A	READ	5.088429727	3.088283176	0.364298542
TCGA-BQ-5893-01A	KIRP	2.565780811	2.128328225	0.044361725
TCGA-BQ-5878-01A	KIRP	2.294842677	1.797430814	0.219873903
TCGA-06-2563-01A	GBM	3.897382373	3.207878699	0.481198354
TCGA-EJ-A65F-01A	PRAD	3.550995388	1.559991481	0.01908723
TCGA-EM-A4FN-01A	THCA	2.930472926	2.949114237	0
TCGA-MN-A4N1-01A	LUAD	4.026320391	4.369018377	0.169114041
TCGA-E2-A156-01A	BRCA	3.100373121	2.17243519	0
TCGA-CM-6162-01A	COAD	2.554633053	2.877578136	0.166058176
TCGA-E2-A15C-01A	BRCA	2.827146828	2.441483245	0.023878538
TCGA-23-1119-01A	OV	4.138289524	3.901850256	0.066516103
TCGA-56-7221-01A	LUSC	3.714533176	2.794018913	0.077843178
TCGA-A4-A5Y0-01A	KIRP	2.307303082	1.655234002	0.005827552
TCGA-MP-A4T6-01A	LUAD	3.760936768	3.047727941	0.022129629
TCGA-J4-A83K-01A	PRAD	3.846595953	1.259986213	0.130916625
TCGA-04-1338-01A	OV	3.618396476	2.824560445	0.162957785
TCGA-D1-A0ZO-01A	UCEC	2.668950463	1.857333078	0.026753641
TCGA-BG-A0MO-01A	UCEC	1.703294833	1.361795918	0.043724829
TCGA-AJ-A3NF-01A	UCEC	3.969630515	3.643780661	0.95351042
TCGA-QL-A97D-01A	COAD	4.868874142	4.229521891	0.457592027
TCGA-EJ-7784-01A	PRAD	3.949240749	1.395515107	0.110746702
TCGA-T2-A6WX-01A	HNSC	4.350272724	3.300501356	0.342540115
TCGA-04-1343-01A	OV	4.481280951	4.32415372	0.214087685
TCGA-DD-A4NE-01A	LIHC	2.959566475	3.905926589	0.155231747
TCGA-W2-A7UY-01A	PCPG	2.494302901	2.36910609	0
TCGA-CE-A27D-01A	THCA	2.848175862	1.975388208	0.071414128
TCGA-05-4422-01A	LUAD	4.13389373	2.906378873	0.162644125
TCGA-J4-A83J-01A	PRAD	2.895966794	2.382476152	0.011643757
TCGA-ZG-A9L6-01A	PRAD	3.105562987	1.475711947	0.027198696
TCGA-DK-A3IT-01A	BLCA	4.076475061	4.350416272	1.694857826
TCGA-XF-A9SZ-01A	BLCA	4.546997251	3.889513695	0.20743083
TCGA-EY-A215-01A	UCEC	5.035907788	4.32325114	0.717681523
TCGA-AA-3818-01A	COAD	3.74813081	3.188543443	0.069132422
TCGA-55-8087-01A	LUAD	2.802397783	1.21829951	0.133431834
TCGA-KK-A59Z-01A	PRAD	3.17562668	1.273554688	0.055084331

TCGA-EY-A2OQ-01A	UCEC	4.569464482	4.430294743	1.332968017
TCGA-BA-4078-01A	HNSC	4.338623389	4.547250327	0.637797456
TCGA-2G-AAGI-01A	TGCT	4.498357694	4.291615818	0.90332926
TCGA-09-1662-01A	OV	4.845883179	4.123221641	0.769209867
TCGA-DJ-A3VB-01A	THCA	2.736721304	2.719685691	0.003145633
TCGA-R8-A6MO-01A	LGG	4.953931398	2.29243213	0.106928028
TCGA-23-1809-01A	OV	3.426053817	4.971257293	0.055299712
TCGA-B0-5099-01A	KIRC3	2.2786522	1.955823093	0.053281315
TCGA-NC-A5HM-01A	LUSC	4.386732319	3.650176292	0.238153925
TCGA-TM-A7CF-01A	LGG	3.720124204	1.765135396	0.006883434
TCGA-HT-8104-01A	LGG	3.309969432	3.731158706	0.285878789
TCGA-97-8175-01A	LUAD	2.95320905	2.859679182	0.194078454
TCGA-DX-AB32-01A	SARC	4.134887685	4.92849786	0.008366315
TCGA-09-2048-01A	OV	4.831342469	3.660971468	0.023673408
TCGA-CM-6678-01A	COAD	3.325078954	3.073288462	0.278729658
TCGA-E2-A2P6-01A	BRCA	3.079197875	3.592538622	0.013832807
TCGA-RS-A6TO-01A	HNSC	3.470061647	3.384186856	0.134235328
TCGA-WJ-A86L-01A	LIHC	2.641679048	3.911007324	0.170825456
TCGA-N7-A59B-01A	UCS	4.303490135	5.053922682	0.005610054
TCGA-KL-8335-01A	KICH	3.468019475	2.177424308	0
TCGA-AA-3939-01A	COAD	3.644578396	2.733441537	0.064275621
TCGA-CJ-4871-01A	KIRC2	0.087743998	1.903662575	0.004922054
TCGA-AN-A0AT-01A	BRCA	4.705233527	4.369681164	0.606603571
TCGA-25-1628-01A	OV	3.675868256	5.069463627	0.548427107
TCGA-GC-A3OO-01A	BLCA	2.860056125	4.329975762	0.151391638
TCGA-BH-A18P-01A	BRCA	2.63170642	3.005818665	0.080107311
TCGA-OR-A5J8-01A	ACC	3.53428088	4.203941554	0
TCGA-HT-8564-01A	LGG	3.275030434	2.637798967	0.015916658
TCGA-S7-A7WT-01A	PCPG	3.37608897	2.017640386	0.009625214
TCGA-BP-4975-01A	KIRC3	3.74003738	1.41559791	0.003249785
TCGA-G3-A25X-01A	LIHC	2.116410412	4.697241169	0.011506559
TCGA-A4-7997-01A	KIRP	2.43111968	1.869058779	0.112936214
TCGA-DU-5874-01A	LGG	4.385799943	3.74538264	0.352135325
TCGA-BG-A3PP-01A	UCEC	5.220930366	5.277717642	0.50804365
TCGA-CH-5771-01A	PRAD	2.460956822	1.277322137	0.009516232
TCGA-Z4-AAPG-01A	SARC	3.58468958	4.671539254	0.020493767
TCGA-EJ-5542-01A	PRAD	2.433994709	1.009967918	0.060813507
TCGA-AP-A0LL-01A	UCEC	3.62655171	1.385566833	0.801347463
TCGA-86-8672-01A	LUAD	4.325179099	3.173739045	1.102223444
TCGA-EJ-5508-01A	PRAD	3.031160947	1.197065713	0.022465069
TCGA-BH-A42T-01A	BRCA	3.567893209	4.557494613	0.367741956
TCGA-X6-A7WD-01A	SARC	2.981631882	5.186227104	0
TCGA-HU-A4GP-01A	STAD	3.381905308	3.726855611	0.397202904
TCGA-AR-A24X-01A	BRCA	3.793050412	1.557225229	0.007694654

TCGA-FE-A236-01A	THCA	3.072213361	2.348443037	0
TCGA-69-7979-01A	LUAD	3.511812079	3.988056901	0.098545636
TCGA-EB-A551-01A	SKCM	3.23954611	2.997196271	0.675843402
TCGA-44-A47A-01A	LUAD	4.451424006	3.555819866	0.247208317
TCGA-AA-3850-01A	COAD	3.895334103	3.566424518	0.198337288
TCGA-VS-A9UT-01A	CESC	3.697310853	4.700856881	0.1757867
TCGA-CF-A5UA-01A	BLCA	3.936519169	3.194562798	0.051058182
TCGA-DB-A64R-01A	LGG	4.901311775	1.636151189	0.255734079
TCGA-A3-A6NN-01A	KIRC3	2.253072683	2.092591935	0.109513317
TCGA-HU-8249-01A	STAD	4.196129981	4.504849839	1.360706624
TCGA-L5-A8NQ-01A	ESCA	3.417059502	3.484063727	0.336079971
TCGA-EL-A3TB-01A	THCA	3.126382884	1.930479381	0
TCGA-HR-A5NC-01A	SKCM	3.529162165	3.387700721	0.008278381
TCGA-BH-A18H-01A	BRCA	3.865347171	2.339221521	0.044887803
TCGA-F7-A61S-01A	HNSC	4.047166619	3.897068651	0.173930307
TCGA-DD-AAEG-01A	LIHC	2.195768885	2.9329597	0.035028103
TCGA-C5-A3HE-01A	CESC	5.651035863	4.741421846	0.498932742
TCGA-Q1-A73S-01A	CESC	4.286800838	5.87374009	1.130688975
TCGA-CV-7423-01A	HNSC	2.4522322	3.347528377	0.080814263
TCGA-AP-A3K1-01A	UCEC	4.09094317	4.181929257	0.26677301
TCGA-23-1110-01A	OV	5.065599699	6.537018082	1.180212378
TCGA-97-A4M1-01A	LUAD	3.310362189	2.504103899	0.170312617
TCGA-AP-A053-01A	UCEC	4.034888549	4.735572688	0.476512894
TCGA-FI-A2D5-01A	UCEC	3.562542635	4.421787912	0.751093124
TCGA-GM-A2DF-01A	BRCA	4.130116861	2.996314672	0.075440743
TCGA-DQ-5629-01A	HNSC	3.883592944	2.837670025	0.303676617
TCGA-RW-A689-01A	PCPG	2.58899033	1.664265779	0
TCGA-46-6026-01A	LUSC	5.687150846	4.111273957	1.252280412
TCGA-XF-A9SP-01A	BLCA	3.550585434	2.947303973	0.579195983
TCGA-CJ-6033-01A	KIRC2	2.230413946	2.001671092	0.048884609
TCGA-78-8660-01A	LUAD	3.859126965	4.138933309	0.219520397
TCGA-LP-A4AW-01A	CESC	4.474642152	3.601817979	0.044990626
TCGA-D5-6926-01A	COAD	4.262921562	4.310774305	0.69866638
TCGA-G9-7525-01A	PRAD	2.721299475	2.05479873	0.015407122
TCGA-DD-AACV-01A	LIHC	1.657511627	4.885644476	2.74054783
TCGA-FD-A3B4-01A	BLCA	4.28643803	3.486737251	0.171075261
TCGA-BP-5007-01A	KIRC3	2.724711836	1.634899255	0.280316885
TCGA-18-5595-01A	LUSC	4.211079348	4.930225077	0.173668199
TCGA-D1-A1O8-01A	UCEC	4.168415086	3.909350025	0.473276227
TCGA-V1-A8ML-01A	PRAD	3.282736696	1.414137844	0.046722951
TCGA-OR-A5L4-01A	ACC	2.019848593	3.747521536	0.200736121
TCGA-E2-A10E-01A	BRCA	3.222649638	2.625325239	0.02285132
TCGA-VS-A9UI-01A	CESC	4.19980502	4.632994635	0.29874839
TCGA-AX-A0IS-01A	UCEC	3.753711169	2.074075562	0.422913376

TCGA-A5-A0GQ-01A	UCEC	4.017395867	1.940759728	0.285185901
TCGA-55-6543-01A	LUAD	2.80496997	2.411616153	0.107012766
TCGA-CF-A47X-01A	BLCA	4.112151179	1.734425317	0.269227073
TCGA-AJ-A3EJ-01A	UCEC	2.461791932	3.99913328	0.209001834
TCGA-HT-7603-01A	LGG	3.662599432	1.936875738	0.004700667
TCGA-CD-8529-01A	STAD	2.246270452	3.519649251	1.526136279
TCGA-BP-4776-01A	KIRC	2.978516593	1.912545964	0.025420906
TCGA-A5-A0GA-01A	UCEC	3.961553013	4.149466701	0.946676413
TCGA-ET-A3DV-01A	THCA	2.445516693	3.212993286	0
TCGA-CV-5976-01A	HNSC	3.518060586	3.169970304	0.251286329
TCGA-CD-8533-01A	STAD	3.26334039	5.82282402	0.366511417
TCGA-49-AAR4-01A	LUAD	4.548332441	3.864207147	0.464491047
TCGA-B5-A5OD-01A	UCEC	3.868485108	3.88507454	0.09543397
TCGA-G3-AAV6-01A	LIHC	3.71571728	4.102691571	0.472837905
TCGA-N5-A59F-01A	UCS	4.898107509	4.9590522	1.07929299
TCGA-A4-8312-01A	KIRP	2.209657522	0.524565741	0
TCGA-BQ-7048-01A	KIRP	2.924486244	1.156955736	0.020617038
TCGA-BH-A0HK-01A	BRCA	3.081612106	2.115463801	0
TCGA-P3-A6T8-01A	HNSC	3.287880597	3.273606017	0.177088115
TCGA-KL-8327-01A	KICH	3.11129334	1.293378817	0
TCGA-B8-5545-01A	KIRC	1.949189458	2.037364107	0
TCGA-E5-A4TZ-01A	BLCA	4.348378615	4.998769472	0.384447369
TCGA-2G-AALS-01A	TGCT	4.669527318	4.327442985	0.942594157
TCGA-5P-A9JY-01A	KIRP	3.384319915	2.125285514	0.593849669
TCGA-BH-A0DD-01A	BRCA	4.371991953	4.748933211	0.105960865
TCGA-XE-AAO3-01A	TGCT	4.867447874	4.815801881	1.069237911
TCGA-AG-3599-01A	READ	3.700480383	3.897199085	0.517465615
TCGA-YL-A8SC-01A	PRAD	3.547425231	2.438246766	0.036988032
TCGA-D8-A140-01A	BRCA	3.184065057	3.426253575	0.01849918
TCGA-EL-A3H8-01A	THCA	3.092825683	1.924871639	0
TCGA-D1-A17D-01A	UCEC	3.117092038	2.528883698	0.798419854
TCGA-BG-A0M4-01A	UCEC	2.698585481	1.978177174	0
TCGA-D8-A27E-01A	BRCA	3.048756819	1.420455994	0.024311239
TCGA-FE-A3PC-01A	THCA	3.444467933	2.092941508	0
TCGA-44-5643-01A	LUAD	4.054573226	4.257709856	0.152867458
TCGA-UY-A78N-01A	BLCA	4.955563571	6.137030227	0.010797851
TCGA-GM-A5PV-01A	BRCA	2.848698107	2.056757107	0.018288834
TCGA-A2-A0D3-01A	BRCA	3.153094983	0.700377448	0.034503974
TCGA-E2-A15H-01A	BRCA	4.372323912	3.506990176	0.259234704
TCGA-ZB-A96R-01A	THYM	4.777914223	4.33753884	2.604163261
TCGA-A5-A0G5-01A	UCEC	3.020950411	4.238233604	0.083324308
TCGA-S7-A7WR-01A	PCPG	3.302548681	1.045731986	0
TCGA-2G-AAL7-01A	TGCT	5.829732247	4.81174857	2.140522486
TCGA-XR-A8TF-01A	LIHC	4.01422005	4.622510101	0.499618725

TCGA-CJ-4891-01A	KIRC3	2.10849839	1.063791875	0.009716091
TCGA-M7-A724-01A	PRAD	4.637183169	3.524408459	0.210264594
TCGA-DX-AB2X-01A	SARC	4.462399308	4.497909409	0.007195243
TCGA-CC-A8HT-01A	LIHC	3.858310574	4.217677461	0.695054946
TCGA-SR-A6MT-01A	PCPG	3.548345505	3.026372186	0
TCGA-O2-A52S-01A	LUSC	5.120231594	4.769377952	1.591739286
TCGA-C8-A26Y-01A	BRCA	2.626268044	4.742346593	0.021670071
TCGA-UL-AAZ6-01A	BRCA	4.510820094	4.668872868	0.203904713
TCGA-Z7-A8R6-01A	BRCA	5.388163969	4.590190935	0.762431887
TCGA-P5-A5F0-01A	LGG	3.941648863	2.299876986	0.145863441
TCGA-YU-A90W-01A	TGCT	4.985893649	4.870201248	0.699902772
TCGA-A8-A07E-01A	BRCA	2.700417852	3.31962294	0.116221483
TCGA-WB-A81Q-01A	PCPG	3.464205274	3.146892144	0
TCGA-A3-3385-01A	KIRC3	4.03801466	1.98302762	0.072263022
TCGA-EJ-7325-01B	PRAD	3.500728372	1.15398867	0.073755592
TCGA-2H-A9GN-01A	ESCA	5.002228258	3.514319207	1.277978678
TCGA-Q1-A5R1-01A	CESC	4.114725782	5.260997253	0.515800369
TCGA-DB-A64S-01A	LGG	4.743472461	2.454662151	0.006995251
TCGA-EB-A4P0-01A	SKCM	4.803108445	3.784912416	0.585062635
TCGA-D7-A6F0-01A	STAD	4.336363701	5.627709081	0.286196619
TCGA-28-5218-01A	GBM	2.281023546	2.880986811	0
TCGA-BR-8295-01A	STAD	4.140146704	4.056267041	1.205865754
TCGA-76-4925-01A	GBM	4.807198665	4.242612764	0.438263748
TCGA-BH-A0C7-01B	BRCA	4.339923401	3.840044368	0.118269559
TCGA-04-1357-01A	OV	3.569707616	3.527482862	0.102752738
TCGA-55-6982-01A	LUAD	2.44285174	2.512049238	0.011279301
TCGA-LA-A446-01A	LUSC	4.391325819	3.871613053	0.267412767
TCGA-J4-A67L-01A	PRAD	2.937788097	1.983878038	0.037500718
TCGA-S6-A8JW-01A	TGCT	4.712721585	4.417703821	0.742082479
TCGA-BH-A0HI-01A	BRCA	1.728154384	1.780925305	0.01060911
TCGA-KC-A4BR-01A	PRAD	3.385984346	1.163649539	0.102670439
TCGA-24-1551-01A	OV	4.678945451	4.855068759	0.267950499
TCGA-D5-6530-01A	COAD	3.688873074	3.58019555	0.515212607
TCGA-BR-4369-01A	STAD	4.942699981	3.242054986	1.337497783
TCGA-QH-A870-01A	LGG	3.545611029	1.022049018	0
TCGA-V4-A9EE-01A	UVM	4.58690946	2.523418611	0.120986154
TCGA-ZJ-AAXI-01A	CESC	6.150086247	3.87510203	0.203424582
TCGA-D6-6824-01A	HNSC	2.080952856	1.884696762	0.009972685
TCGA-KK-A8IK-01A	PRAD	4.710434092	2.660410594	0.547885924
TCGA-39-5035-01A	LUSC	4.795184915	2.999601165	0.652773966
TCGA-VQ-A8PJ-01A	STAD	3.871493508	3.23350863	0.374561528
TCGA-A8-A0A6-01A	BRCA	2.723260362	1.955905185	0.007800699
TCGA-A3-3357-01A	KIRC2	2.927052891	1.569280849	0.024746778
TCGA-JW-A5VJ-01A	CESC	4.673167873	4.148208068	0.625846455

TCGA-WK-A8Y0-01A	SARC	3.426161161	4.298711806	0.006400972
TCGA-QR-A70U-01A	PCPG	3.774372661	2.313832078	0
TCGA-IB-AAUO-01A	PAAD	4.388878905	3.27491953	0.129426897
TCGA-CQ-A4CB-01A	HNSC	4.20655688	3.688438789	0.051305714
TCGA-A8-A06R-01A	BRCA	4.128294749	4.273749866	0.500694889
TCGA-EJ-A6RA-01A	PRAD	3.449520721	1.50114351	0.040924764
TCGA-EL-A3CX-01A	THCA	2.70708464	2.58025645	0
TCGA-G4-6320-01A	COAD	4.081455784	3.449088129	0.258684969
TCGA-EL-A3CV-01A	THCA	2.222250424	1.917222346	0.009079923
TCGA-GM-A2DH-01A	BRCA	4.445068985	5.60437832	0.373541746
TCGA-CJ-4635-01A	KIRC3	5.56795139	1.549912677	0.007164357
TCGA-BF-A5ER-01A	SKCM	2.527464332	4.217217237	0.057935163
TCGA-XF-A9SM-01A	BLCA	3.958251489	4.344887267	0.524930564
TCGA-JY-A6FG-01A	ESCA	3.075085782	1.123844634	0.014923114
TCGA-AX-A3G8-01A	UCEC	3.107130959	4.137961962	1.099289125
TCGA-CV-7411-01A	HNSC	1.968595816	1.506285109	0.004424061
TCGA-CV-A6JD-01A	HNSC	3.067327882	2.687324264	0.398132363
TCGA-BR-8686-01A	STAD	3.276219671	3.590320629	0.377556612
TCGA-AA-3672-01A	COAD	3.688545004	4.415866615	1.349586612
TCGA-DD-A73D-01A	LIHC	1.993918865	1.644484547	0.497523857
TCGA-86-8673-01A	LUAD	3.407010226	4.484720453	0.115675654
TCGA-FG-A6J1-01A	LGG	5.101562915	2.566286208	0.330976597
TCGA-MH-A562-01A	KIRP	3.116447067	2.278467258	0.071302634
TCGA-AG-3611-01A	READ	3.093788503	3.148182145	0.145015761
TCGA-QK-AA3K-01A	HNSC	4.291473876	4.13408044	0.116894241
TCGA-AA-3869-01A	COAD	3.662578376	3.094202984	0.13979417
TCGA-85-8664-01A	LUSC	4.250339883	4.852719294	1.464095636
TCGA-IR-A3LI-01A	CESC	2.836966667	4.241469955	0.171332231
TCGA-CC-A9FS-01A	LIHC	3.760074642	3.613389541	0.006109631
TCGA-GJ-A6C0-01A	LIHC	1.730805007	3.550012841	0.635274568
TCGA-ZF-AA4N-01A	BLCA	4.190856844	3.479276163	0.84541732
TCGA-CF-A9FH-01A	BLCA	4.400023279	3.159112776	0.458692073
TCGA-10-0938-01A	OV	4.556937987	5.534641216	0.714147137
TCGA-VS-A950-01A	CESC	3.664356813	5.302452929	0.276985569
TCGA-YL-A9WY-01A	PRAD	3.596687136	2.212029976	0.024548498
TCGA-HT-A74K-01A	LGG	4.506512304	4.109484242	0.23719973
TCGA-12-3650-01A	GBM	4.026696787	4.997835933	0.402071759
TCGA-VD-AA8R-01A	UVM	4.314442063	1.340398597	0.005270711
TCGA-B6-A0IB-01A	BRCA	2.610705556	3.522108101	0.099769864
TCGA-KS-A4IB-01A	THCA	3.297258655	2.665110102	0
TCGA-GU-A762-01A	BLCA	4.404670452	4.074442646	0.025454511
TCGA-A2-A04N-01A	BRCA	3.280744631	2.119689091	0.076410896
TCGA-HM-A6W2-01A	CESC	4.921236484	4.154057982	0.98350304
TCGA-B5-A11S-01A	UCEC	4.288538182	2.055933842	0.355471987

TCGA-A4-8515-01A	KIRP	1.814780049	1.747150111	0
TCGA-VP-A87H-01A	PRAD	3.483841792	1.414397891	0.012906252
TCGA-HT-7616-01A	LGG	5.027043888	1.265295907	0.02334206
TCGA-A8-A095-01A	BRCA	3.25331353	3.80283464	0.126426124
TCGA-AD-6889-01A	COAD	4.383042952	3.827615995	0.215077705
TCGA-AL-7173-01A	KIRP	3.090472091	2.46269394	0.083627711
TCGA-FI-A2D6-01A	UCEC	4.110262136	4.90650312	0.990863713
TCGA-IG-A3YB-01A	ESCA	3.951083573	2.616100748	0.043684114
TCGA-KR-A7K8-01A	LIHC	3.086857873	4.263362463	0.079005944
TCGA-FG-A4MT-01A	LGG	5.238995448	3.229204778	0
TCGA-RW-A8AZ-01A	PCPG	3.205363866	2.588495323	0.028050258
TCGA-62-A46Y-01A	LUAD	3.631717302	2.7508296	0.090114196
TCGA-EY-A1GR-01A	UCEC	3.670757684	5.002729687	0.010987784
TCGA-DD-AAEH-01A	LIHC	2.799542345	1.596683983	0.0431384
TCGA-BI-A0VR-01A	CESC	4.443787007	5.125807859	0.439765769
TCGA-UB-A7MA-01A	LIHC	3.467758281	4.125591552	1.15064078
TCGA-CD-A4MH-01A	STAD	4.44378436	4.242211513	0.719811165
TCGA-W5-AA36-01A	CHOL	4.154945165	3.133249732	0.030622412
TCGA-IN-A7NT-01A	STAD	4.705467051	3.788344074	2.061524543
TCGA-D1-A0ZN-01A	UCEC	3.220344476	1.808861777	0.100204669
TCGA-GL-A4EM-01A	KIRP	1.534206942	0.970596799	0.006513349
TCGA-B0-5107-01A	KIRC	4.126589302	3.327820434	0.098260084
TCGA-HW-A5KL-01A	LGG	3.924273942	1.713177071	0
TCGA-DU-A7TI-01A	LGG	4.340784262	2.212234655	0
TCGA-CH-5744-01A	PRAD	2.021046231	1.598086113	0.202127202
TCGA-A6-2674-01A	COAD	4.641630197	2.825726703	0.321829342
TCGA-HS-A5N9-01A	SARC	4.024399083	5.363784591	0
TCGA-A2-A1G1-01A	BRCA	3.800818208	2.105918075	0.135406983
TCGA-E8-A414-01A	THCA	2.579646277	2.325819658	0
TCGA-CD-A489-01A	STAD	3.163901593	2.377599917	0.025384272
TCGA-IS-A3KA-01A	SARC	3.358741527	5.904382582	0.066662968
TCGA-SH-A7BD-01A	MESO	3.061805449	2.969212497	0.007496541
TCGA-QG-A5YX-01A	COAD	3.769477952	3.890547651	0.338963202
TCGA-34-8456-01A	LUSC	4.214705896	4.010104571	0.375794876
TCGA-FD-A6TE-01A	BLCA	3.627585802	5.490607554	0.399033551
TCGA-A6-6140-01A	COAD	3.370132567	5.579797881	0.834887885
TCGA-A8-A06P-01A	BRCA	2.892089852	2.332611343	0.018567841
TCGA-BR-8284-01A	STAD	2.95346193	3.585149805	1.957458252
TCGA-56-8624-01A	LUSC	3.790416736	3.769367073	0.037785852
TCGA-AR-A0U2-01A	BRCA	3.365066631	5.122644039	0.439920828
TCGA-JY-A93C-01A	ESCA	3.484471289	3.644541769	0.357906532
TCGA-A1-A0SI-01A	BRCA	2.455470339	4.217964063	0.016487742
TCGA-49-AARQ-01A	LUAD	4.08686772	5.830022165	0.428373684
TCGA-WB-A81F-01A	PCPG	3.030830571	2.8924809	0

TCGA-28-2514-01A	GBM	3.081015693	2.985478292	0.288919297
TCGA-EJ-5532-01A	PRAD	2.537210074	1.765354457	0.047130943
TCGA-N5-A4RT-01A	UCS	3.535081518	4.011757694	0.858729787
TCGA-24-2023-01A	OV	4.653421376	4.336262278	0.096118686
TCGA-YU-A94D-01A	TGCT	5.339261199	4.131373752	0.221047885
TCGA-78-7536-01A	LUAD	4.309594336	4.896648704	0.824509828
TCGA-EL-A3T9-01A	THCA	2.9120686	1.849211879	0.423833178
TCGA-21-5783-01A	LUSC	3.033614091	3.620118837	0.65658346
TCGA-Z5-AAPL-01A	PAAD	4.954379681	2.791045251	0.25128823
TCGA-OR-A5J2-01A	ACC	3.713742035	2.956053231	0.00532111
TCGA-IE-A4EJ-01A	SARC	2.916173741	3.253459517	0.015683147
TCGA-CN-A63T-01A	HNSC	3.766388171	3.882540095	0.13567092
TCGA-L5-A4ON-01A	ESCA	2.77539221	2.709448361	0.11487417
TCGA-78-8662-01A	LUAD	4.49067762	4.609239974	0
TCGA-D5-6532-01A	COAD	3.43934701	4.398229428	0.92924541
TCGA-R6-A6DQ-01B	ESCA	3.435337622	3.423260552	0.179285516
TCGA-FA-A86F-01A	DLBC	4.369982723	4.868720385	0.99768065
TCGA-HT-7881-01A	LGG	3.307980195	2.502658223	0.051108619
TCGA-DI-A2QY-01A	UCEC	3.801751442	3.93327707	0.27122888
TCGA-25-2392-01A	OV	3.033975179	3.358377381	0.139329016
TCGA-64-5775-01A	LUAD	3.123664119	2.920388498	0.259322613
TCGA-AC-A2B8-01A	BRCA	3.575703642	1.755636434	0.040900501
TCGA-CR-5243-01A	HNSC	2.94781939	4.506432159	2.243032579
TCGA-A8-A09I-01A	BRCA	2.629300655	4.518973491	0.053992647
TCGA-J4-AAU2-01A	PRAD	2.827309728	1.576703738	0.012405865
TCGA-DK-A3IV-01A	BLCA	4.003511244	6.108089461	0.913496538
TCGA-AR-A1AJ-01A	BRCA	3.795725065	3.963359504	0.041603195
TCGA-GM-A4E0-01A	BRCA	3.997683739	1.782625959	0.086391067
TCGA-SQ-A6I6-01A	PCPG	3.968360796	1.556858912	0
TCGA-77-7138-01A	LUSC	3.528517948	3.7744775	0.085555303
TCGA-97-A4M0-01A	LUAD	3.630779789	2.202684755	0.073917865
TCGA-FG-6691-01A	LGG	3.468715358	2.059099885	0
TCGA-MP-A4T9-01A	LUAD	3.104670899	2.89619927	0.342344946
TCGA-DX-A1KX-01A	SARC	1.542966824	3.899664912	0.006176239
TCGA-BH-A203-01A	BRCA	3.096863678	3.178462992	0.014443898
TCGA-HT-7609-01A	LGG	4.588542729	1.280953973	0
TCGA-DU-6392-01A	LGG	2.712615884	3.093776322	0
TCGA-QR-A70G-01B	PCPG	2.686858592	1.639718299	0.014261498
TCGA-25-1633-01A	OV	2.741157654	2.795386729	0.071444875
TCGA-H6-A45N-01A	PAAD	3.361883933	2.18828197	0
TCGA-24-2297-01A	OV	4.322258215	3.328884996	0.109766247
TCGA-C8-A1HK-01A	BRCA	2.851571203	2.466365246	0.13565809
TCGA-IR-A3LK-01A	CESC	5.629385573	3.82227663	0.987905675
TCGA-VF-A8AB-01A	TGCT	4.911954281	4.278852129	0.219765381

TCGA-RW-A68G-01A	PCPG	3.647430341	1.447336845	0
TCGA-50-5049-01A	LUAD	2.844173071	2.970614309	0.06400098
TCGA-3H-AB3T-01A	MESO	4.559658302	4.067957281	0.308404786
TCGA-C5-A905-01A	CESC	4.380564966	4.592756343	0.339617024
TCGA-HZ-8315-01A	PAAD	3.444944434	1.420748572	0.009906039
TCGA-CN-4726-01A	HNSC	1.591594018	1.699144272	0.024045097
TCGA-AJ-A3OJ-01A	UCEC	3.561295974	2.895142142	0.157034625
TCGA-CG-4444-01A	STAD	4.578700256	3.341051524	0.689293277
TCGA-ZB-A96K-01A	THYM	4.419785254	2.74018368	1.780676567
TCGA-21-1083-01A	LUSC	4.742321484	3.722995811	0.468787265
TCGA-BA-5152-01A	HNSC	2.222693807	2.780174046	0.045754431
TCGA-DK-A3WW-01A	BLCA	4.340376145	2.846240045	0.255517075
TCGA-XK-AAJR-01A	PRAD	3.529996698	2.042696502	0.092146222
TCGA-E9-A1N3-01A	BRCA	3.293137823	2.72244944	0.011887627
TCGA-F4-6856-01A	COAD	2.985423364	3.548317415	0.26567299
TCGA-28-5209-01A	GBM	3.016230948	3.555845953	0.558406523
TCGA-FK-A3S3-01A	THCA	2.733899472	1.059948974	0
TCGA-61-2098-01A	OV	4.790779485	4.270209081	1.031108893
TCGA-B0-5088-01A	KIRC3	0.006096094	1.739202053	0.004509972
TCGA-CG-5721-01A	STAD	3.566846091	3.793670406	0.172228835
TCGA-CQ-5324-01A	HNSC	2.032648803	2.672102012	0.127329496
TCGA-XF-A9SX-01A	BLCA	3.81046974	4.603563484	0.24984849
TCGA-DX-A6BA-01A	SARC	2.348619587	5.635279492	0
TCGA-UU-A93S-01A	BRCA	4.620138172	4.836232843	0.038772313
TCGA-EV-5901-01A	KIRP	2.482533603	1.286377029	0.007797193
TCGA-CV-6441-01A	HNSC	3.780667324	2.671009467	0.122987803
TCGA-D5-6927-01A	COAD	4.770590652	3.785959461	0.311366882
TCGA-55-7284-01B	LUAD	2.504943954	2.092055595	0.008993304
TCGA-B0-4710-01A	KIRC3	0.866444975	2.997340045	0.057209546
TCGA-4R-AA8I-01A	LIHC	2.093871062	2.582613519	0
TCGA-A2-A0D0-01A	BRCA	4.022738867	4.88430644	0.0871839
TCGA-AP-A0LJ-01A	UCEC	3.423060765	1.762555386	0.204102129
TCGA-E8-A2EA-01A	THCA	3.041372378	2.511243909	0
TCGA-DK-AA6W-01A	BLCA	4.888363171	4.433479798	2.626056131
TCGA-B0-5400-01A	KIRC1	0.930929039	1.873110364	0.025810426
TCGA-D8-A1J8-01A	BRCA	3.050385402	2.657822921	0.069224237
TCGA-E9-A1NI-01A	BRCA	3.585487194	3.25897978	0.04304297
TCGA-AG-3584-01A	READ	4.132074734	5.456909256	0.73839256
TCGA-S9-A7R4-01A	LGG	4.896647453	1.78577975	0
TCGA-BG-A18C-01A	UCEC	4.767715174	5.692998465	0.159658865
TCGA-SW-A7EA-01A	STAD	4.033540807	3.161531295	0.167997176
TCGA-G9-6385-01A	PRAD	2.522807883	1.346235828	0.03751341
TCGA-A2-A3XW-01A	BRCA	3.815242144	3.668055766	0.041593212
TCGA-BA-A6D8-01A	HNSC	3.878996113	4.391026125	0.195232349

TCGA-K1-A6RU-01A	SARC	2.638969038	4.240022162	0.005136035
TCGA-DJ-A2Q0-01A	THCA	2.182934929	3.132684332	0
TCGA-A4-A5DU-01A	KIRP	3.414825156	1.852690083	0
TCGA-36-1581-01A	OV	3.429412645	4.019405222	1.53002116
TCGA-CV-7429-01A	HNSC	3.119591699	2.456963279	0.374651099
TCGA-AN-A0FK-01A	BRCA	2.513914328	2.695734476	0.317352911
TCGA-AF-2691-01A	READ	3.67933226	4.040902817	0.143616217
TCGA-AN-A0AS-01A	BRCA	3.098569935	2.211661649	0.005846602
TCGA-29-1694-01A	OV	4.006751906	3.578725588	0.185848001
TCGA-FY-A4B3-01A	THCA	3.26685072	1.789141813	0
TCGA-2G-AALX-01A	TGCT	3.60372048	3.756319939	0.063087497
TCGA-3B-A9HQ-01A	SARC	2.508473785	5.483208532	0
TCGA-50-5055-01A	LUAD	3.269940123	2.415441639	0.135246228
TCGA-DH-5143-01A	LGG	3.052498381	2.034070189	0
TCGA-C8-A278-01A	BRCA	4.294756707	4.137614327	0.067924649
TCGA-DM-A288-01A	COAD	3.679606429	3.139779675	0.176684459
TCGA-04-1530-01A	OV	4.352930887	5.225371837	0.265256141
TCGA-B2-5633-01A	KIRC	3.103242466	1.338331432	0.003438501
TCGA-AN-A0AL-01A	BRCA	2.645459354	4.239364414	0.176603822
TCGA-CN-5366-01A	HNSC	3.239276872	2.717267384	0.033522151
TCGA-C5-A1MK-01A	CESC	3.7845142	4.72420723	0.773387463
TCGA-14-1829-01A	GBM	4.750463261	2.071759613	0.089699036
TCGA-MH-A55W-01A	KIRP	2.340532964	1.819332104	0
TCGA-AR-A1AO-01A	BRCA	3.066090508	3.035140673	0.040042701
TCGA-CW-5588-01A	KIRC	2.410683804	1.369835671	0.005498284
TCGA-AA-A02H-01A	COAD	3.859452605	3.998606346	1.303591188
TCGA-FD-A5BT-01A	BLCA	2.87728505	5.253972447	0.261665621
TCGA-3A-A9IU-01A	PAAD	2.818986458	1.991839106	0.034522083
TCGA-28-2509-01A	GBM	3.437466993	4.805921449	0.323498706
TCGA-2G-AAGV-01A	TGCT	3.39622356	2.304986435	0
TCGA-HC-7210-01A	PRAD	1.47040051	1.116632726	0
TCGA-CC-A123-01A	LIHC	2.263743156	2.85322889	1.416078149
TCGA-F7-A620-01A	HNSC	4.145798647	3.687852494	0.281639099
TCGA-BH-A1FB-01A	BRCA	2.98967361	1.317503968	0.017320265
TCGA-AQ-A04L-01B	BRCA	4.16507561	3.124321798	0.005174635
TCGA-AA-3947-01A	COAD	5.420441204	1.80714896	0
TCGA-KC-A7FD-01A	PRAD	3.797042218	1.40423583	0.088126001
TCGA-BJ-A0YZ-01A	THCA	1.602099687	1.43811965	0.005471035
TCGA-DD-AADV-01A	LIHC	2.076577137	3.572307509	2.997058055
TCGA-BH-A0BQ-01A	BRCA	2.547530389	1.666281253	0.065955988
TCGA-EM-A2CL-01A	THCA	2.511304042	2.344803078	0
TCGA-55-8092-01A	LUAD	4.088897795	2.843461022	0.090249765
TCGA-B6-A0IJ-01A	BRCA	4.543400729	5.373023268	0.39177285
TCGA-FY-A40K-01A	THCA	3.62640312	1.439489393	0.010150372

TCGA-EA-A43B-01A	CESC	4.225205562	4.35104348	0.202682581
TCGA-CU-A3KJ-01A	BLCA	3.006982963	3.146590917	0.101821053
TCGA-2Z-A9JI-01A	KIRP	3.628155148	2.596211281	0.012680262
TCGA-DS-A1OD-01A	CESC	5.051840819	5.240960078	1.557097669
TCGA-BR-A4J4-01A	STAD	2.895055456	3.038569893	0.003866983
TCGA-HT-7879-01A	LGG	4.113269855	1.661368794	0
TCGA-NJ-A55R-01A	LUAD	3.410812498	3.257687241	0.691311796
TCGA-A2-A0EW-01A	BRCA	2.495818131	1.944841209	0.016027507
TCGA-FE-A231-01A	THCA	2.505377561	3.025075613	0.068185269
TCGA-CV-7247-01A	HNSC	2.758984891	2.708443291	0.043182271
TCGA-GI-A2C9-01A	BRCA	3.271665493	2.997303249	0.251221899
TCGA-B4-5834-01A	KIRC	3.234916191	1.550746117	0
TCGA-59-2350-01A	OV	4.144420218	4.969095867	0.272972215
TCGA-WY-A85A-01A	LGG	4.617216292	1.641133481	0
TCGA-B5-A11R-01A	UCEC	3.517624009	3.192108399	0.089992472
TCGA-AX-A3FV-01A	UCEC	5.12890207	5.878129353	0.345639862
TCGA-CN-4740-01A	HNSC	2.427909551	2.760625084	0.013796485
TCGA-29-2414-01A	OV	3.781815045	3.453418034	0.15695808
TCGA-XF-A9SW-01A	BLCA	3.182266587	3.306940112	0.235890884
TCGA-CQ-6227-01A	HNSC	2.175026773	2.499448334	0.056545433
TCGA-D1-A17B-01A	UCEC	2.061956415	2.349948189	0.024640195
TCGA-KK-A7B2-01A	PRAD	3.368514538	1.447608279	0.028928656
TCGA-GF-A2C7-01A	SKCM	2.694830245	4.484678746	0.013190826
TCGA-MP-A4TD-01A	LUAD	3.534969795	3.265369975	0.318050032
TCGA-LN-A4A4-01A	ESCA	3.072236239	3.063846319	0.457781251
TCGA-B5-A5OC-01A	UCEC	4.277772253	2.527970465	0.399005829
TCGA-SP-A6QK-01A	PCPG	3.748456996	1.829863611	0
TCGA-73-4677-01A	LUAD	1.53335181	1.921560352	0.00711084
TCGA-ZP-A9CY-01A	LIHC	1.694438024	1.515691129	0.070667037
TCGA-VS-A9UZ-01A	CESC	3.400523486	5.825476309	0.149870573
TCGA-21-5787-01A	LUSC	2.921065997	4.576138323	0.086567858
TCGA-TS-A7PB-01A	MESO	3.604158971	2.073971087	0.070029812
TCGA-G4-6314-01A	COAD	4.20665082	4.476771861	0.894131178
TCGA-91-6840-01A	LUAD	3.975181242	5.110640942	0.075139466
TCGA-AA-3979-01A	COAD	4.4424331	4.720196315	0.872394205
TCGA-CF-A47S-01A	BLCA	3.42007183	1.19939207	0.055439218
TCGA-BH-A0HA-01A	BRCA	2.900586028	2.529638976	0.053991591
TCGA-IR-A3LB-01A	CESC	4.012416921	4.089578269	0.054226061
TCGA-WN-AB4C-01A	KIRP	2.770753231	1.25376311	0
TCGA-AX-A2HF-01A	UCEC	4.295939382	3.713842785	1.536555798
TCGA-OR-A5JC-01A	ACC	2.654014191	3.751729499	0.325847862
TCGA-CH-5753-01A	PRAD	3.824414183	1.26184487	0.176112243
TCGA-FE-A237-01A	THCA	2.770518863	2.68601222	0
TCGA-DJ-A3UZ-01A	THCA	3.260820253	1.129451482	0.004907902

TCGA-NC-A5HF-01A	LUSC	4.871926522	3.200742106	0.171740931
TCGA-BH-A1EN-01A	BRCA	1.561099852	3.281761664	0.00883189
TCGA-PC-A5DL-01A	SARC	2.807317977	5.638146387	0.008722945
TCGA-E9-A5FL-01A	BRCA	4.330717353	2.84947202	0.107602921
TCGA-2G-AAG6-01A	TGCT	3.144249665	2.90830573	0.07391247
TCGA-3B-A9I3-01A	SARC	3.079014011	4.745039005	0.059455996
TCGA-D8-A1Y3-01A	BRCA	5.396737069	4.62358735	0.030905227
TCGA-EP-A2KC-01A	LIHC	2.714681402	2.323034489	0.21304873
TCGA-FI-A2F9-01A	UCEC	4.159002265	4.340200117	0.179616099
TCGA-KK-A8IJ-01A	PRAD	2.503733192	1.246534718	0.012015671
TCGA-CD-5813-01A	STAD	1.834562171	3.624386452	0.163996668
TCGA-C8-A27A-01A	BRCA	3.700364449	3.962297284	0.062043943
TCGA-AR-A24Q-01A	BRCA	3.025763837	3.447168436	0.069041459
TCGA-AA-3489-01A	COAD	4.261202756	3.57529515	0.965142463
TCGA-JY-A6FH-01A	ESCA	3.467901735	3.983465653	0.262345114
TCGA-CV-6939-01A	HNSC	2.987188076	4.703037126	0.045949816
TCGA-KU-A6H7-01A	HNSC	4.62644851	4.67212109	0.329019883
TCGA-BP-4326-01A	KIRC3	3.71805817	1.922173131	0.230298472
TCGA-AX-A1CC-01A	UCEC	3.246692474	3.859280856	0.325507167
TCGA-3X-AAVA-01A	CHOL	3.802124699	2.87923972	0.015955079
TCGA-DD-AAW0-01A	LIHC	2.323740014	1.776564028	0.011887467
TCGA-ZS-A9CF-01A	LIHC	2.353405631	4.036544016	3.369945825
TCGA-2G-AAGX-01A	TGCT	4.036090558	3.885173081	0.851672113
TCGA-EM-A3O6-01A	THCA	1.77911411	1.580501945	0
TCGA-BR-8286-01A	STAD	3.80129106	4.468040556	0.259955082
TCGA-EL-A4KH-01A	THCA	3.080935337	2.068142086	0
TCGA-05-4410-01A	LUAD	2.530203343	4.225133928	0.123340917
TCGA-VD-AA8M-01A	UVM	3.801395306	2.936540654	0.036360663
TCGA-HZ-7289-01A	PAAD	0.938637564	3.373826289	0.113062835
TCGA-EY-A1GT-01A	UCEC	3.322304807	2.735930094	0.07816689
TCGA-25-1313-01A	OV	4.364565186	2.913515754	0.029028616
TCGA-2G-AAGF-01A	TGCT	5.672877136	4.404617786	1.332666066
TCGA-98-7454-01A	LUSC	3.404524246	2.527249964	0.024670411
TCGA-A7-A13G-01B	BRCA	3.356595525	1.596318206	0.077904249
TCGA-QR-A7IP-01A	PCPG	4.071439463	2.928932834	0.00806373
TCGA-6A-AB49-01A	LUSC	4.643722321	4.748998335	0.832498441
TCGA-BG-A0LX-01A	UCEC	4.089538401	3.505600189	0.280279056
TCGA-13-1495-01A	OV	4.117814054	3.736562617	0.137728859
TCGA-XM-AAZ2-01A	THYM	4.261182214	1.728418975	0.825627941
TCGA-CD-8530-01A	STAD	3.058679017	2.775189169	0.086385252
TCGA-X6-A7W8-01A	SARC	3.847844906	5.774901148	0.006508976
TCGA-CS-4941-01A	LGG	2.522962868	2.940413568	0.154623437
TCGA-AX-A1C5-01A	UCEC	4.519918562	3.50866031	0.060884118
TCGA-AP-A0LD-01A	UCEC	4.34327093	4.512295196	1.298406202

TCGA-V4-A9ET-01A	UVM	4.602946704	2.347474837	0.034657691
TCGA-CD-8535-01A	STAD	4.541270824	4.852872023	0.417088281
TCGA-C5-A3HF-01A	CESC	4.60387347	3.86677758	1.968889413
TCGA-D1-A0ZS-01A	UCEC	2.611180198	3.821192007	0.211757964
TCGA-A5-A1OF-01A	UCEC	3.815808379	3.657467965	0.520535037
TCGA-36-1571-01A	OV	4.217863623	3.825202896	0.543951323
TCGA-C5-A2LV-01A	CESC	4.87747054	4.554175177	0.063329446
TCGA-ZJ-AAXF-01A	CESC	4.356451743	3.983062394	0.148556424
TCGA-DM-A28M-01A	COAD	3.548081615	3.74923978	0.656580802
TCGA-EL-A3H4-01A	THCA	2.303003442	2.337548045	0
TCGA-EM-A3FM-01A	THCA	2.301149195	2.565128773	0
TCGA-XM-AAZ1-01A	THYM	4.899352747	4.48562627	3.842790942
TCGA-S9-A6WI-01A	LGG	2.689272612	2.983992651	0.027511678
TCGA-CG-4437-01A	STAD	3.280240476	4.333387412	0.259118871
TCGA-3S-A8YW-01A	THYM	5.283991671	3.931576169	0.834538164
TCGA-BG-A0MA-01A	UCEC	4.736073889	2.81891894	0.440577344
TCGA-L5-A8NM-01A	ESCA	4.003507154	3.695927121	0.499963129
TCGA-DK-A3IS-01A	BLCA	3.988570623	4.055588646	0.344796505
TCGA-NJ-A4YF-01A	LUAD	4.132822794	3.833798208	0.158650586
TCGA-AJ-A3EK-01A	UCEC	4.357165701	3.753506575	0.47991447
TCGA-DX-A23Y-01A	SARC	3.088815967	4.437248018	0.012181155
TCGA-CN-4735-01A	HNSC	4.67490031	2.926809478	0.34589656
TCGA-L5-A8NH-01A	ESCA	4.120044989	4.080804965	0.454141306
TCGA-KM-8476-01A	KICH	3.982004491	2.783877156	0
TCGA-G9-6384-01A	PRAD	2.256831345	1.1060135	0.00836263
TCGA-86-8054-01A	LUAD	4.064597377	4.860188437	0.387207906
TCGA-DB-5279-01A	LGG	3.217502803	1.140920285	0.047018779
TCGA-BH-A0C0-01A	BRCA	4.055038105	4.42842472	0.193967681
TCGA-A2-A3XY-01A	BRCA	4.456836341	3.786661924	0.096708065
TCGA-B0-5690-01A	KIRC3	1.15322338	1.889946534	0.022172319
TCGA-LL-A6FP-01A	BRCA	2.777081795	3.496409744	0.043889945
TCGA-RM-A68T-01A	PCPG	3.700276184	1.842557074	0
TCGA-KK-A7B4-01A	PRAD	4.309897597	2.754463599	0.24988342
TCGA-BP-4347-01A	KIRC2	1.960222023	1.49734694	0.16187431
TCGA-HT-7605-01A	LGG	3.769183781	1.982720266	0.023656521
TCGA-BJ-A2N8-01A	THCA	2.845598618	2.178850651	0
TCGA-EB-A3Y7-01A	SKCM	1.765150286	4.287243913	0.147610223
TCGA-IR-A3LL-01A	CESC	5.024648769	4.011435965	0.068403784
TCGA-BJ-A45D-01A	THCA	2.312768034	1.910805289	0
TCGA-D7-8578-01A	STAD	1.619646182	3.01646193	0.047527245
TCGA-EJ-A65J-01A	PRAD	1.809757026	1.226229006	0.052236623
TCGA-P5-A735-01A	LGG	4.075746407	2.257943409	0
TCGA-2F-A9KW-01A	BLCA	4.537339895	4.211897915	2.142323079
TCGA-HE-7130-01A	KIRP	2.274728741	2.672299433	0.202980299

TCGA-2G-AAGZ-01A	TGCT	5.558352772	3.8823333	1.349185348
TCGA-5P-A9K9-01A	KIRP	3.080997618	3.24668645	0.023588101
TCGA-D1-A16V-01A	UCEC	3.574934413	4.167408085	0.03674609
TCGA-PG-A914-01A	UCEC	5.231454339	4.064792715	1.160809513
TCGA-EL-A3ZK-01A	THCA	3.077675525	2.545569231	0
TCGA-85-8582-01A	LUSC	3.107929113	2.79829519	0.211960882
TCGA-97-8552-01A	LUAD	2.789853727	2.415359709	0.032165083
TCGA-AX-A2H2-01A	UCEC	5.25042147	4.548500156	0.544028961
TCGA-22-5473-01A	LUSC	3.732361437	3.55477055	0.276292412
TCGA-IB-A5SQ-01A	PAAD	2.533130578	2.673654815	0.052319221
TCGA-MA-AA42-01A	CESC	3.955850796	3.971061808	0.00728345
TCGA-BR-4366-01A	STAD	3.98849598	2.489999436	0.269996902
TCGA-D8-A27N-01A	BRCA	4.343396886	2.546486556	0.144239218
TCGA-E2-A15K-01A	BRCA	2.82366706	3.898616251	0.130235507
TCGA-QG-A5Z1-01A	COAD	3.830751305	3.795642302	1.331183299
TCGA-CC-A9FU-01A	LIHC	3.809494863	4.496364206	1.299304242
TCGA-DD-A4ND-01A	LIHC	2.046080018	2.368623698	0.36574131
TCGA-B5-A0JS-01A	UCEC	2.041710728	1.770389392	0.014114706
TCGA-G3-A3CH-01A	LIHC	2.498903289	5.589212186	0
TCGA-ZG-A9ND-01A	PRAD	2.969783296	2.329190851	0.049290254
TCGA-3H-AB3U-01A	MESO	3.347258698	1.983261854	0.005266142
TCGA-BR-8591-01A	STAD	3.296641823	3.245048368	0.161452257
TCGA-DU-7006-01A	LGG	2.698495952	2.6994034	0.052279146
TCGA-C5-A1BJ-01A	CESC	4.388384928	4.249092617	0.51181349
TCGA-ZJ-AAXB-01A	CESC	5.225151405	6.184817743	4.262362712
TCGA-2G-AAHP-01A	TGCT	5.301014494	5.898422037	0.654780017
TCGA-KN-8429-01A	KICH	4.130742929	1.720049668	0
TCGA-3G-AB0Q-01A	THYM	4.494986199	1.400311919	0.967971688
TCGA-DU-6407-01A	LGG	3.313617321	2.155898242	0.005474318
TCGA-EJ-5517-01A	PRAD	1.788369902	0.900126245	0.016947745
TCGA-DJ-A2PR-01A	THCA	2.827034274	1.119764196	0.00947884
TCGA-BR-4267-01A	STAD	2.371855086	2.645959313	0.111234463
TCGA-61-2009-01A	OV	4.103659132	4.364611411	0.062706646
TCGA-FG-A4MU-01B	LGG	3.671002144	3.38624592	0.622675
TCGA-CQ-6225-01A	HNSC	4.39376143	2.503460002	0.135866168
TCGA-ZB-A965-01A	THYM	3.614584445	1.086465033	1.190505633
TCGA-DK-A6B6-01A	BLCA	3.593819416	2.626864022	0.105500534
TCGA-BF-A3DJ-01A	SKCM	2.767924573	3.508903948	0.079117445
TCGA-DX-AB37-01A	SARC	3.604942538	3.284201776	0.011315512
TCGA-BJ-A0Z3-01A	THCA	2.825301663	2.325228333	0.097051616
TCGA-B0-4837-01A	KIRC	2.19118217	1.608515587	0.069900257
TCGA-DX-A6B9-01A	SARC	1.762780378	2.796710696	0
TCGA-D5-5538-01A	COAD	3.945754021	3.431333293	0.125974594
TCGA-MQ-A4LC-01A	MESO	3.323531772	2.290120562	0.010010993

TCGA-KM-8441-01A	KICH	2.157352568	1.553470085	0.005140192
TCGA-4V-A9QM-01A	THYM	4.533073793	2.984603573	1.856320127
TCGA-EY-A4KR-01A	UCEC	4.30009767	3.76746179	0.178800057
TCGA-21-1071-01A	LUSC	4.227115337	3.559460454	0.061251521
TCGA-2J-AAB9-01A	PAAD	3.179050879	1.869826412	0.081833223
TCGA-3A-A9I7-01A	PAAD	3.035934646	2.260061971	0.534389285
TCGA-DJ-A3UU-01A	THCA	3.217248606	1.495988971	0
TCGA-C5-A7X8-01A	CESC	3.582864925	4.934610226	0.404502123
TCGA-A2-A1FZ-01A	BRCA	2.624290483	1.855664799	0.03147056
TCGA-BJ-A0ZH-01A	THCA	3.402951311	3.265023098	0
TCGA-B6-A0IG-01A	BRCA	4.973081503	4.549525893	0.090859643
TCGA-AG-3605-01A	READ	4.941653583	4.827079414	0.63565873
TCGA-SP-A6QJ-01A	PCPG	3.639283155	1.505122939	0.007471439
TCGA-J8-A3YH-01A	THCA	3.691533938	2.544455461	0
TCGA-DK-A3X2-01A	BLCA	4.997221021	4.978707453	0.270209332
TCGA-GU-AATP-01A	BLCA	3.696548106	3.499601746	0.190776654
TCGA-4Z-AA7R-01A	BLCA	3.864664118	3.518481342	1.440726096
TCGA-CC-A9FW-01A	LIHC	3.247423016	2.962506589	1.070602382
TCGA-XU-A930-01A	THYM	4.353117806	3.562441132	2.029956789
TCGA-WB-A81E-01A	PCPG	3.497095969	2.475332688	0.016758996
TCGA-EY-A2OM-01A	UCEC	3.000904096	2.356963941	0.026412329
TCGA-DD-AAE3-01A	LIHC	1.909199784	0.728724853	3.888055672
TCGA-B0-4838-01A	KIRC2	7.62691777	1.702082846	0.011477473
TCGA-BP-4169-01A	KIRC3	4.62556761	1.846178451	0.232553853
TCGA-62-8398-01A	LUAD	3.034784091	2.686238137	0.281995664
TCGA-AP-A5FX-01A	UCEC	4.992308763	4.855627321	0.287484934
TCGA-DD-AACS-01A	LIHC	2.627702345	5.824509556	1.289206061
TCGA-2A-A8VL-01A	PRAD	3.060833649	1.050175792	0.013556685
TCGA-TM-A84Q-01A	LGG	4.403041024	1.247847229	0
TCGA-77-6845-01A	LUSC	5.265148138	3.424645004	0.406201158
TCGA-G9-6351-01A	PRAD	2.447316926	0.809252089	0.028891644
TCGA-NH-A5IV-01A	COAD	5.071917903	4.114290234	0.551401127
TCGA-EY-A1GX-01A	UCEC	4.28523268	3.688020011	0.73531225
TCGA-DK-A2I6-01A	BLCA	3.519343515	4.6641412	1.755491187
TCGA-BQ-5877-01A	KIRP	2.482340681	1.616361242	0
TCGA-JW-A69B-01A	CESC	3.65662589	4.269922298	0.524831906
TCGA-49-AARE-01A	LUAD	4.183706111	3.730728589	0.091151097
TCGA-KK-A7B1-01A	PRAD	4.002375127	1.655143767	0.268913497
TCGA-P4-A5E6-01A	KIRP	2.595817955	1.32627077	0.025830051
TCGA-A4-A7UZ-01A	KIRP	3.588017825	2.622724514	0.201706254
TCGA-S4-A8RO-01A	PAAD	3.053094696	3.513361632	0.137611141
TCGA-BA-5153-01A	HNSC	2.983618563	4.444539683	0.083808607
TCGA-2G-AAH0-01A	TGCT	5.17040283	4.939489968	0.525697553
TCGA-AC-A2BK-01A	BRCA	3.338995775	3.940321855	0.972171859

TCGA-B5-A0K6-01A	UCEC	3.478554894	3.049179466	0.066230844
TCGA-MH-A857-01A	KIRP	2.743405021	1.724627189	0
TCGA-55-8511-01A	LUAD	3.727397528	3.694843412	0.134537465
TCGA-BH-A0AU-01A	BRCA	3.363080414	2.31328602	0.114543147
TCGA-5U-AB0D-01A	THYM	4.335572504	4.40683241	1.599563031
TCGA-AF-2687-01A	READ	4.860863117	3.82348835	0.396314711
TCGA-AO-A1KP-01A	BRCA	4.837539095	2.566230183	0.092082156
TCGA-99-8025-01A	LUAD	4.005436463	4.288704846	0.037498308
TCGA-EL-A3CL-01A	THCA	2.9778559	1.755924755	0
TCGA-KN-8427-01A	KICH	3.807866447	2.943717433	0.121367769
TCGA-IE-A4EI-01A	SARC	2.424426632	4.960187551	0
TCGA-G5-6572-01A	READ	2.580744662	2.647502452	0.256295049
TCGA-A5-A0G9-01A	UCEC	2.561409914	2.919008145	0.229224136
TCGA-YU-AA4L-01A	TGCT	5.038137915	4.040943585	0.065943652
TCGA-DD-AACN-01A	LIHC	3.624565601	1.463017931	0.064338031
TCGA-ZF-AA5N-01A	BLCA	4.136855662	3.388197068	0.815160291
TCGA-VQ-A94P-01A	STAD	2.270753637	1.198752867	0.051424836
TCGA-P5-A5F6-01A	LGG	2.054490092	1.57223682	0
TCGA-E9-A5UO-01A	BRCA	3.109413369	5.58299719	0.150364733
TCGA-GR-7353-01A	DLBC	2.94760249	4.164319774	0.536115042
TCGA-QR-A6H0-01A	PCPG	3.423509294	3.189364352	0
TCGA-AG-3582-01A	READ	3.913367581	4.913494225	1.264814118
TCGA-2Y-A9GY-01A	LIHC	3.70405681	3.687056018	1.004394169
TCGA-HC-7081-01A	PRAD	2.537153767	1.584729447	0.021864568
TCGA-B5-A0K4-01A	UCEC	2.168115762	2.834108194	0.046571617
TCGA-76-4927-01A	GBM	3.32199937	3.454506052	0.193583158
TCGA-60-2722-01A	LUSC	3.907846464	3.179226169	0.297174318
TCGA-OR-A5LD-01A	ACC	3.155758532	3.694882894	0.115990429
TCGA-DX-AB2S-01A	SARC	3.091911571	2.6967846	0.055052012
TCGA-55-8507-01A	LUAD	3.502581035	4.436907275	0.619746697
TCGA-EM-A1YA-01A	THCA	2.183471002	2.343690646	0
TCGA-IN-A6RI-01A	STAD	3.71708584	4.723477447	0.254398665
TCGA-CJ-5677-01A	KIRC	2.50202999	1.932279686	0.006466047
TCGA-F4-6807-01A	COAD	3.481222986	3.349780709	0.249434132
TCGA-IB-AAUP-01A	PAAD	3.829258632	2.499613478	0.278019979
TCGA-AX-A062-01A	UCEC	4.413449953	2.994496713	0.732827356
TCGA-XF-A9SL-01A	BLCA	3.141772489	3.732750988	0.062194064
TCGA-04-1331-01A	OV	3.52866143	4.971395707	0.147397561
TCGA-BR-8484-01A	STAD	3.234349829	3.883909188	0.183184576
TCGA-24-2262-01A	OV	4.131603092	3.950365486	0.074307658
TCGA-B5-A11Y-01A	UCEC	2.643522876	2.136070592	0.140506906
TCGA-VQ-AA6J-01A	STAD	3.895926607	3.929660897	1.281014568
TCGA-DJ-A3V6-01A	THCA	3.326373513	2.628731015	0.058833079
TCGA-2G-AALO-01A	TGCT	3.145447914	3.119312708	0

TCGA-XR-A8TC-01A	LIHC	3.57126817	2.909940042	0.027890653
TCGA-77-8009-01A	LUSC	4.374659924	4.781098817	0.217598469
TCGA-OR-A5JE-01A	ACC	2.962249274	5.725446459	0.241325829
TCGA-AO-A0J5-01A	BRCA	2.587164341	2.561711246	0.018362535
TCGA-ZM-AA0N-01A	TGCT	4.97261986	4.064054871	1.337752783
TCGA-N8-A4PP-01A	UCS	5.488054957	4.380215017	0.245555757
TCGA-AG-3598-01A	READ	4.672652143	4.130992627	0.076365515
TCGA-AO-A0JE-01A	BRCA	4.36286469	3.021065794	0.074256624
TCGA-EJ-7783-01A	PRAD	3.779406247	1.451683851	0.038758966
TCGA-A5-A0GB-01A	UCEC	2.993030025	3.474398052	0.550453774
TCGA-XH-A853-01A	THYM	4.972384083	4.290473366	2.197976519
TCGA-BR-6707-01A	STAD	4.058069898	4.010803169	0.225170075
TCGA-TN-A7HI-01A	HNSC	4.714679656	7.136829196	0.247785048
TCGA-BR-8381-01A	STAD	3.912587306	3.6293603	1.745442251
TCGA-MM-A564-01A	KIRC	4.875871933	1.087182424	0.237239126
TCGA-WL-A834-01A	CESC	4.50395879	4.178299482	0.435595757
TCGA-A2-A3XS-01A	BRCA	3.965940782	4.7832690	0.27645117
TCGA-V1-A9Z9-01A	PRAD	3.203929768	1.731863793	0.093346434
TCGA-G7-6797-01A	KIRP	3.003002361	2.510726142	0.008021531
TCGA-D8-A1X9-01A	BRCA	3.650645681	2.810594645	0.011161641
TCGA-S9-A7R3-01A	LGG	3.945334856	1.84557092	0.006748295
TCGA-04-1536-01A	OV	3.029311092	4.149555067	0.09994462
TCGA-XF-A9T2-01A	BLCA	4.552118198	3.474352282	0.289206149
TCGA-CQ-7072-01A	HNSC	3.910749309	2.953805093	0.604056813
TCGA-DK-AA71-01A	BLCA	3.872349887	3.463549797	0.205674254
TCGA-OL-A66J-01A	BRCA	3.128536485	3.046701533	0.020080094
TCGA-20-0991-01A	OV	3.106303719	4.142889344	0.779607178
TCGA-UF-A71B-01A	HNSC	3.727886526	3.539713782	0
TCGA-AL-3473-01A	KIRP	3.356887441	1.792145018	0.004537711
TCGA-B5-A3FC-01A	UCEC	3.589458593	4.295718978	0.066503598
TCGA-24-1850-01A	OV	3.492328904	5.009866178	0.607005469
TCGA-AX-A1CP-01A	UCEC	3.908243431	4.16261172	0
TCGA-DY-A1DG-01A	READ	4.593538147	4.682700265	0.785841415
TCGA-DX-AB2Q-01A	SARC	3.906063946	3.983845774	0.004955106
TCGA-FD-A5C1-01A	BLCA	3.326111845	4.027242799	0.200836093
TCGA-HT-7602-01A	LGG	3.465782709	1.721957947	0
TCGA-ZG-A9LB-01A	PRAD	4.429844699	2.265394928	0
TCGA-2G-AAEW-01A	TGCT	4.406452611	4.846939518	0.616854957
TCGA-QQ-A5VC-01A	SARC	2.940922135	3.301562086	0
TCGA-DK-A6B2-01A	BLCA	3.435685163	3.401405936	0.304538385
TCGA-56-A4ZK-01A	LUSC	4.569817746	4.447671919	0.195384142
TCGA-AX-A3G1-01A	UCEC	4.149229879	4.425814553	0.610290579
TCGA-KO-8410-01A	KICH	2.433039561	2.876981308	0
TCGA-D8-A1XV-01A	BRCA	3.251245877	2.207154342	0.013103346

TCGA-DX-A7EM-01A	SARC	3.029339499	5.345198924	0.004959159
TCGA-39-5028-01A	LUSC	3.325269483	1.808707817	0.025606521
TCGA-AP-A05H-01A	UCEC	3.815317531	3.05729085	0.152066482
TCGA-HC-8256-01A	PRAD	3.395025923	1.407049591	0.03375971
TCGA-DD-AACH-01A	LIHC	3.234914866	5.298252894	0.206004932
TCGA-FU-A3NI-01A	CESC	3.267058242	4.499285888	0.077842454
TCGA-S6-A8JY-01A	TGCT	5.280055928	4.627153831	0.855871817
TCGA-HV-A7OP-01A	PAAD	3.431677435	3.379000272	0.549468221
TCGA-NJ-A4YI-01A	LUAD	3.381736121	2.314727724	0.065866173
TCGA-55-A491-01A	LUAD	3.206023314	4.072320043	0.548195157
TCGA-G9-6329-01A	PRAD	2.971619142	1.829002703	0.009153097
TCGA-AX-A2HD-01A	UCEC	3.778228426	4.297539058	0.22909001
TCGA-ET-A39O-01A	THCA	2.585683809	3.005473964	0
TCGA-X6-A8C5-01A	SARC	3.144065655	4.372003263	0
TCGA-LN-A7HZ-01A	ESCA	4.58410082	3.84402187	0.359951204
TCGA-DU-6408-01A	LGG	4.526407836	2.249346411	0
TCGA-3U-A98J-01A	MESO	2.920787336	1.922418815	0.032220381
TCGA-QR-A702-01A	PCPG	3.772172838	2.786227731	0
TCGA-S9-A7QY-01A	LGG	4.670522114	2.458162606	0.196003963
TCGA-AZ-4615-01A	COAD	3.78994255	3.151388168	0.105142884
TCGA-ZB-A96Q-01A	THYM	4.747900105	3.684685923	2.106625649
TCGA-TT-A6YK-01A	PCPG	4.372686774	1.783367594	0
TCGA-4Z-AA7Q-01A	BLCA	3.793487582	4.009351723	0.240755601
TCGA-CM-6676-01A	COAD	3.955046683	4.451605971	0.559976248
TCGA-S9-A6TZ-01A	LGG	4.381617923	0.727553363	0.144646222
TCGA-J4-A67O-01A	PRAD	2.405717741	1.819129925	0.032279278
TCGA-HT-7902-01A	LGG	3.950802163	2.666209861	0
TCGA-P8-A6RX-01A	PCPG	2.454445415	2.083138381	1.71913729
TCGA-DJ-A2Q4-01A	THCA	2.854960874	2.78324216	0.003353499
TCGA-4V-A9QI-01A	THYM	5.39362084	4.076278965	2.321227452
TCGA-FK-A4UB-01A	THCA	3.531317746	1.779237515	0
TCGA-2G-AAFN-01A	TGCT	5.626922608	4.578936708	2.271600534
TCGA-A8-A076-01A	BRCA	2.883164364	3.972226775	0.050502436
TCGA-EL-A3GS-01A	THCA	1.71711947	2.403629214	0
TCGA-55-6968-01A	LUAD	3.777958383	5.16925935	1.372396827
TCGA-E1-A7YV-01A	LGG	5.185940803	4.936258725	0
TCGA-AP-A0LN-01A	UCEC	3.843529102	2.247237925	0.069792205
TCGA-DK-A6B0-01A	BLCA	3.603567255	1.736782803	0.068325078
TCGA-AG-A025-01A	READ	3.920455614	3.773779299	0.405198262
TCGA-DD-A73G-01A	LIHC	2.694513697	2.826340505	0.012327183
TCGA-KK-A7AV-01A	PRAD	3.915294738	1.304411355	0.060451842
TCGA-Q1-A6DV-01A	CESC	4.1828102	5.545015927	0.352600971
TCGA-FP-7998-01A	STAD	2.357523733	3.630132441	0.108626428
TCGA-QR-A70J-01A	PCPG	3.292485325	1.63329979	0.012741626

TCGA-AR-A24Z-01A	BRCA	3.228683856	3.38299606	0.093579979
TCGA-TM-A84C-01A	LGG	3.339491252	1.406041124	0
TCGA-B0-4713-01A	KIRC3	2.46551924	1.809602662	0.007267916
TCGA-23-1114-01B	OV	3.805274103	4.363257014	0.455411053
TCGA-DD-A3A7-01A	LIHC	2.367489499	3.610778701	0.711848983
TCGA-69-7974-01A	LUAD	3.543365895	3.268710487	0.14792659
TCGA-AN-A046-01A	BRCA	3.675570666	2.366468196	0.041743803
TCGA-B2-4102-01A	KIRC3	2.74427084	1.737330312	0.005344955
TCGA-HT-7875-01A	LGG	4.350303164	1.752326093	0.154901568
TCGA-24-1464-01A	OV	5.090338607	3.140870755	0.048642178
TCGA-VV-A829-01A	LGG	5.05869459	1.641013266	0.069831719
TCGA-29-1690-01A	OV	4.917737183	2.015265603	0.037621713
TCGA-IB-7885-01A	PAAD	2.465714425	2.385877099	0.013271244
TCGA-DC-6155-01A	READ	2.484932314	5.430107454	0.771382013
TCGA-55-7913-01B	LUAD	3.027373363	4.130542779	0.323887212
TCGA-85-8288-01A	LUSC	4.55196627	3.069080409	0.572415619
TCGA-CG-4465-01A	STAD	3.35359454	2.538647742	0.184582276
TCGA-AK-3428-01A	KIRC3	1.32464977	1.094405072	0
TCGA-IZ-8196-01A	KIRP	2.871509259	1.326147313	0
TCGA-H7-A6C4-01A	HNSC	2.512583224	2.050042387	0.037644858
TCGA-XU-A92U-01A	THYM	5.014357852	3.958673292	2.393710894
TCGA-EB-A553-01A	SKCM	3.3427759	4.057822511	0.116815621
TCGA-A7-A3J0-01A	BRCA	3.246008598	2.278594423	0.092342445
TCGA-58-A46M-01A	LUSC	4.919410978	5.211435403	0.141316152
TCGA-4V-A9QW-01A	THYM	4.694998006	4.372360154	2.790738296
TCGA-BH-A0HQ-01A	BRCA	2.411716108	1.976760385	0.012882466
TCGA-3X-AAV9-01A	CHOL	3.377887782	2.424259721	0.061644563
TCGA-E7-A6MD-01A	BLCA	3.959824712	2.486035812	0.151749511
TCGA-CV-6950-01A	HNSC	2.672891187	3.416462994	0.058225996
TCGA-DJ-A2PW-01A	THCA	2.502504976	1.864100561	0
TCGA-AN-A0FW-01A	BRCA	3.125324208	3.305669507	0.049730682
TCGA-13-0768-01A	OV	3.837727805	3.115617039	0.411996111
TCGA-29-1768-01A	OV	2.827407166	2.106872855	0.058453533
TCGA-BR-A4J7-01A	STAD	3.070648816	1.652767903	0.083559471
TCGA-KK-A7AQ-01A	PRAD	3.213792386	3.0237068	0.075914678
TCGA-BJ-A0ZA-01A	THCA	2.155694725	1.785034295	0
TCGA-10-0927-01A	OV	4.039727935	2.985845811	0.211581685
TCGA-CJ-4881-01A	KIRC3	2.49774886	2.509674616	0.028064765
TCGA-ZF-AA51-01A	BLCA	3.627166034	3.765070725	1.145408306
TCGA-XF-AAME-01A	BLCA	3.908618991	2.952886719	0.051639235
TCGA-CJ-5675-01A	KIRC2	1.39996633	1.525209308	0
TCGA-EJ-5509-01A	PRAD	2.4720268	1.661001222	0.014945401
TCGA-YH-A8SY-01A	PAAD	3.227960565	2.715056214	0.067303987
TCGA-BH-A0AV-01A	BRCA	2.708645896	2.901861809	0.065369101

TCGA-AA-3666-01A	COAD	3.731928781	4.232454322	0.350934203
TCGA-2G-AAKH-01A	TGCT	5.83763423	4.632345082	1.456577862
TCGA-2G-AAGG-01A	TGCT	4.163499564	3.787309333	0.752713181
TCGA-DD-A4NV-01A	LIHC	2.228678094	2.217905738	0.026408612
TCGA-CG-4443-01A	STAD	3.80177616	2.814406866	0.031422414
TCGA-EL-A3H7-01A	THCA	2.621131858	2.47792715	0.003963291
TCGA-ET-A25P-01A	THCA	2.561939631	2.900906262	0
TCGA-AA-A00W-01A	COAD	4.036126433	4.370708517	0.379647544
TCGA-HC-7211-01A	PRAD	2.391802143	1.544350531	0.016750059
TCGA-75-7027-01A	LUAD	3.965569186	3.009307574	0.325299797
TCGA-BB-8596-01A	HNSC	3.297974686	2.945661154	0.622027249
TCGA-QR-A70A-01A	PCPG	4.141516962	2.282954503	0
TCGA-23-1027-01A	OV	3.811968072	4.501914808	0.464630468
TCGA-GI-A2C8-01A	BRCA	2.474377843	1.037712646	0
TCGA-25-2396-01A	OV	3.86543218	4.476171388	0.060211307
TCGA-XE-AAOJ-01A	TGCT	5.229088436	3.945004372	0.294373803
TCGA-N8-A4PM-01A	UCS	5.403216381	3.548187026	1.561082145
TCGA-KK-A8IB-01A	PRAD	4.080697099	1.603488792	0.1051291
TCGA-AA-A00O-01A	COAD	3.637464356	3.274503197	0.513706482
TCGA-A2-A4S2-01A	BRCA	3.267119168	2.669129475	0.04670863
TCGA-12-0618-01A	GBM	4.929441089	4.128860193	0.547492004
TCGA-RW-A686-01A	PCPG	4.558201968	1.509506526	0
TCGA-HW-7490-01A	LGG	4.631125219	1.24792569	0
TCGA-AD-6901-01A	COAD	3.108178602	2.777120112	0.960437961
TCGA-BT-A20J-01A	BLCA	3.979892835	4.847521488	0.447548702
TCGA-MN-A4N4-01A	LUAD	4.123237048	4.226023971	0.555963213
TCGA-CZ-5460-01A	KIRC3	3.17636057	1.834988714	0.022905517
TCGA-L5-A4OS-01A	ESCA	4.253495403	4.009931433	1.025430904
TCGA-4H-AAAK-01A	BRCA	4.042328195	3.166078457	0.062680044
TCGA-AA-3561-01A	COAD	5.500720371	3.937959754	0.856825749
TCGA-AJ-A3BI-01A	UCEC	2.538240728	5.1223153	0.079297827
TCGA-HD-A634-01A	HNSC	4.92923775	6.34478495	1.806631829
TCGA-BB-4217-01A	HNSC	3.725285956	2.82359556	0.186773563
TCGA-37-4141-01A	LUSC	4.564295552	4.279143609	0.146393848
TCGA-24-2298-01A	OV	3.999096145	4.892434898	0.292688636
TCGA-CZ-4861-01A	KIRC3	3.930272891	1.604260382	0.108488913
TCGA-W2-A7HA-01B	PCPG	2.978558274	1.929946985	0.020739208
TCGA-CN-6996-01A	HNSC	3.040079348	2.87799522	0.294246747
TCGA-ZN-A9VO-01A	MESO	3.291602565	2.501508909	0.138141075
TCGA-49-4506-01A	LUAD	3.55614892	2.311171425	0.206727761
TCGA-K1-A3PO-01A	SARC	2.318626403	1.978287884	0
TCGA-B0-4718-01A	KIRC3	3.977461702	1.32478874	0.041156331
TCGA-HT-A619-01A	LGG	5.07209261	3.169406808	0.39641307
TCGA-3B-A9HV-01A	SARC	2.767326834	5.569982722	0.005271992

TCGA-ZG-A9LY-01A	PRAD	3.107456188	0.878315194	0.006058922
TCGA-77-7335-01A	LUSC	2.353728598	1.775589303	0.087577939
TCGA-FB-AAPQ-01A	PAAD	3.198118917	1.758023442	0.112694903
TCGA-DA-A960-01A	SKCM	2.434192422	4.401502731	0.489656843
TCGA-OL-A66I-01A	BRCA	4.440743718	5.043994796	0.101690947
TCGA-J4-A6G3-01A	PRAD	3.543990389	2.653088258	0.127023983
TCGA-D6-A6EO-01A	HNSC	3.820889056	2.706073676	0.841844156
TCGA-IQ-A61H-01A	HNSC	4.271291911	3.61218609	0.164044841
TCGA-ET-A2N4-01A	THCA	3.438129126	2.070342372	0
TCGA-AG-3575-01A	READ	4.811957559	3.115958829	0.206234376
TCGA-BB-A5HY-01A	HNSC	4.579293453	4.18877051	0.110877032
TCGA-E1-5305-01A	LGG	3.552916274	2.664499757	0
TCGA-05-4396-01A	LUAD	2.807250424	2.912085567	0.350041938
TCGA-06-0882-01A	GBM	2.794190746	2.435668658	0.037021241
TCGA-EB-A5UM-01A	SKCM	4.772216034	3.55303474	0.230810931
TCGA-AA-3980-01A	COAD	4.422613676	4.196898696	0.587501148
TCGA-X7-A8D8-01A	THYM	4.382502165	3.070667762	1.802334739
TCGA-2V-A95S-01A	LIHC	3.836304264	3.025263274	0.100514088
TCGA-FC-A5OB-01A	PRAD	2.869501961	1.726296689	0.006436116
TCGA-EO-A22S-01A	UCEC	4.733886669	4.220785494	1.278933888
TCGA-AW-A1PO-01A	UCEC	4.010901758	4.735445238	0.791487827
TCGA-BJ-A0ZE-01A	THCA	2.136342673	3.427900096	0
TCGA-BP-4963-01A	KIRC3	3.387120479	1.930026751	0.019717743
TCGA-2G-AAL5-01A	TGCT	5.491028222	4.482507322	0.389781473
TCGA-P5-A72U-01A	LGG	2.498912082	2.847473526	0.006002601
TCGA-2G-AAFH-01A	TGCT	4.752907774	4.984346274	0.941719477
TCGA-ZB-A969-01A	THYM	3.693967254	1.747947556	2.009278315
TCGA-DB-A4XC-01A	LGG	4.442526793	3.131566847	0
TCGA-2H-A9GM-01A	ESCA	3.689088807	3.662212966	0.20514661
TCGA-DF-A2KR-01A	UCEC	3.171034671	2.951157055	0.078945941
TCGA-QK-A8ZA-01A	HNSC	4.619661898	3.740583332	0.259036774
TCGA-B1-5398-01A	KIRP	1.240536458	1.402892126	0
TCGA-B5-A121-01A	UCEC	3.744712111	2.520427832	0.084807661
TCGA-AC-A62V-01A	BRCA	5.174512642	4.522324008	0.273768055
TCGA-EX-A69L-01A	CESC	3.794774031	4.455040534	0.031260286
TCGA-D8-A1Y0-01A	BRCA	3.607929669	4.039411431	0.198089696
TCGA-05-4418-01A	LUAD	3.93665253	2.750419071	0.172683736
TCGA-DC-5869-01A	READ	4.515538811	3.972210044	1.45517471
TCGA-WB-A817-01A	PCPG	3.130005649	2.521502692	0
TCGA-FE-A235-01A	THCA	2.364338597	2.108610112	0.004872266
TCGA-3B-A9I0-01A	SARC	3.29127791	5.477981361	0
TCGA-D8-A1XG-01A	BRCA	3.282731075	2.234709241	0.139691323
TCGA-CS-5393-01A	LGG	3.838448859	1.418418114	0
TCGA-AA-3530-01A	COAD	4.741440602	3.696037947	1.0272388

TCGA-4P-AA8J-01A	HNSC	3.951050285	2.946248931	0.383412677
TCGA-QH-A65V-01A	LGG	4.948272271	2.3119752	0.076007008
TCGA-DX-A3UB-01A	SARC	2.893820688	1.160803427	0.030211129
TCGA-VR-A8EW-01A	ESCA	3.283911901	3.78934335	0.103434704
TCGA-DK-A1AG-01A	BLCA	4.479119773	2.307191588	0.735158215
TCGA-L5-A891-01A	ESCA	4.222982255	4.348796735	0.394627694
TCGA-BR-8487-01A	STAD	3.871318739	3.062022758	0.127387136
TCGA-DJ-A2PV-01A	THCA	2.511409271	1.50842825	0
TCGA-DB-5281-01A	LGG	3.766231466	1.991862888	0.004010421
TCGA-OU-A5PI-01A	ACC	2.414766869	4.013910036	0.016579008
TCGA-BQ-5886-01A	KIRP	1.423723791	1.391892238	0.004954847
TCGA-25-1320-01A	OV	4.386687036	4.10402176	0.2561953
TCGA-BK-A56F-01A	UCEC	4.732906264	2.446952624	1.11216168
TCGA-BP-4766-01A	KIRC	2.296344082	2.428574455	0.021381415
TCGA-DX-A6YT-01A	SARC	2.762032737	5.854406897	0.007305439
TCGA-28-5220-01A	GBM	3.272459528	3.006121409	0.164401593
TCGA-91-6849-01A	LUAD	2.223547347	1.483936356	0.025802438
TCGA-ZN-A9VQ-01A	MESO	3.480760478	3.006698981	0.025129883
TCGA-D5-6922-01A	COAD	3.750114786	4.462353355	0.60892511
TCGA-CZ-4860-01A	KIRC	6.114798179	1.853869141	0.041429186
TCGA-B5-A0JX-01A	UCEC	4.095674559	3.306256516	0.181632698
TCGA-BA-4076-01A	HNSC	3.378534101	2.729101413	0.039437656
TCGA-CJ-4642-01B	KIRC	3.01504504	1.686363083	0
TCGA-AO-A128-01A	BRCA	3.479479125	3.694457424	0.19699609
TCGA-EU-5906-01A	KIRC	2.177578079	2.031583435	0.021572293
TCGA-D7-A6EY-01A	STAD	3.078471098	2.979275702	0.498024425
TCGA-CJ-4644-01A	KIRC	1.473834761	2.186415791	0.017050064
TCGA-ET-A39I-01A	THCA	1.780242533	0.583753684	0
TCGA-B0-5706-01A	KIRC	2.300887711	1.590266104	0.332420296
TCGA-K4-A3WS-01A	BLCA	4.131923772	3.777207376	1.14972259
TCGA-05-5429-01A	LUAD	3.215165262	2.487104851	0.059491968
TCGA-BR-4294-01A	STAD	2.242189275	0.979965282	0.148059043
TCGA-A8-A09X-01A	BRCA	3.233785069	3.9224904	0.249800157
TCGA-KO-8415-01A	KICH	3.243848483	3.035181337	0
TCGA-AO-A1KQ-01A	BRCA	4.550778341	4.381958622	0.034929663
TCGA-QT-A5XO-01A	PCPG	3.14439262	2.136296752	0
TCGA-OR-A5JL-01A	ACC	1.54322901	3.466107753	0
TCGA-AZ-6603-01A	COAD	3.804220654	4.356871596	0.670084422
TCGA-O2-A52N-01A	LUSC	4.548885784	4.579921889	0.218627517
TCGA-ET-A2MX-01A	THCA	3.297634962	2.842656048	0.184942608
TCGA-AA-A01V-01A	COAD	3.781643564	3.375554876	0.525444183
TCGA-CW-5587-01A	KIRC	2.241863091	0.891470645	0
TCGA-AG-3591-01A	READ	3.552636593	2.919367308	0.125252205
TCGA-XY-A9T9-01A	TGCT	4.500917337	4.434571362	0.509619297

TCGA-A7-A0DB-01A	BRCA	2.443198491	2.094925644	0.029801993
TCGA-D8-A1XF-01A	BRCA	3.422136864	4.826407893	0.133672188
TCGA-BP-4798-01A	KIRC3	2.26080554	1.845668232	0.120965526
TCGA-DD-A119-01A	LIHC	2.202049917	1.654001723	0.01703803
TCGA-C8-A1HO-01A	BRCA	3.504106808	3.588150315	0.045168423
TCGA-A7-A425-01A	BRCA	3.389982427	3.964255154	0.431116058
TCGA-BP-4338-01A	KIRC1	5.22579619	2.258886003	0.015033302
TCGA-K7-AAU7-01A	LIHC	3.776124598	2.125175652	0.287285559
TCGA-C5-A1MF-01A	CESC	3.811089325	4.950057787	0.2180121
TCGA-CM-6679-01A	COAD	3.497409333	4.019394397	0.679979875
TCGA-HC-7742-01A	PRAD	2.198389064	2.290161921	0.02622958
TCGA-BH-A18F-01A	BRCA	3.671163088	3.887827528	0.264787869
TCGA-CQ-7065-01A	HNSC	2.227736369	2.046233211	0.064448075
TCGA-98-A53J-01A	LUSC	3.993455194	3.065974813	0.145110013
TCGA-AR-A0TW-01A	BRCA	2.141888743	2.495172047	0.068139114
TCGA-DJ-A2PX-01A	THCA	3.168570873	1.493797931	0.013384483
TCGA-QF-A5YT-01A	UCEC	3.882649961	4.302031072	0.237667341
TCGA-HF-7133-01A	STAD	3.637425363	4.602950854	0.379337824
TCGA-HD-7754-01A	HNSC	3.222782929	4.315799631	0.03190029
TCGA-59-2348-01A	OV	2.875457996	3.254125297	0.26768487
TCGA-B3-3926-01A	KIRP	2.65837298	1.885470945	0
TCGA-A8-A08O-01A	BRCA	4.251709711	2.766654486	0.039410706
TCGA-MA-AA3X-01A	CESC	2.705674302	4.74569009	1.18776578
TCGA-AX-A06L-01A	UCEC	3.681394488	2.544412002	0.53794695
TCGA-09-1665-01B	OV	4.191806559	4.463496291	0.256615232
TCGA-OR-A5LJ-01A	ACC	4.762159848	4.400072794	0.012245201
TCGA-WC-A87T-01A	UVM	5.161432567	1.656849883	0.01153105
TCGA-FD-A3SL-01A	BLCA	2.236027958	3.82753066	0.062323626
TCGA-MP-A4TH-01A	LUAD	3.625987645	2.040861057	0.03777504
TCGA-QT-A7U0-01A	PCPG	3.138502579	2.248605405	0.004958215
TCGA-E7-A4XJ-01A	BLCA	4.863538138	2.940196808	0.199744691
TCGA-DM-A1D4-01A	COAD	4.934269231	4.363255538	1.132520027
TCGA-BH-A0BJ-01A	BRCA	2.283921926	2.025589636	0.016327835
TCGA-DU-7309-01A	LGG	3.474816872	2.129761854	0.01721735
TCGA-CC-A7IH-01A	LIHC	1.521123791	2.27486342	0.053603181
TCGA-QT-A5XM-01A	PCPG	2.900011757	2.407688588	0
TCGA-39-5019-01A	LUSC	3.981484916	3.509606565	0.055298262
TCGA-V1-A8MM-01A	PRAD	4.489922719	1.616997491	0.031988367
TCGA-CN-6023-01A	HNSC	3.686602261	3.392581532	0.132679258
TCGA-J4-A67K-01A	PRAD	4.202198966	1.25179583	0.115925196
TCGA-GN-A4U5-01A	SKCM	3.270435368	2.819805234	0.144103314
TCGA-HZ-7924-01A	PAAD	3.228640114	2.38503075	0.107749667
TCGA-D8-A1JG-01B	BRCA	2.772155946	3.97117377	0.034032815
TCGA-DS-A0VN-01A	CESC	4.242948301	4.147252557	0.540844219

TCGA-AY-5543-01A	COAD	4.042800136	3.659542727	0.278664739
TCGA-B5-A11I-01A	UCEC	3.939627011	4.165221317	0.462202004
TCGA-A7-A4SA-01A	BRCA	3.725001599	4.121501444	0.02448797
TCGA-BB-A6UO-01A	HNSC	2.906408381	2.754904416	0.014966409
TCGA-EM-A4FQ-01A	THCA	3.134381877	2.844897117	0.008128916
TCGA-LB-A9Q5-01A	PAAD	1.933256611	1.374418634	0
TCGA-OR-A5LC-01A	ACC	3.427601583	4.82529158	0.348412721
TCGA-XF-A9SH-01A	BLCA	3.766480567	1.615840368	0.078045476
TCGA-W4-A7U4-01A	TGCT	5.483746842	4.533364187	2.311840592
TCGA-A5-A7WJ-01A	UCEC	3.819585029	3.740753275	0.845991801
TCGA-AR-A0TS-01A	BRCA	3.486797027	4.414209879	0.020199652
TCGA-E9-A1NG-01A	BRCA	2.391131654	1.44024627	0.024464895
TCGA-AA-A010-01A	COAD	4.794512066	4.375890131	1.228548795
TCGA-JY-A93D-01A	ESCA	3.637222446	2.468871049	0.249447987
TCGA-DX-A3UD-01A	SARC	3.784806906	6.381167026	0
TCGA-L5-A4OO-01A	ESCA	3.002277045	3.37414842	0.074581522
TCGA-06-0750-01A	GBM	3.372319115	2.428815599	0.24018132
TCGA-73-4668-01A	LUAD	2.610393083	3.097427095	0.25749833
TCGA-56-8628-01A	LUSC	3.747691368	2.66635957	0.633000152
TCGA-RD-A8MW-01A	STAD	3.298550068	3.146580701	0.040936242
TCGA-A1-A0SB-01A	BRCA	3.704391224	2.317331549	0.091126774
TCGA-4A-A93X-01A	KIRP	3.284301032	1.523624638	0.036732311
TCGA-BR-4370-01A	STAD	3.440481479	2.230604676	0.048973911
TCGA-DX-A3UA-01A	SARC	2.875554928	3.993680969	0.008677054
TCGA-MT-A51X-01A	HNSC	3.708094854	2.442160299	0.320152193
TCGA-2Z-A9J9-01A	KIRP	4.434432023	1.560273319	0
TCGA-CI-6621-01A	READ	4.033227413	4.330426501	0.681427422
TCGA-49-4501-01A	LUAD	2.309216489	1.578407843	0.017591042
TCGA-P5-A72X-01A	LGG	3.622843385	1.715077881	0
TCGA-BJ-A0ZB-01A	THCA	2.855106093	2.673544713	0.084038094
TCGA-CZ-5453-01A	KIRC	3.309763787	1.804916218	0.004329295
TCGA-85-8276-01A	LUSC	4.028550475	4.089682823	0.486884869
TCGA-D8-A27G-01A	BRCA	2.092773971	2.858719615	0.044359216
TCGA-CC-A3MC-01A	LIHC	1.929451293	4.155665101	0.081733021
TCGA-XE-AANR-01A	TGCT	4.714895681	4.568188057	1.171304641
TCGA-EJ-5515-01A	PRAD	2.326161485	1.030780058	0.052261398
TCGA-BS-A0V4-01A	UCEC	2.321845446	2.634341081	0.172556435
TCGA-RT-A6YC-01A	PCPG	3.783268938	1.355626663	0
TCGA-55-1596-01A	LUAD	2.954910765	4.737566317	0.893987938
TCGA-VQ-A8PC-01A	STAD	3.253688026	2.914709718	0.285830435
TCGA-BL-A0C8-01B	BLCA	3.584953648	2.71957975	0.186121094
TCGA-4Z-AA7W-01A	BLCA	4.097205836	4.957163457	0.925290287
TCGA-06-0211-01B	GBM	3.994003404	4.084579573	0.583575271
TCGA-C5-A902-01A	CESC	4.43383802	5.305748591	0.263404981

TCGA-HW-7495-01A	LGG	4.00391637	2.038324235	0.088135136
TCGA-FC-A800-01A	PRAD	3.662520326	1.752335239	0.006822513
TCGA-G7-A4TM-01A	KIRP	3.556630947	1.754268191	0
TCGA-E6-A8L9-01A	UCEC	4.134177098	3.561760724	2.020034664
TCGA-C8-A1HF-01A	BRCA	3.997874716	4.104530042	0.120907934
TCGA-69-7761-01A	LUAD	3.212287281	2.621963815	0.022694321
TCGA-FG-6692-01A	LGG	3.779562518	3.40549481	0.417263785
TCGA-EY-A1GL-01A	UCEC	2.613412375	1.948191542	0
TCGA-B5-A11V-01A	UCEC	4.45484444	3.042226286	0.53369117
TCGA-ET-A25N-01A	THCA	1.60798854	1.220978151	0
TCGA-4L-AA1F-01A	PRAD	3.063052361	1.798518116	0.017058166
TCGA-CR-7382-01A	HNSC	2.772656832	2.73989812	0.134461749
TCGA-EJ-7791-01A	PRAD	2.373035318	1.649099891	0.009953285
TCGA-HD-8314-01A	HNSC	3.429801469	5.009889167	0.139256113
TCGA-B2-3924-01B	KIRC	3.648526461	1.152914373	0.064988637
TCGA-DX-A1KW-01A	SARC	1.288937187	4.885646143	0.500339189
TCGA-91-6828-01A	LUAD	3.138425859	2.462407193	0.062781279
TCGA-C5-A7CL-01A	CESC	4.308414057	4.161755079	0.199288831
TCGA-B6-A0I8-01A	BRCA	3.68179507	2.934257157	0.125237336
TCGA-G8-6906-01A	DLBC	4.034230527	4.388533589	0.71598657
TCGA-E7-A6ME-01A	BLCA	3.507330715	5.072988025	0.890453238
TCGA-IB-7888-01A	PAAD	2.106296396	1.660073402	0.030961827
TCGA-4Z-AA7N-01A	BLCA	4.100912633	2.542664755	0.203955776
TCGA-BJ-A2P4-01A	THCA	2.741076425	3.143034216	0.006336664
TCGA-K1-A3PN-01A	SARC	3.165112836	5.163768497	0
TCGA-61-2102-01A	OV	3.3834536	4.111977954	0.094031414
TCGA-F4-6570-01A	COAD	3.248249386	3.551258582	1.216300964
TCGA-V1-A9ZI-01A	PRAD	4.225647487	1.588303875	0.088885243
TCGA-VS-A8QH-01A	CESC	4.376049845	3.756195316	0.562600052
TCGA-95-8039-01A	LUAD	3.119287598	3.2775708	0.029121285
TCGA-AK-3434-01A	KIRC	3.360555535	2.238691431	0.007538418
TCGA-N5-A4RO-01A	UCS	4.711185279	3.422171443	0.989026925
TCGA-33-AASJ-01A	LUSC	5.327544109	5.363634971	0.676303192
TCGA-EB-A6QY-01A	SKCM	3.307407978	4.742794364	0.037461321
TCGA-EK-A2PM-01A	CESC	5.048892491	3.761430521	0.118475864
TCGA-E9-A24A-01A	BRCA	3.294608869	1.741507538	0.048960497
TCGA-41-3915-01A	GBM	3.646005142	3.767873303	0.152791833
TCGA-OL-A6VO-01A	BRCA	4.339499454	4.108717433	0.909116937
TCGA-CV-A45T-01A	HNSC	3.710560882	3.127433187	0.258749256
TCGA-D1-A15Z-01A	UCEC	4.080661035	2.591809581	0.263472567
TCGA-TS-A7P0-01A	MESO	4.292035343	2.815276579	0.210024291
TCGA-E3-A3E0-01A	THCA	2.795011442	2.41554107	0
TCGA-22-4591-01A	LUSC	4.577758244	4.219623515	0.174671136
TCGA-B9-4115-01A	KIRP	4.197578066	1.947470348	0

TCGA-B6-A0WZ-01A	BRCA	3.173676495	2.420695388	0.021466998
TCGA-A2-A259-01A	BRCA	3.794854628	1.664057374	0.054442395
TCGA-CV-6433-01A	HNSC	4.795821216	5.706341907	0.267745528
TCGA-D8-A27V-01A	BRCA	3.11593673	1.742244428	0.153528672
TCGA-J4-A67N-01A	PRAD	3.258371593	1.951243635	0.053057944
TCGA-KK-A7B0-01A	PRAD	3.57170512	1.749569628	0.012734169
TCGA-EI-7002-01A	READ	3.761939204	3.766852748	1.405026254
TCGA-V4-A9F0-01A	UVM	4.54195793	2.154949961	0.026980753
TCGA-55-A494-01A	LUAD	3.806288048	3.144061255	0.130367113
TCGA-09-2045-01A	OV	3.468581938	1.98004034	0.01002572
TCGA-AG-3902-01A	READ	4.370303396	4.3855873	0.211221919
TCGA-T2-A6X0-01A	HNSC	4.160312969	4.587535458	0.297652989
TCGA-ET-A40Q-01A	THCA	3.078853192	2.739819678	0
TCGA-55-8510-01A	LUAD	3.544001825	3.470937478	0.0741865
TCGA-WC-A881-01A	UVM	5.714298737	1.197873127	0.034491193
TCGA-D1-A163-01A	UCEC	3.232186082	3.667795224	0.272987887
TCGA-AA-3692-01A	COAD	3.958750018	3.840712322	0.865610872
TCGA-29-1774-01A	OV	4.486002084	4.455861802	0.448137057
TCGA-A6-4105-01A	COAD	4.435033351	4.849701708	1.611855941
TCGA-DJ-A2PZ-01A	THCA	2.968092845	2.373930355	0.005948983
TCGA-SX-A7SO-01A	KIRP	2.591989752	0.812393537	0.236248808
TCGA-E8-A437-01A	THCA	4.033847221	2.573645771	0
TCGA-CS-5390-01A	LGG	4.483222895	3.472133515	0.263957822
TCGA-2G-AAFY-01A	TGCT	5.623153785	4.411923849	1.536857223
TCGA-ZF-AA4W-01A	BLCA	4.16144988	3.843908312	0.172723461
TCGA-D8-A145-01A	BRCA	3.186724979	2.492648967	0.41641653
TCGA-CV-6948-01A	HNSC	5.074308764	5.116722033	0.316767438
TCGA-EJ-5521-01A	PRAD	1.685423653	1.590287139	0.048690664
TCGA-S7-A7WX-01A	PCPG	3.243223124	1.431886196	0
TCGA-H2-A421-01A	THCA	3.298590341	2.708828498	0.008228425
TCGA-B0-4846-01A	KIRC	2.793036335	1.121806335	0.005102785
TCGA-B8-5158-01A	KIRC	2.234710654	2.451881854	0.372199229
TCGA-83-5908-01A	LUAD	3.692944048	4.103557514	0.233099927
TCGA-EK-A2RK-01A	CESC	4.009875689	3.723167584	0.126766226
TCGA-AJ-A3BF-01A	UCEC	4.526743154	3.850313124	1.471446236
TCGA-AA-3685-01A	COAD	4.610430122	4.640462871	1.08828682
TCGA-HC-A6HY-01A	PRAD	3.919522319	1.755893791	0.056978278
TCGA-C5-A7UE-01A	CESC	5.361089314	5.189196152	0.618154813
TCGA-Y8-A894-01A	KIRP	2.878510473	2.851651035	0.013176387
TCGA-D6-A6EN-01A	HNSC	4.036340534	3.907649214	0.185576928
TCGA-63-A5MU-01A	LUSC	4.982058177	3.811904673	0.496129164
TCGA-05-4415-01A	LUAD	3.597972686	2.687771153	1.284082438
TCGA-25-1326-01A	OV	3.263445467	4.390665305	0.155728815
TCGA-A8-A06T-01A	BRCA	3.493939963	3.34457356	0.028850112

TCGA-CR-6484-01A	HNSC	2.795879476	3.010643295	0.329112129
TCGA-DY-A1DC-01A	READ	3.901055836	4.212252635	0.3909804
TCGA-KN-8435-01A	KICH	3.830629762	3.440692113	2.712063101
TCGA-D1-A15X-01A	UCEC	3.346389107	3.812896493	0.293221374
TCGA-UT-A88D-01B	MESO	3.810300956	2.840876431	0.102695233
TCGA-E9-A22G-01A	BRCA	5.618510008	4.949441251	0.86086866
TCGA-BR-8373-01A	STAD	2.643316658	3.329445852	0.356525893
TCGA-BH-A1FH-01A	BRCA	2.390586804	1.114298215	0.004332967
TCGA-PD-A5DF-01A	LIHC	2.229839904	4.239714851	0.19391718
TCGA-BC-A69H-01A	LIHC	3.166731303	4.07458416	1.59961634
TCGA-ER-A194-01A	SKCM	1.92174865	3.980090746	0.249874016
TCGA-CV-7438-01A	HNSC	2.757369777	3.160220791	0.188088174
TCGA-BP-4762-01A	KIRC3	0.022202374	1.714347427	0
TCGA-60-2698-01A	LUSC	3.557084136	2.781918789	0.111652909
TCGA-E8-A417-01A	THCA	3.948559859	1.647919119	0
TCGA-CV-7242-01A	HNSC	3.65441416	2.745842558	0.069047274
TCGA-AG-3580-01A	READ	4.318539793	3.618417363	0.405251487
TCGA-DK-A3IM-01A	BLCA	4.183905521	4.01121821	0.252119912
TCGA-D8-A1XD-01A	BRCA	3.747434171	2.10222172	0.006558133
TCGA-MS-A51U-01A	BRCA	3.608954529	1.59162344	0.015288917
TCGA-EO-A3L0-01A	UCEC	4.004025716	4.883312652	1.382718564
TCGA-OL-A5D6-01A	BRCA	2.720653871	2.345102735	0.019066906
TCGA-J4-AATZ-01A	PRAD	2.738977288	1.711384792	0.057408997
TCGA-34-5928-01A	LUSC	2.671348744	2.167765429	0.044934022
TCGA-TQ-A7RS-01A	LGG	5.002298436	1.841992603	0.168526067
TCGA-64-5815-01A	LUAD	1.83265129	2.516142806	0.010193323
TCGA-XE-AAOC-01A	TGCT	4.053387147	3.573052062	0.115046643
TCGA-68-8251-01A	LUSC	4.292987466	3.761287373	0.394609405
TCGA-KK-A8IF-01A	PRAD	4.573652832	1.661747369	0.026764222
TCGA-D1-A17A-01A	UCEC	3.062880082	2.133470073	0.012870165
TCGA-R5-A7ZI-01A	STAD	4.287560391	4.043281961	0.326332932
TCGA-BP-4354-01A	KIRC3	0.957116308	2.340657124	0.028820344
TCGA-NJ-A4YP-01A	LUAD	4.118401757	3.46799674	0.147472896
TCGA-AK-3436-01A	KIRC3	0.616205944	1.762034359	0.022368561
TCGA-ET-A39M-01A	THCA	3.217119079	1.963091822	0.012975054
TCGA-C5-A8ZZ-01A	CESC	4.625999579	4.340496417	0.487456495
TCGA-86-8076-01A	LUAD	3.365811033	1.399780498	0.062203668
TCGA-CZ-5987-01A	KIRC2	1.45849271	2.181009666	0.104556397
TCGA-D6-A6EP-01A	HNSC	3.570585301	4.156970556	0.046670936
TCGA-VD-A8K8-01A	UVM	3.724462566	2.430007933	0.042879116
TCGA-77-8146-01A	LUSC	4.330880832	3.023463792	0.574571568
TCGA-L5-A88V-01A	ESCA	3.256064695	4.822383291	0.438026949
TCGA-HZ-8638-01A	PAAD	3.125359126	2.548944502	0.088587064
TCGA-B5-A0KB-01B	UCEC	3.757528677	4.293993101	0.041214831

TCGA-QQ-A5V9-01A	SARC	3.204619611	3.211672734	2.100477503
TCGA-CH-5743-01A	PRAD	3.119673862	0.953633131	0.010003707
TCGA-51-6867-01A	LUSC	2.523518546	3.29224737	0.13170382
TCGA-IB-AAUU-01A	PAAD	3.308456519	2.306934794	0.048496762
TCGA-E6-A2P9-01A	UCEC	4.28860499	2.741590556	0.756130337
TCGA-B6-A0IO-01A	BRCA	3.664918482	2.203055979	0.02263545
TCGA-BB-A5HU-01A	HNSC	3.567923159	2.825318457	0.092834671
TCGA-NK-A5D1-01A	LUSC	5.128795148	5.100100272	1.541603477
TCGA-YL-A9WH-01A	PRAD	4.430030815	3.50627293	0.108418198
TCGA-EL-A3GY-01A	THCA	2.389982543	1.968224199	0.007070398
TCGA-CQ-5330-01A	HNSC	3.125873375	3.458277211	0.254733716
TCGA-2J-AABK-01A	PAAD	4.019294016	2.041418698	0.083963164
TCGA-AP-A1DH-01A	UCEC	4.226844278	4.335130575	1.204329798
TCGA-AC-A2QI-01A	BRCA	2.179945567	1.837261385	0.01033958
TCGA-BT-A20O-01A	BLCA	3.747589455	3.778726025	0.879927738
TCGA-DX-A8BJ-01A	SARC	4.093692188	3.47645522	0
TCGA-CD-5798-01A	STAD	1.406426714	2.235457561	0.005199989
TCGA-EL-A4K4-01A	THCA	2.667576944	2.900379227	0
TCGA-62-8397-01A	LUAD	2.420517676	2.334356328	0.032916504
TCGA-HC-7213-01A	PRAD	3.235863394	3.150179399	0.025944746
TCGA-A2-A25D-01A	BRCA	4.403595055	3.277153163	0.024140417
TCGA-55-A492-01A	LUAD	2.338026492	2.103526423	0.044234659
TCGA-27-2523-01A	GBM	3.818476986	4.200645883	0.262632627
TCGA-B2-4101-01A	KIRC3	9.949803959	1.366017792	0.011706009
TCGA-DW-7842-01A	KIRP	3.024038172	1.445829004	0.004775155
TCGA-2Z-A9J5-01A	KIRP	2.77662286	1.159003552	0.009809353
TCGA-AN-A0FS-01A	BRCA	2.653076623	2.414481528	0.007485155
TCGA-CV-6936-01A	HNSC	3.599209598	4.324431131	0.145564959
TCGA-IQ-A61O-01A	HNSC	2.475907208	2.534028673	0.010716615
TCGA-GV-A3QK-01B	BLCA	3.845714644	3.004813909	0.093578745
TCGA-QC-AA9N-01A	SARC	3.071886097	5.095812564	0
TCGA-OR-A5L8-01A	ACC	3.800502977	1.960105765	0.005772415
TCGA-FD-A5BR-01A	BLCA	4.563206495	3.29504464	0.926624539
TCGA-AG-3600-01A	READ	4.179759288	4.269033491	0.168683197
TCGA-GU-A42P-01A	BLCA	4.632312926	4.144127281	0.663171162
TCGA-P5-A77W-01A	LGG	5.25219739	2.21896277	0.571963266
TCGA-D1-A17U-01A	UCEC	3.107199787	2.249765422	0.346599495
TCGA-GV-A3QG-01A	BLCA	3.939122161	3.584463188	0.442698978
TCGA-HT-A614-01A	LGG	4.261836617	2.588673291	0
TCGA-92-8064-01A	LUSC	4.277041648	3.337596199	0.821365826
TCGA-ZP-A9D1-01A	LIHC	2.390818461	2.671807871	0.122417963
TCGA-AC-A23G-01A	BRCA	2.444695068	1.984899002	0.009773165
TCGA-P3-A5QA-01A	HNSC	3.919479701	3.39389917	0.217344799
TCGA-77-7141-01A	LUSC	4.405839456	3.4260792	0.603414155

TCGA-SS-A7HO-01A	COAD	4.710862767	4.227403391	2.427242677
TCGA-23-1021-01B	OV	4.441691078	2.567588395	0.458748406
TCGA-PJ-A5Z9-01A	KIRP	2.645988625	1.069405941	0
TCGA-DU-A5TP-01A	LGG	5.212550476	2.397394814	0
TCGA-50-5933-01A	LUAD	2.486070402	3.464490709	0.04564712
TCGA-77-7463-01A	LUSC	4.449368126	3.411815446	0.237711086
TCGA-64-1678-01A	LUAD	6.750864236	3.832272134	0.357678075
TCGA-AC-A3EH-01A	BRCA	2.070987858	2.443987789	0.054743118
TCGA-MZ-A6I9-01A	HNSC	4.105906401	4.99928946	0.425714325
TCGA-SH-A7BH-01A	MESO	2.591070192	6.07811283	0.282374317
TCGA-A4-A5XZ-01A	KIRP	1.988045956	1.575276325	0
TCGA-AR-A0TQ-01A	BRCA	3.448770726	4.123515548	0.18574277
TCGA-CR-7379-01A	HNSC	2.03179309	2.310202257	0.024965746
TCGA-78-7633-01A	LUAD	1.927653805	3.355490511	0.040169724
TCGA-05-5428-01A	LUAD	4.937996175	2.737487064	0.028760841
TCGA-IB-AAUS-01A	PAAD	3.226691672	1.873764897	0.04982191
TCGA-J8-A3O2-01A	THCA	3.613901686	1.414719736	0.009953042
TCGA-BQ-7046-01A	KIRP	1.806365194	1.691053996	0
TCGA-AD-6964-01A	COAD	3.582574366	3.522769419	0.412408472
TCGA-18-5592-01A	LUSC	3.789045613	4.141260672	0.086543154
TCGA-CQ-6220-01A	HNSC	2.520733763	4.285459854	0.175510116
TCGA-MK-A4N9-01A	THCA	3.299462866	1.382949902	0.04585375
TCGA-BP-4775-01A	KIRC	3.406057451	3.366094513	0.019968368
TCGA-Q3-A5QY-01A	PAAD	4.182562089	2.12852102	0.253998444
TCGA-BQ-5891-01A	KIRP	2.020368135	3.061408494	0.016423947
TCGA-F4-6460-01A	COAD	3.98410711	3.892812716	0.916949385
TCGA-E1-A7YO-01A	LGG	4.778242952	1.941320107	0.097628116
TCGA-IB-AAUV-01A	PAAD	2.920687392	0.927892239	0.015267093
TCGA-23-1109-01A	OV	5.250925975	6.019765025	0.245583297
TCGA-WB-A819-01A	PCPG	3.3560934	1.987853895	0.005594563
TCGA-B0-5098-01A	KIRC	5.474828527	3.017026644	1.248785153
TCGA-DG-A2KJ-01A	CESC	3.300181759	5.609885266	0.227311623
TCGA-KR-A7K0-01A	LIHC	2.511311509	1.023488976	0.012973353
TCGA-C8-A137-01A	BRCA	4.249605925	3.347070423	0.05003135
TCGA-HD-8224-01A	HNSC	3.526363563	3.170879741	0.01726934
TCGA-XF-A9SI-01A	BLCA	4.04301377	4.498132135	1.329363327
TCGA-34-8454-01A	LUSC	3.898710696	3.391636944	0.049090783
TCGA-B5-A0K1-01A	UCEC	4.126329628	3.415414364	0.493318524
TCGA-D8-A1XS-01A	BRCA	3.574280271	3.861284599	0.012714572
TCGA-CZ-5462-01A	KIRC	2.172423784	0.649900367	0.004274159
TCGA-J2-A4AE-01A	LUAD	3.957727062	4.241001912	0.367239516
TCGA-WC-AA9A-01A	UVM	5.703164385	2.219503526	0.104935868
TCGA-DS-A5RQ-01A	CESC	3.503141806	4.196408568	0.095191792
TCGA-HT-A617-01A	LGG	3.234553615	2.117112382	0.006697767

TCGA-FB-A5VM-01A	PAAD	3.624102984	3.597028582	0.146212131
TCGA-CV-7254-01A	HNSC	3.091324201	3.351224189	0.187651505
TCGA-B2-A4SR-01A	KIRC4	2.32396915	1.710741995	0.097098032
TCGA-44-2668-01B	LUAD	4.401262432	2.552058462	0.03870927
TCGA-23-1023-01A	OV	2.71310827	3.830082248	0.138326371
TCGA-CG-4462-01A	STAD	2.531672951	1.719540363	0.005146112
TCGA-PK-A5HB-01A	ACC	2.798765224	3.78325665	0.016690296
TCGA-UC-A7PG-01A	CESC	3.862562493	4.177169481	0.887867968
TCGA-HT-7857-01A	LGG	3.138100554	2.282398254	0
TCGA-CR-6493-01A	HNSC	3.087279519	3.10509679	0.23147287
TCGA-ZH-A8Y5-01A	CHOL	3.89587051	3.461356662	0.014183097
TCGA-AP-A05A-01A	UCEC	4.123371728	3.651821936	0.171602458
TCGA-E8-A419-01A	THCA	3.295841006	2.68200985	0.014640972
TCGA-EJ-A65M-01A	PRAD	3.598300949	2.492867216	0.018673782
TCGA-EM-A4FF-01A	THCA	2.917960129	3.003306833	0
TCGA-DH-A66B-01A	LGG	3.91697065	2.08554081	0
TCGA-HC-A76X-01A	PRAD	3.512670511	1.894036706	0.217516226
TCGA-ZG-A8QY-01A	PRAD	3.272431297	2.490539703	0.066322373
TCGA-DM-A28C-01A	COAD	2.960115152	2.963828406	0.358582003
TCGA-IG-A3QL-01A	ESCA	4.118320297	3.399576486	0.087720641
TCGA-86-7955-01A	LUAD	3.676989149	6.071173698	0.367339464
TCGA-DI-A1BY-01A	UCEC	4.335197384	2.750656726	0.986863188
TCGA-E9-A1NA-01A	BRCA	4.262834576	3.213716499	0.093485838
TCGA-BJ-A0Z5-01A	THCA	3.345947238	3.388224379	0.00559739
TCGA-ET-A3BX-01A	THCA	2.607460891	3.013840225	0
TCGA-B3-A6W5-01A	KIRP	2.545020113	2.532833074	0
TCGA-FP-8210-01A	STAD	2.580358018	1.738166466	0.138905981
TCGA-CR-7386-01A	HNSC	1.057880884	1.569170198	0.012458545
TCGA-44-8119-01A	LUAD	4.297481049	4.681871172	0.529107361
TCGA-ZB-A96B-01A	THYM	5.251141305	4.431063075	2.523358416
TCGA-BH-A28O-01A	BRCA	4.051120097	1.83047018	0.048752584
TCGA-G9-A9S4-01A	PRAD	4.226582119	2.402943589	0.216253437
TCGA-RW-A688-01A	PCPG	3.574643942	1.859083182	0
TCGA-B2-4098-01A	KIRC3	1.95166171	0.956261007	0.015243572
TCGA-D7-6815-01A	STAD	2.846361688	3.434965038	0.269722952
TCGA-N9-A4Q7-01A	UCS	5.389905939	3.829781674	2.011925626
TCGA-OR-A5J9-01A	ACC	2.689574387	3.552241865	0.256027719
TCGA-DU-6393-01A	LGG	4.999211623	3.458211252	0.379420001
TCGA-BR-8382-01A	STAD	2.996187542	2.88219243	0.228489819
TCGA-KN-8423-01A	KICH	2.664841442	1.841244986	0.00399607
TCGA-ZB-A96P-01A	THYM	4.904187878	4.145104428	2.940658442
TCGA-CU-A5W6-01A	BLCA	3.567851876	3.203403721	0.078140601
TCGA-TM-A7CA-01A	LGG	4.73338028	2.452646852	0.020644453
TCGA-XN-A8T5-01A	PAAD	3.269748489	2.065638406	0.041779246

TCGA-BH-A0BD-01A	BRCA	2.00116008	3.161848896	0.127494831
TCGA-A3-A8OV-01A	KIRC3	906498497	2.171795983	0.128655594
TCGA-A5-A2K7-01A	UCEC	4.643838283	4.469118956	0.370371042
TCGA-FG-A6J3-01A	LGG	4.03836663	3.724675829	0
TCGA-SP-A6QG-01A	PCPG	4.44278778	2.209245583	0
TCGA-DK-A1AD-01A	BLCA	3.892013088	2.344075344	1.123619309
TCGA-A2-A0SY-01A	BRCA	2.649805292	2.124813841	0.097236168
TCGA-NA-A4QY-01A	UCS	3.81115594	3.878691377	0.562279388
TCGA-CR-7391-01A	HNSC	1.78907946	1.760669704	0.075623453
TCGA-AK-3443-01A	KIRC2	583018377	1.803189271	0
TCGA-RT-A6Y9-01A	PCPG	2.900214543	2.203963975	0.04889031
TCGA-FY-A3YR-01A	THCA	2.651783739	1.906900876	0
TCGA-HT-8105-01A	LGG	5.548319214	1.60201948	0.204457781
TCGA-B0-5713-01A	KIRC1	948271801	1.666020999	0.07168576
TCGA-E2-A576-01A	BRCA	4.533457487	5.20847906	0.176273885
TCGA-BS-A0VI-01A	UCEC	3.217044524	2.643954189	0.154529139
TCGA-X7-A8DB-01A	THYM	5.261875496	4.612817436	2.689299174
TCGA-QR-A70X-01A	PCPG	2.80949335	1.976418929	0
TCGA-AN-A0XL-01A	BRCA	3.775195894	3.070918275	0.071034486
TCGA-66-2794-01A	LUSC	4.219204586	3.333615489	0.152227219
TCGA-EJ-A8FO-01A	PRAD	3.043333297	1.59319067	0.032506229
TCGA-BB-8601-01A	HNSC	4.664896176	2.937042163	0.164466757
TCGA-56-8625-01A	LUSC	3.376661097	4.45808276	0.15460067
TCGA-13-0726-01A	OV	3.734721314	3.466203598	0.041957924
TCGA-49-6745-01A	LUAD	2.238039398	2.786422306	0.014261203
TCGA-DH-A7US-01A	LGG	4.505104496	2.731383264	0.402928547
TCGA-E8-A416-01A	THCA	3.470203663	0.935836333	0.004429424
TCGA-TQ-A7RW-01A	LGG	4.788151323	2.329602099	0.007462931
TCGA-G3-A3CK-01A	LIHC	1.361150567	1.463281882	1.609296802
TCGA-FB-A78T-01A	PAAD	3.582382895	2.122324133	0
TCGA-FI-A2CY-01A	UCEC	5.032518126	3.900903754	0.010537092
TCGA-P5-A730-01A	LGG	4.603895803	2.627134243	0.180761689
TCGA-UZ-A9PP-01A	KIRP	2.865784241	2.400136089	0
TCGA-91-7771-01A	LUAD	3.23636612	2.170432489	0.153981124
TCGA-BH-A18G-01A	BRCA	3.502073306	3.112621589	0.031278934
TCGA-AA-3952-01A	COAD	3.17851273	4.461392099	0.096482668
TCGA-A3-3311-01A	KIRC2	520275991	1.454719544	0.009362645
TCGA-WB-A80O-01A	PCPG	2.950532578	0.66738666	0
TCGA-XF-A8HH-01A	BLCA	4.314942461	3.182270696	0.044235607
TCGA-50-6590-01A	LUAD	3.477752622	3.690399375	0.378331583
TCGA-B0-5698-01A	KIRC2	725880738	1.570567615	0
TCGA-ZB-A96D-01A	THYM	4.867296417	3.53374216	2.151733023
TCGA-NK-A5CX-01A	LUSC	4.412923934	3.075806729	0.077605423
TCGA-33-4587-01A	LUSC	4.074079283	4.826836662	0.227062189

TCGA-A6-3809-01A	COAD	4.905159791	2.999891417	0.410613099
TCGA-CK-5915-01A	COAD	3.936218843	3.736973348	0.243065186
TCGA-21-1077-01A	LUSC	3.990652702	3.221892679	0.114141099
TCGA-AC-A3TM-01A	BRCA	3.765046999	3.792587586	0.320942217
TCGA-A4-A57E-01A	KIRP	3.999901607	3.084189447	0.430128825
TCGA-D5-6537-01A	COAD	3.813079673	4.44077002	0.172012728
TCGA-FG-6689-01A	LGG	3.802527775	1.352038598	0
TCGA-B5-A1N2-01A	UCEC	5.030836506	4.897165432	0.195892246
TCGA-A8-A06Q-01A	BRCA	3.162544306	2.838252569	0.04538038
TCGA-BP-5191-01A	KIRC	2.558406902	1.223877405	0.012099556
TCGA-29-1763-01A	OV	4.07018489	4.379063802	0.828156743
TCGA-VW-A7QS-01A	LGG	5.847776499	2.000444274	0.180480337
TCGA-DJ-A4UR-01A	THCA	2.935383666	2.44730178	0
TCGA-FY-A3W9-01A	THCA	3.106980057	1.339023051	0.033169544
TCGA-FY-A3ON-01A	THCA	3.62867631	2.689892701	0
TCGA-AY-A8YK-01A	COAD	4.150169119	4.712327887	1.823149069
TCGA-JV-A5VF-01A	SARC	3.886309382	4.800516224	0.06387603
TCGA-43-6647-01A	LUSC	2.661195014	2.519712192	0.401121146
TCGA-ZS-A9CG-01A	LIHC	1.942939766	1.300944274	0.006383621
TCGA-55-7283-01A	LUAD	2.24969108	2.414674708	0.01362791
TCGA-B3-4104-01A	KIRP	4.669769137	2.311299417	0.212555165
TCGA-CN-5367-01A	HNSC	2.320104408	3.434282542	0.014194304
TCGA-CS-4942-01A	LGG	2.80536065	2.396794132	0
TCGA-78-7537-01A	LUAD	2.76616234	1.903732974	0.026401573
TCGA-EI-6508-01A	READ	4.253973781	4.473046448	1.006630619
TCGA-D9-A4Z3-01A	SKCM	5.833619085	3.341769071	0.651175768
TCGA-EL-A3T7-01A	THCA	2.517001422	1.862017267	0
TCGA-A2-A0T6-01A	BRCA	2.435729142	1.136976699	0
TCGA-CQ-6224-01A	HNSC	1.791162998	2.377335765	0.039200083
TCGA-96-7545-01A	LUSC	3.267634327	2.026183427	0.113499904
TCGA-KD-A5QT-01A	SARC	3.519539965	4.367043393	0
TCGA-B0-5077-01A	KIRC	3.259423597	2.339382245	0.230395905
TCGA-XS-A8TJ-01A	CESC	4.110814734	4.029748903	0.684538404
TCGA-AX-A1C7-01A	UCEC	2.30004127	5.434202203	0.057439155
TCGA-FK-A3SB-01A	THCA	2.599047157	1.878061428	0
TCGA-A7-A3J1-01A	BRCA	3.611207641	2.726344402	0.132505593
TCGA-CQ-6229-01A	HNSC	3.377978711	2.953319506	0.167097109
TCGA-CJ-5678-01A	KIRC	3.943789342	1.763553679	0
TCGA-XU-A936-01A	THYM	4.317853575	3.029605497	0.502005311
TCGA-60-2720-01A	LUSC	3.174707088	2.962797143	0.202160021
TCGA-WB-A81K-01A	PCPG	3.438645126	2.658155916	0.006369548
TCGA-GL-A9DC-01A	KIRP	2.679473997	2.108046871	0.006964912
TCGA-KL-8346-01A	KICH	2.585031004	3.782589823	0.731149031
TCGA-VS-A8Q9-01A	CESC	5.569689913	5.10354132	0.198936765

TCGA-A6-2677-01A	COAD	4.510214566	3.852643516	0.61446884
TCGA-VM-A8CF-01A	LGG	4.292018762	1.523835077	0
TCGA-BQ-7051-01A	KIRP	1.92326582	1.427091796	0.124721632
TCGA-TM-A84R-01A	LGG	3.118293447	2.477998425	0.028194433
TCGA-18-3416-01A	LUSC	5.082988233	3.825539975	0.125369423
TCGA-OR-A5LO-01A	ACC	2.99726291	3.234962622	0.413939256
TCGA-XF-AAMQ-01A	BLCA	3.766847099	3.921553543	0.123947762
TCGA-DG-A2KM-01A	CESC	3.898816724	3.956675557	0.097398181
TCGA-DX-A6BB-01A	SARC	2.837837572	4.783695173	0
TCGA-ET-A2MY-01A	THCA	3.44212502	2.520252936	0
TCGA-DX-A8BX-01A	SARC	2.655257314	3.140717033	0.975816108
TCGA-13-1492-01A	OV	4.546072042	4.544447949	0.242852528
TCGA-E9-A1N6-01A	BRCA	3.108937684	3.956439953	0.05128713
TCGA-A5-A0VQ-01A	UCEC	3.829806236	2.460144755	0.160489415
TCGA-06-0878-01A	GBM	3.310520973	2.874212236	0.264050878
TCGA-CV-A6K2-01A	HNSC	3.67274283	2.532507569	0.134399293
TCGA-3L-AA1B-01A	COAD	4.298149654	3.259415433	0.794313186
TCGA-S9-A6WO-01A	LGG	4.59642419	1.645542867	0
TCGA-85-8049-01A	LUSC	2.891936657	3.042220184	0.097359788
TCGA-VQ-A8DU-01A	STAD	5.339405066	4.345400264	0.918954127
TCGA-HT-7479-01A	LGG	3.453327553	1.702871006	0
TCGA-05-4249-01A	LUAD	2.504544672	1.951607402	0.056059841
TCGA-DD-AACK-01A	LIHC	2.292392537	1.844314522	0.175519423
TCGA-XV-A9W2-01A	SKCM	3.867629153	5.19362656	0.135047061
TCGA-A8-A081-01A	BRCA	3.161064981	4.425081118	0.020151435
TCGA-A8-A08R-01A	BRCA	3.94806539	4.24860346	0.373762123
TCGA-AJ-A3NC-01A	UCEC	4.415637343	2.264633774	0.833667216
TCGA-WB-A818-01A	PCPG	3.295908245	1.580168966	0
TCGA-B8-4143-01A	KIRC	5.478202171	2.321945059	0.901188383
TCGA-BJ-A45C-01A	THCA	3.740048874	1.180684309	0
TCGA-VQ-A8PQ-01A	STAD	3.521878721	2.212304518	0.286366798
TCGA-E2-A14Q-01A	BRCA	2.863559546	2.206305291	0
TCGA-BQ-7055-01A	KIRP	2.36851519	2.225501279	0
TCGA-A2-A25F-01A	BRCA	2.978220792	2.824388321	0.05438278
TCGA-A8-A0A7-01A	BRCA	2.26031067	3.514517374	0.077989608
TCGA-A6-2679-01A	COAD	2.258455021	5.557032095	0
TCGA-AK-3426-01A	KIRC	3.327336155	3.079804282	0.206127782
TCGA-D5-6540-01A	COAD	3.986464358	4.316343868	0.803882512
TCGA-33-AAS8-01A	LUSC	4.646581382	3.884441699	0.08304678
TCGA-EL-A3TA-01A	THCA	3.249268581	1.622473572	0
TCGA-DD-AADC-01A	LIHC	3.849701445	3.936944764	1.08412448
TCGA-CQ-A4C9-01A	HNSC	4.297927938	3.541496738	0.130084886
TCGA-AR-A2LR-01A	BRCA	4.832816056	2.923641197	1.197081262
TCGA-AA-3956-01A	COAD	3.573958937	3.45176612	0.73519595

TCGA-B2-3923-01A	KIRC3	3.35401051	1.607411322	0.003764833
TCGA-2G-AALF-01A	TGCT	4.523793974	4.762247661	0.408579929
TCGA-HC-A6AO-01A	PRAD	3.463321068	2.045655346	0.11928283
TCGA-AR-A2LO-01A	BRCA	3.922895907	3.34341543	0.048267104
TCGA-KL-8336-01A	KICH	2.940127019	3.107922042	0
TCGA-96-A4JK-01A	LUSC	4.007543449	4.949955696	1.327046982
TCGA-CV-A45X-01A	HNSC	4.453474498	2.307140929	0.039913746
TCGA-J7-6720-01A	KIRP	2.025817368	1.26897874	0
TCGA-IE-A4EK-01A	SARC	2.601816021	4.034495048	0
TCGA-A6-2685-01A	COAD	2.685213648	3.801519011	0.522344084
TCGA-OL-A66O-01A	BRCA	3.829796615	4.449489095	0.839404314
TCGA-MN-A4N5-01A	LUAD	3.460803122	3.615149447	0.169024963
TCGA-HE-7129-01A	KIRP	2.103750923	1.434647744	0.224525486
TCGA-CQ-A4CE-01A	HNSC	3.983192896	2.65153796	0.205417659
TCGA-BJ-A2NA-01A	THCA	2.76142987	2.902961412	0
TCGA-BS-A0TC-01A	UCEC	2.357663084	1.938938464	0.057198424
TCGA-BJ-A0Z2-01A	THCA	3.43943702	1.972747238	0.083984693
TCGA-DX-A3UC-01A	SARC	2.650435064	6.318163734	0
TCGA-2F-A9KO-01A	BLCA	4.672213983	3.096833821	0.894685331
TCGA-J9-A52E-01A	PRAD	4.109238663	3.638295618	0.236575178
TCGA-F4-6808-01A	COAD	3.604804394	4.505231014	0.689686258
TCGA-61-2113-01A	OV	3.602280993	4.439358612	0.232529379
TCGA-D8-A1JK-01A	BRCA	2.472013602	3.893473765	0.045528933
TCGA-DD-AAE1-01A	LIHC	3.3789954	1.895047115	0.044013391
TCGA-EJ-A46E-01A	PRAD	3.46723869	1.199509527	0.024530119
TCGA-BQ-7060-01A	KIRP	1.198392305	1.507543791	0
TCGA-78-7542-01A	LUAD	4.039836548	4.112957777	0.751570507
TCGA-G4-6586-01A	COAD	4.377551784	4.1633769	0.80307497
TCGA-39-5024-01A	LUSC	4.057871986	2.745304216	0.216081442
TCGA-E9-A1R4-01A	BRCA	3.481563437	3.694233727	0.291332868
TCGA-99-8032-01A	LUAD	4.203304831	3.293123166	0.419093315
TCGA-EL-A3N3-01A	THCA	2.742529882	2.673894301	0
TCGA-AG-A01N-01A	READ	4.256060564	5.39576904	1.061377532
TCGA-AR-A1AY-01A	BRCA	4.429502719	4.060577653	0.710689902
TCGA-64-1681-01A	LUAD	2.457444155	2.443905001	0.004976003
TCGA-BH-A0E7-01A	BRCA	2.520404007	2.156234024	0.008899154
TCGA-A3-3374-01A	KIRC3	3.456746359	1.729031668	0
TCGA-AG-3592-01A	READ	4.267208011	4.922668062	0.54556581
TCGA-G2-A2ES-01A	BLCA	4.419822951	2.861571363	0.562873458
TCGA-YG-AA3N-01A	SKCM	2.432955745	4.16096992	0.206190619
TCGA-13-0920-01A	OV	4.487115808	4.881736541	0.373630151
TCGA-XM-AAZ3-01A	THYM	4.452284158	1.777040927	2.006471437
TCGA-HS-A5NA-01A	SARC	3.957068328	4.843036735	0
TCGA-HZ-A77P-01A	PAAD	3.121251501	2.250763638	0.059598308

TCGA-BR-7707-01A	STAD	3.479344279	4.381632747	0.271657594
TCGA-E2-A155-01A	BRCA	3.288251676	2.93886464	0.01216494
TCGA-B0-4694-01A	KIRC2	1.9607907	1.489833191	0.009758123
TCGA-EL-A3CO-01A	THCA	2.178952341	1.450409598	0.014929151
TCGA-S3-AA10-01A	BRCA	4.443935548	4.729470286	0.190560211
TCGA-BR-8077-01A	STAD	3.753378567	3.059798897	0.671511918
TCGA-CJ-4885-01A	KIRC1	1.574310107	1.490622951	0.018946177
TCGA-BR-A4PF-01A	STAD	3.193215198	3.719340956	1.726863314
TCGA-DD-AAE9-01A	LIHC	1.97826391	3.372731184	0.092512913
TCGA-HC-8261-01A	PRAD	3.794008397	1.759653212	0.041096758
TCGA-O2-A52W-01A	LUSC	4.249071726	3.979001425	0.493473297
TCGA-QR-A6GX-01A	PCPG	2.713270191	3.250683361	0
TCGA-ZH-A8Y1-01A	CHOL	3.453153111	2.928728859	0.050424734
TCGA-VQ-AA6G-01A	STAD	2.86044115	2.519867282	0.14636846
TCGA-JW-A5VG-01A	CESC	4.827416273	4.273603345	0.498509915
TCGA-KL-8343-01A	KICH	1.949481308	2.239566072	0
TCGA-E2-A1IE-01A	BRCA	3.25136837	3.425504273	0.022723242
TCGA-XU-A933-01A	THYM	5.281334174	3.67109703	1.144479791
TCGA-G6-A8L6-01A	KIRC4	1.674477492	1.1473574	0.08699766
TCGA-VD-A8KE-01A	UVM	4.148637487	1.422747618	0.005992108
TCGA-DU-7014-01A	LGG	4.492151362	2.119183986	0
TCGA-09-2051-01A	OV	3.566522282	5.037246647	0.582398093
TCGA-3M-AB47-01A	STAD	3.150252581	1.981262336	0.410311207
TCGA-HT-7676-01A	LGG	3.966325832	2.45300868	0
TCGA-EB-A4OZ-01A	SKCM	2.962239838	3.054947547	0.335210985
TCGA-86-8674-01A	LUAD	3.016638028	2.536899681	0.123065978
TCGA-06-5412-01A	GBM	3.242343598	3.239746478	0.017844267
TCGA-D1-A174-01A	UCEC	2.884857353	3.624743524	1.23713233
TCGA-DD-AACO-01A	LIHC	2.573887799	3.807240177	0.190858738
TCGA-3B-A9HZ-01A	SARC	2.675590791	3.836221847	0.010479218
TCGA-BF-A3DL-01A	SKCM	1.60521908	3.133083081	0.134561083
TCGA-AO-A0JM-01A	BRCA	2.625315476	3.760383477	0.023637755
TCGA-A8-A06Z-01A	BRCA	2.420630819	3.839405141	0.023548507
TCGA-EJ-5510-01A	PRAD	1.961915778	1.230286336	0.004611362
TCGA-AJ-A23N-01A	UCEC	4.480606086	4.099547661	0.157211444
TCGA-C5-A7UH-01A	CESC	4.06086105	5.159939625	0.695823534
TCGA-QG-A5YV-01A	COAD	5.208760764	4.183645494	1.840771757
TCGA-66-2734-01A	LUSC	3.555541846	2.767452764	0.200357239
TCGA-OR-A5K9-01A	ACC	3.255837616	3.90949475	0.18316285
TCGA-X7-A8D7-01A	THYM	5.004283858	4.523176261	2.495517655
TCGA-D7-6519-01A	STAD	3.939729099	3.686405474	0.096530966
TCGA-BA-6871-01A	HNSC	5.500344796	4.378056688	0.558969035
TCGA-IB-7651-01A	PAAD	2.770332036	2.278285947	0.003984719
TCGA-D8-A1X6-01A	BRCA	3.264719461	3.934040673	0.083647003

TCGA-61-1733-01A	OV	3.522956398	3.805731228	0.012341804
TCGA-L5-A4OJ-01A	ESCA	3.9118146	3.009782807	0.604470785
TCGA-KB-A93J-01A	STAD	2.823467542	3.650631609	0.535701828
TCGA-KC-A7F5-01A	PRAD	4.039318238	3.324002597	0.192729519
TCGA-V4-A9EC-01A	UVM	5.564836346	1.950154929	0.039605711
TCGA-CH-5763-01A	PRAD	2.555781237	1.101397929	0.041777748
TCGA-25-1312-01A	OV	4.459692759	4.704458393	0.292522468
TCGA-V1-A9OX-01A	PRAD	3.42681354	1.976144963	0.040539629
TCGA-DU-A76L-01A	LGG	3.448941163	3.860204789	0.233782918
TCGA-S3-AA17-01A	BRCA	5.353818752	3.405140815	0.148695575
TCGA-AJ-A8CT-01A	UCEC	3.645760466	1.555454757	0.038975847
TCGA-CN-5370-01A	HNSC	2.886438603	2.60073721	0.260128986
TCGA-WK-A8XO-01A	SARC	3.792076657	4.215561333	0.056652521
TCGA-98-A538-01A	LUSC	3.843467355	3.210598189	0.183260633
TCGA-D8-A1Y2-01A	BRCA	3.756878514	2.941525995	0.10893074
TCGA-MQ-A6BQ-01A	MESO	3.354480269	2.264425402	0.034655094
TCGA-AX-A060-01A	UCEC	1.535286896	2.899496896	0.233324928
TCGA-YY-A8LH-01A	PAAD	4.1237884	2.448012319	0.359547799
TCGA-KK-A8IH-01A	PRAD	3.845554428	1.314818345	0.15862119
TCGA-FB-AAQ6-01A	PAAD	4.339289951	2.306274841	0.234819443
TCGA-YL-A8SO-01B	PRAD	4.393705154	2.438963032	0.109194394
TCGA-KT-A7W1-01A	LGG	3.591426941	4.294158269	1.09057267
TCGA-77-8150-01A	LUSC	4.4043275	3.898239878	1.262016923
TCGA-43-7657-01A	LUSC	2.980522663	4.792160738	0.13251303
TCGA-DU-7018-01A	LGG	5.32085958	2.885979851	0.383086847
TCGA-E2-A1B0-01A	BRCA	3.368909242	3.089722663	0.159198001
TCGA-49-AARR-01A	LUAD	3.026605066	1.721931815	0.102500768
TCGA-85-A50M-01A	LUSC	2.858261527	3.74627248	0.213946453
TCGA-KS-A41F-01A	THCA	2.304531677	4.105116525	0.076159222
TCGA-ES-A2HS-01A	LIHC	1.474692027	2.765919694	0.16205176
TCGA-AC-A2FO-01A	BRCA	2.872395481	2.284479112	0.134669202
TCGA-B6-A0RG-01A	BRCA	2.638701414	2.405297617	0.028694336
TCGA-SG-A849-01A	SARC	3.757251408	4.35409291	0.016564736
TCGA-AC-A3HN-01A	BRCA	2.593002015	2.758128142	0.051331485
TCGA-DD-A4NL-01A	LIHC	1.131023124	0.299848287	0
TCGA-A7-A26J-01A	BRCA	3.359639428	3.105262568	0.067786136
TCGA-B0-4823-01A	KIRC	2.764456976	1.831370858	0.005071516
TCGA-S9-A7QZ-01A	LGG	4.795386844	2.708811714	0.199607195
TCGA-HT-A616-01A	LGG	3.965400274	1.986850423	0.01337829
TCGA-FV-A2QQ-01A	LIHC	2.766672656	1.907432861	0.168621035
TCGA-ZG-A9L4-01A	PRAD	2.361425268	2.194608498	0.015638389
TCGA-RT-A6YA-01A	PCPG	3.790760554	0.997447927	0
TCGA-95-7039-01A	LUAD	3.329978326	2.94480116	0.396051905
TCGA-46-3767-01A	LUSC	2.945869765	2.523830272	0.01362507

TCGA-AZ-6600-01A	COAD	3.925691369	3.416735548	0.340050166
TCGA-CV-5441-01A	HNSC	4.145247476	3.153113668	0.042813143
TCGA-44-6147-01B	LUAD	3.994099325	0.755449346	0.035450253
TCGA-A8-A09V-01A	BRCA	3.479264046	2.278843783	0.151301441
TCGA-58-A46K-01A	LUSC	4.487100994	3.657297838	0.246758736
TCGA-DX-A7ET-01A	SARC	2.713698315	4.969593765	0.133157461
TCGA-CV-5435-01A	HNSC	4.101146736	3.173013892	0.177601238
TCGA-HM-A3JK-01A	CESC	4.330453528	4.468547959	0.250125435
TCGA-CR-7365-01A	HNSC	1.926618645	2.575414917	0.008674555
TCGA-05-4250-01A	LUAD	3.402290868	3.988605972	0.009452207
TCGA-24-2036-01A	OV	4.485734209	4.246313933	0.418101788
TCGA-IB-A5ST-01A	PAAD	3.046452529	2.270847377	0.079838907
TCGA-85-8479-01A	LUSC	3.529514704	4.073433547	0.054190749
TCGA-55-A493-01A	LUAD	4.184749567	4.702255008	0.263415438
TCGA-EA-A3HS-01A	CESC	4.764134804	4.996456372	0.539356999
TCGA-14-0789-01A	GBM	2.660365811	1.300475391	0.150804782
TCGA-V4-A9F5-01A	UVM	4.317373158	2.044989894	0.036812882
TCGA-5U-AB0E-01A	THYM	4.247944339	3.982534837	2.196632028
TCGA-HW-A5KK-01A	LGG	2.876641174	2.367218856	0.151191398
TCGA-EW-A1P0-01A	BRCA	3.750931212	2.769806691	0.06069849
TCGA-EJ-7218-01B	PRAD	3.193625609	1.605343975	0.067497821
TCGA-MX-A666-01A	STAD	5.149968562	3.522104594	2.705217216
TCGA-EI-6885-01A	READ	3.799590194	3.84799528	0.166155949
TCGA-DF-A2KN-01A	UCEC	3.450313813	3.594048191	0.137630217
TCGA-E2-A573-01A	BRCA	3.873174381	4.938633953	0.114393158
TCGA-61-1919-01A	OV	4.285320942	4.198800178	0.068404086
TCGA-DU-A7TJ-01A	LGG	3.790325119	3.79509481	0.599885621
TCGA-09-2056-01B	OV	4.309974841	3.868498794	0.257519347
TCGA-39-5031-01A	LUSC	4.38822527	3.308013309	0.329533026
TCGA-FP-8099-01A	STAD	5.04856883	4.321088374	1.069528986
TCGA-BS-A0UV-01A	UCEC	4.739889075	5.119437229	0.553599008
TCGA-B6-A0X5-01A	BRCA	3.393765937	4.047639776	0.731773305
TCGA-BB-4228-01A	HNSC	3.835753074	5.536439081	0.594945562
TCGA-FB-AAPZ-01A	PAAD	3.401087852	2.355385976	0.010189156
TCGA-SX-A7SU-01A	KIRP	4.406471275	1.254737806	0
TCGA-61-1738-01A	OV	2.919986121	2.41852489	0.140734547
TCGA-KS-A4I1-01A	THCA	4.470393267	2.594839098	0
TCGA-EL-A4KI-01A	THCA	3.119519176	3.144375535	0.214701469
TCGA-B0-4691-01A	KIRC	3.164542773	2.069264984	0.120669566
TCGA-BC-A10R-01A	LIHC	1.455943374	1.369015104	0.023440684
TCGA-AP-A1DP-01A	UCEC	3.668115399	2.215030243	0.202624594
TCGA-EW-A1PA-01A	BRCA	3.625213047	2.474532825	0.041349877
TCGA-AX-A1CN-01A	UCEC	4.007594317	3.738115557	0.492541979
TCGA-LP-A4AV-01A	CESC	2.931813429	5.373098105	0.715849791

TCGA-KN-8430-01A	KICH	3.471521348	2.618033442	0.004948721
TCGA-EY-A210-01A	UCEC	4.879257809	4.490595723	0.863335046
TCGA-BG-A0MI-01A	UCEC	4.388872903	3.463647981	0.683793839
TCGA-Z6-A8JE-01A	ESCA	4.31007652	3.896714058	0.468210855
TCGA-FI-A2D0-01A	UCEC	4.28596923	4.74844863	0.125425614
TCGA-F5-6812-01A	READ	3.328079565	3.204122724	0.41388457
TCGA-L5-A8NV-01A	ESCA	3.664844752	3.206098415	0.662455524
TCGA-3Z-A93Z-01A	KIRC3	4.493339112	2.137347404	0
TCGA-DD-AACI-01A	LIHC	1.861059692	2.740295836	0.048430539
TCGA-WX-AA47-01A	LIHC	2.998989284	1.511797166	0.028826339
TCGA-A5-A0GJ-01A	UCEC	4.470701149	3.153751442	0.181243721
TCGA-G7-A8LD-01A	KIRP	3.943513405	3.443313262	0.061797067
TCGA-RD-A8N4-01A	STAD	2.515095753	2.034020819	0.018621922
TCGA-GF-A769-01A	SKCM	3.656699543	4.042541756	0.13082828
TCGA-EA-A3QE-01A	CESC	4.565721027	3.665046056	0.166205481
TCGA-DD-AAD8-01A	LIHC	2.499343698	3.636593545	0.13969009
TCGA-XX-A899-01A	BRCA	3.812534374	2.376456969	0.142614355
TCGA-AC-A8OP-01A	BRCA	4.872551636	2.566124604	0.030005297
TCGA-UZ-A9PJ-01A	KIRP	2.917135235	1.162260141	0
TCGA-2G-AAGA-01A	TGCT	5.617508973	4.523952963	1.213305398
TCGA-H7-8501-01A	HNSC	3.927187664	3.328201087	0.3181093
TCGA-GS-A9TQ-01A	DLBC	5.303647727	4.71523399	2.742311624
TCGA-33-4533-01A	LUSC	3.431847737	3.823480857	0.051812507
TCGA-EK-A2RB-01A	CESC	4.873478597	4.831043169	0.073313675
TCGA-24-2033-01A	OV	5.295359853	4.148984933	0.591384189
TCGA-GD-A3OS-01A	BLCA	3.664502335	3.528084825	0.173703965
TCGA-B2-5635-01A	KIRC3	3.127203277	1.561720908	0
TCGA-SX-A7SR-01A	KIRP	3.099453847	0.58355722	0.007480652
TCGA-LT-A8JT-01A	BLCA	4.239756396	2.188809733	0.127099308
TCGA-KM-8438-01A	KICH	4.032756365	2.478515444	2.057414062
TCGA-DD-AAD1-01A	LIHC	2.937896141	2.026232124	0.160290135
TCGA-AG-A01W-01A	READ	4.683390739	4.433053825	0.981726915
TCGA-VD-AA8T-01A	UVM	4.996522726	1.155352899	0.034767432
TCGA-DD-AACJ-01A	LIHC	2.184089439	0.90118008	1.404917812
TCGA-HT-7477-01B	LGG	5.629695738	5.102224674	0.006009909
TCGA-UD-AABY-01A	MESO	2.397335301	1.913024994	0.037797968
TCGA-V1-A9OY-01A	PRAD	3.791106916	1.875998808	0.013860923
TCGA-VQ-A8E7-01B	STAD	3.30391066	3.027244898	0.738318678
TCGA-DX-A8BS-01A	SARC	4.121508819	5.136687365	0
TCGA-EK-A2RJ-01A	CESC	3.812734752	4.354306711	1.372125081
TCGA-CN-6989-01A	HNSC	3.321902971	3.256473748	0.057131719
TCGA-BA-A4IF-01A	HNSC	4.025959379	3.930236319	0.382109526
TCGA-BG-A0M7-01A	UCEC	3.070306932	2.619775348	0.268369392
TCGA-PA-A5YG-01A	ACC	1.861299118	2.95236375	0

TCGA-4V-A9QX-01A	THYM	5.339328126	4.225744821	2.675318557
TCGA-NJ-A4YQ-01A	LUAD	3.924629659	3.241415176	0.239934863
TCGA-HB-A3YV-01A	SARC	2.757852535	4.792526162	0
TCGA-BH-A0B7-01A	BRCA	2.11101694	2.825137208	0.040822806
TCGA-BG-A187-01A	UCEC	3.372191579	3.284249871	0.645899084
TCGA-BP-4170-01A	KIRC2	2.3275431	1.557637812	0
TCGA-BH-A0W7-01A	BRCA	3.366201586	3.114682625	0.256393745
TCGA-BH-A28Q-01A	BRCA	4.061743906	1.517263162	0.070707313
TCGA-C5-A8YR-01A	CESC	3.786177537	6.152949236	1.203364907
TCGA-G2-A2EF-01A	BLCA	4.508988901	3.409327062	0.454602796
TCGA-FD-A5BV-01A	BLCA	4.664157423	3.895317551	0.425173368
TCGA-DS-A1OC-01A	CESC	4.433530544	3.925150991	0.171965959
TCGA-BP-5196-01A	KIRC2	2.945600725	1.761839418	0
TCGA-BC-A112-01A	LIHC	2.910193719	2.568379141	0.205789784
TCGA-EJ-5516-01A	PRAD	1.96984719	1.106801289	0
TCGA-ZZ-A9JQ-01A	KIRP	2.543199974	1.772040517	0
TCGA-24-1470-01A	OV	4.813075783	4.445962739	0.140222325
TCGA-VQ-A924-01A	STAD	4.363748814	3.494949127	0.757498102
TCGA-F7-A622-01A	HNSC	4.812304837	2.746593052	0.121653026
TCGA-22-4596-01A	LUSC	3.002187267	2.833619303	0.102913634
TCGA-PG-A916-01A	UCEC	3.983126074	1.897951776	0.076329508
TCGA-B5-A1MR-01A	UCEC	3.486020844	4.475353343	0.20418355
TCGA-UY-A8OB-01A	BLCA	2.934973896	4.462863871	0.042901881
TCGA-GM-A3NY-01A	BRCA	3.797498102	2.445079387	0.078171366
TCGA-EK-A3GJ-01A	CESC	5.247877371	4.237680513	1.317818727
TCGA-21-1082-01A	LUSC	5.174019371	5.175435113	0.310401968
TCGA-22-1016-01A	LUSC	4.57182789	3.590712736	0.257174785
TCGA-AA-3680-01A	COAD	2.957983275	2.626912697	0.195314191
TCGA-BH-A0BA-01A	BRCA	2.450892963	3.213694908	0.059728778
TCGA-OL-A5RY-01A	BRCA	3.402797024	2.942493473	0.052493859
TCGA-DJ-A2Q7-01A	THCA	2.762285208	1.76399662	0.003607566
TCGA-A8-A06X-01A	BRCA	3.498502073	3.627247937	0.067334951
TCGA-EJ-7314-01A	PRAD	1.939261664	1.302384789	0.00981312
TCGA-EX-A1H5-01A	CESC	3.588564725	4.747469381	0.191764417
TCGA-E9-A22H-01A	BRCA	3.121676061	2.700731737	0.048935814
TCGA-EJ-AB20-01A	PRAD	3.623366077	2.572544191	0
TCGA-T7-A92I-01A	KIRC2	2.974541937	2.35353163	0.009030278
TCGA-RD-A8N9-01A	STAD	3.530561975	2.646854315	0.077993639
TCGA-O2-A5IB-01A	LUSC	4.897796369	5.497474525	0.492112809
TCGA-D8-A142-01A	BRCA	3.351831835	3.857071915	0.040435413
TCGA-OL-A66N-01A	BRCA	3.356968908	2.319458049	0.022862042
TCGA-06-0187-01A	GBM	3.147250134	3.331443002	0.139947104
TCGA-P4-A5ED-01A	KIRP	3.95329505	2.55299293	0.007114635
TCGA-KN-8428-01A	KICH	4.485403479	5.49084124	0.012777659

TCGA-DU-7306-01A	LGG	3.284678039	1.191490383	0
TCGA-DJ-A3UY-01A	THCA	2.928272194	1.462000059	0
TCGA-RB-AA9M-01A	PAAD	3.164542225	2.472415489	0.01946018
TCGA-A7-A13D-01A	BRCA	3.69560876	4.464175211	0.036655603
TCGA-G4-6628-01A	COAD	4.21775308	3.594313618	0.209826138
TCGA-UF-A7JJ-01A	HNSC	3.825431431	2.573337215	0.070648968
TCGA-D6-8568-01A	HNSC	4.236807907	3.434527065	0.165390316
TCGA-IA-A83W-01A	KIRP	3.414220701	1.652442613	0.008444763
TCGA-61-2092-01A	OV	3.954307378	3.128521094	0.094473818
TCGA-E8-A3X7-01A	THCA	3.214660577	2.588725024	0
TCGA-DH-A7UR-01A	LGG	4.936022319	4.731331793	0.224689618
TCGA-05-4382-01A	LUAD	3.017001909	3.820730249	0.060508876
TCGA-CH-5766-01A	PRAD	2.983536477	1.374954219	0.321773088
TCGA-AX-A3G3-01A	UCEC	4.165261027	5.205617041	0.139548552
TCGA-3B-A9I1-01A	SARC	3.491417174	4.744270794	0
TCGA-FG-7641-01B	LGG	4.336783731	2.077297486	0.108085646
TCGA-44-2655-01A	LUAD	2.278655652	1.680286071	0.003466436
TCGA-55-8621-01A	LUAD	3.246039261	2.77215133	0.021940971
TCGA-AZ-4684-01A	COAD	3.699378593	3.691865969	0.234283843
TCGA-HC-A6AS-01A	PRAD	3.371267053	1.790964708	0.038206888
TCGA-AR-A0TT-01A	BRCA	3.745188526	3.186963403	0.082338681
TCGA-BG-A0VW-01A	UCEC	3.130057451	2.349859644	0.182739909
TCGA-A8-A08B-01A	BRCA	5.115023124	4.100811261	0.456963265
TCGA-EI-6883-01A	READ	4.153642134	4.196852718	0.839048491
TCGA-55-6985-01A	LUAD	2.252636179	2.82602741	0.107423017
TCGA-LP-A4AX-01A	CESC	4.404584375	4.421666606	0.576326097
TCGA-18-3410-01A	LUSC	4.986707681	5.00782591	3.970701372
TCGA-AC-A62Y-01A	BRCA	3.416321097	3.368749541	0.047894645
TCGA-CW-5591-01A	KIRC	1.190150575	0.785711855	0
TCGA-05-4384-01A	LUAD	2.990813007	2.480964332	0.053854932
TCGA-98-A53C-01A	LUSC	3.837143069	2.056534801	0.033470862
TCGA-DK-AA6T-01A	BLCA	4.473621004	5.257792164	1.150411017
TCGA-FY-A3R6-01A	THCA	2.232583525	2.655347519	0.008541072
TCGA-VM-A8CE-01A	LGG	4.328957004	2.065237274	0.161646142
TCGA-DW-7840-01A	KIRP	2.978223626	2.085695393	0
TCGA-18-4083-01A	LUSC	5.635650779	3.812233729	0.339784808
TCGA-DJ-A2Q6-01A	THCA	2.765594378	1.522525469	0
TCGA-C5-A2LT-01A	CESC	4.581677372	3.762628688	0.355657837
TCGA-A4-7584-01A	KIRP	2.466215922	2.249771905	0
TCGA-SN-A84Y-01A	TGCT	5.013165444	4.680956665	2.157890427
TCGA-A2-A3Y0-01A	BRCA	5.165807847	4.610869511	0.353256244
TCGA-XM-A8RD-01A	THYM	4.87703013	3.879467933	2.478753621
TCGA-A8-A0A2-01A	BRCA	3.313170292	2.478556338	0.004188212
TCGA-EO-A22Y-01A	UCEC	3.937619956	2.821271985	0.073068133

TCGA-AR-A2LK-01A	BRCA	3.013127681	4.145399976	0.192638443
TCGA-ZG-A9LS-01A	PRAD	3.489042224	1.00517295	0.057632859
TCGA-A2-A0CR-01A	BRCA	3.347714774	3.308359853	0.079921539
TCGA-A8-A094-01A	BRCA	2.959528794	3.167055138	0.064088162
TCGA-B6-A40B-01A	BRCA	3.22778877	3.168246704	0.040398787
TCGA-MP-A4TE-01A	LUAD	3.1683714	3.508367088	0.575086214
TCGA-PE-A5DD-01A	BRCA	4.04388665	3.427555075	0.152950094
TCGA-BL-A13I-01B	BLCA	4.403524238	2.894990389	1.034794012
TCGA-QR-A708-01A	PCPG	4.044921013	3.692108455	0.015350565
TCGA-EM-A2OY-01A	THCA	2.700183326	2.126319435	0
TCGA-A6-6781-01A	COAD	2.977164903	2.963283585	0.183465225
TCGA-LN-A9FO-01A	ESCA	4.690744369	3.194823436	0.650789315
TCGA-D6-A74Q-01A	HNSC	4.648998695	2.973418249	0.318121961
TCGA-CI-6620-01A	READ	4.139981513	3.954479971	0.914113384
TCGA-ZF-A9RM-01A	BLCA	4.171207566	5.342246809	0.038080058
TCGA-XX-A89A-01A	BRCA	3.507179733	3.047374273	0.185209704
TCGA-CL-5917-01A	READ	3.451741891	3.737300362	0.366776748
TCGA-FE-A234-01A	THCA	2.318047064	2.202662037	0
TCGA-D7-A4Z0-01A	STAD	2.155981625	1.903053743	0.1505163
TCGA-CV-7434-01A	HNSC	2.630087978	3.409280585	0.009086262
TCGA-K4-A5RI-01A	BLCA	3.899444933	3.400913067	1.109426079
TCGA-AX-A2H7-01A	UCEC	3.998243633	2.586385747	0.112808642
TCGA-E2-A152-01A	BRCA	1.930886946	3.068120516	0.005604885
TCGA-44-2662-01B	LUAD	4.440842978	2.076541705	1.296537042
TCGA-UY-A9PB-01A	BLCA	4.62093418	4.132575487	0.465876134
TCGA-A6-5659-01A	COAD	3.198533992	4.040353966	0.258511669
TCGA-G4-6321-01A	COAD	1.564954029	1.872901742	0.085540163
TCGA-CV-A465-01A	HNSC	3.275181036	2.906004295	0.077120058
TCGA-AG-A023-01A	READ	3.751536487	3.944173053	0.949258969
TCGA-A2-A04T-01A	BRCA	4.032426101	4.610322711	0.295695103
TCGA-CV-6436-01A	HNSC	2.227098841	2.216311167	0.131280946
TCGA-BH-A0EA-01A	BRCA	2.584151216	1.126896514	0.014626318
TCGA-CN-4734-01A	HNSC	2.196442898	2.39696996	0.117118247
TCGA-LN-A49Y-01A	ESCA	4.026794836	3.39335749	0.125101277
TCGA-S9-A6WH-01A	LGG	5.198842395	2.554801566	0.168125277
TCGA-97-8176-01A	LUAD	3.872621043	3.379047958	0.175736285
TCGA-VG-A8LO-01A	OV	5.01948004	3.675442159	0.447579809
TCGA-XY-A8S2-01A	TGCT	5.264673352	4.100618985	2.049589998
TCGA-EK-A2RL-01A	CESC	4.325487079	5.205433495	0.392241262
TCGA-55-8206-01A	LUAD	2.875098811	1.800818318	0.047677173
TCGA-E9-A1RG-01A	BRCA	4.128669434	5.142086203	0.19143037
TCGA-F6-A8O4-01A	LGG	3.708620174	2.39036218	0.009561264
TCGA-CZ-5458-01A	KIRC	2.738481548	2.380064274	0.078195147
TCGA-BG-A0VZ-01A	UCEC	4.133133236	2.829291036	1.088779079

TCGA-NH-A50V-01A	COAD	4.584989346	2.924155925	0.753499286
TCGA-AO-A0J8-01A	BRCA	2.583568968	1.59790333	0.018492852
TCGA-EW-A1J5-01A	BRCA	3.022042442	2.994935289	0.023138277
TCGA-VS-A8QC-01A	CESC	4.426050599	5.21509352	0.150100692
TCGA-B0-4852-01A	KIRC3	3.80889861	2.169486084	0.040931244
TCGA-D5-6535-01A	COAD	3.735567002	3.867260759	0.603681412
TCGA-A3-3329-01A	KIRC3	3.764429091	1.647738965	0.016760461
TCGA-44-2657-01A	LUAD	3.436417198	2.727551555	0.125167799
TCGA-2L-AAQM-01A	PAAD	3.425879359	1.314463871	0
TCGA-B6-A0X4-01A	BRCA	4.210632675	1.661261713	0.100654881
TCGA-CM-5862-01A	COAD	4.060133297	3.193510873	1.296591953
TCGA-DD-AAVP-01A	LIHC	2.88353672	1.95631048	0.120059476
TCGA-73-4670-01A	LUAD	3.796806709	3.290790295	0.067747747
TCGA-V1-A9O9-01A	PRAD	3.837600072	1.733038011	0.047759591
TCGA-BR-6455-01A	STAD	4.5121949	4.258953518	0.269235389
TCGA-MX-A663-01A	STAD	3.242836972	2.847660891	1.059965485
TCGA-EY-A1GF-01A	UCEC	4.130002103	1.762331411	0.243685925
TCGA-S7-A7WQ-01A	PCPG	2.116102278	1.543508689	0
TCGA-HC-7736-01A	PRAD	2.76470481	1.5312511	0.022516249
TCGA-CZ-5454-01A	KIRC4	4.43862366	0.814382378	0.003635934
TCGA-DX-A8BO-01A	SARC	3.967597524	3.914732846	0.016797636
TCGA-YT-A95G-01A	THYM	4.688227107	3.488588648	2.562403805
TCGA-2L-AAQA-01A	PAAD	4.032449866	3.102328701	0.592700333
TCGA-IN-7808-01A	STAD	3.648469624	3.041846968	0.877228253
TCGA-VQ-AA6F-01A	STAD	3.202078155	2.979309993	0.464161683
TCGA-CN-A6V7-01A	HNSC	4.438218844	4.938163481	0.077814247
TCGA-CM-5864-01A	COAD	3.93088635	3.405100676	0.091552668
TCGA-V1-A8WW-01A	PRAD	3.563042163	2.343389347	0.055830538
TCGA-D7-6522-01A	STAD	2.110030947	2.613717328	0.552076236
TCGA-RC-A6M6-01A	LIHC	3.642899589	3.271747641	0.805752093
TCGA-BH-A0W5-01A	BRCA	3.905260672	2.379824163	0.193354045
TCGA-A7-A4SC-01A	BRCA	3.196376782	2.379910328	0.042101453
TCGA-38-4628-01A	LUAD	1.42318939	3.73153438	0.046897506
TCGA-QK-A6IJ-01A	HNSC	3.604933154	5.310100401	0.287697983
TCGA-66-2773-01A	LUSC	3.815036605	3.485451076	0.048033296
TCGA-ET-A40S-01A	THCA	2.894930671	2.282259656	0
TCGA-XF-AAMG-01A	BLCA	5.310185023	4.951446384	2.160562988
TCGA-02-2483-01A	GBM	4.546606018	5.170750529	0.117974658
TCGA-UY-A9PE-01A	BLCA	3.6164925	3.244109975	0.478396986
TCGA-4Z-AA89-01A	BLCA	4.426376105	2.173015675	0.185434645
TCGA-EK-A2PG-01A	CESC	5.065432869	5.41853054	0.218281956
TCGA-DO-A1K0-01A	THCA	2.777068746	2.810709056	0.005185488
TCGA-GU-AATQ-01A	BLCA	4.440895305	3.962710732	0.725356028
TCGA-B0-5084-01A	KIRC3	3.781688863	3.012741886	0.398269869

TCGA-29-1693-01A	OV	4.659146131	3.105448436	0.03434176
TCGA-G8-6914-01A	DLBC	4.297349237	4.990952437	1.048991517
TCGA-95-8494-01A	LUAD	4.840386334	4.339299571	0.304065562
TCGA-IF-A3RQ-01A	SARC	2.727058963	3.827447082	0
TCGA-CU-A0YN-01A	BLCA	4.643584577	4.191411924	0.355341033
TCGA-DJ-A1QO-01A	THCA	2.349855367	2.629427667	0.050759098
TCGA-A3-3346-01A	KIRC3	2.291920715	2.972104906	0.668502269
TCGA-BC-A10S-01A	LIHC	2.094802833	1.082185681	0.105892522
TCGA-G9-7523-01A	PRAD	2.467070869	1.200511078	0.01826545
TCGA-HC-A6HX-01A	PRAD	3.417277891	1.75375604	0.064803821
TCGA-24-2026-01A	OV	3.231520339	5.370292467	2.612253507
TCGA-KQ-A41N-01A	BLCA	4.330695844	3.908787245	0.028577047
TCGA-FD-A3N6-01A	BLCA	3.957674387	2.586950622	0.14441714
TCGA-BJ-A28X-01A	THCA	3.389286355	2.25681476	0.048137587
TCGA-GV-A3QH-01A	BLCA	4.749317858	4.48962551	0.098683035
TCGA-F1-6875-01A	STAD	4.663757205	5.133294482	0.28232806
TCGA-EK-A2R9-01A	CESC	4.97985868	5.721736239	0.034928932
TCGA-G3-A25U-01A	LIHC	3.097909312	4.304539996	4.578783285
TCGA-AU-6004-01A	COAD	4.256965073	3.514507892	0.253084058
TCGA-UZ-A9PL-01A	KIRP	3.500413157	2.889951018	0.259691161
TCGA-G3-A7M5-01A	LIHC	2.269092553	2.408528208	0.095722684
TCGA-CV-7103-01A	HNSC	2.453693623	2.547435541	0.247348898
TCGA-H7-7774-01A	HNSC	2.045828077	2.239087803	0.055240861
TCGA-13-1507-01A	OV	4.092445316	4.452872216	0.005819235
TCGA-CG-4466-01A	STAD	4.497679277	3.614615085	0.451602148
TCGA-AZ-4616-01A	COAD	4.659970778	3.680190991	0.512621894
TCGA-2F-A9KT-01A	BLCA	4.556551441	3.919064348	1.100789569
TCGA-AR-A2LM-01A	BRCA	3.171682893	1.417142361	0.008803275
TCGA-EM-A4FR-01A	THCA	3.063771056	1.607088212	0
TCGA-85-8070-01A	LUSC	5.393285673	3.93274852	0.306956314
TCGA-VF-A8AC-01A	TGCT	4.91437202	4.532792567	0.419744718
TCGA-BR-8592-01A	STAD	2.630573344	1.467065635	0.180664045
TCGA-N7-A4Y0-01A	UCS	5.354190959	4.622800938	0.886305844
TCGA-V7-A7HQ-01A	BRCA	3.496991374	3.114769862	0.158146743
TCGA-GC-A6I3-01A	BLCA	4.073759726	3.887014193	0.767535825
TCGA-CV-6959-01A	HNSC	3.097192124	4.07673916	0.087802076
TCGA-90-A4ED-01A	LUSC	5.772772066	4.443174542	0.305093149
TCGA-AO-A03P-01A	BRCA	2.74737656	2.253514773	0.101768009
TCGA-BK-A0C9-01A	UCEC	3.514551445	3.303288694	0.425296531
TCGA-05-4402-01A	LUAD	2.498664846	2.935012341	3.814253146
TCGA-G3-A25Y-01A	LIHC	3.75407193	4.336643122	0.008731305
TCGA-TQ-A7RH-01A	LGG	4.969602885	2.047389059	0
TCGA-43-2581-01A	LUSC	2.25285056	3.843396878	0.318158059
TCGA-A8-A06U-01A	BRCA	3.107354142	4.132982027	0.034078299

TCGA-2G-AAFM-01A	TGCT	5.729480223	4.774573296	2.321357348
TCGA-TQ-A8XE-01A	LGG	4.744947866	1.718474721	0
TCGA-25-1877-01A	OV	5.411723268	3.956612189	0.221493829
TCGA-CI-6623-01B	READ	3.629804201	3.620010382	0.392920041
TCGA-KU-A66T-01A	HNSC	3.738112382	3.457450277	0.015631554
TCGA-C5-A0TN-01A	CESC	4.116866123	3.0510255	0.582019478
TCGA-OE-A75W-01A	PAAD	4.084328403	3.617708658	0.270099637
TCGA-56-8622-01A	LUSC	3.196304917	1.919563761	0.101877439
TCGA-BQ-5889-01A	KIRP	3.335565659	3.651023517	0.08708243
TCGA-CN-6997-01A	HNSC	4.507705869	3.147980815	0.808245315
TCGA-CR-6477-01A	HNSC	1.351623013	2.734642166	0.19786216
TCGA-24-1431-01A	OV	4.825547658	3.825731297	0.304051917
TCGA-EI-6513-01A	READ	3.807889655	4.68751043	0.568391854
TCGA-CN-5365-01A	HNSC	3.712354097	2.607641373	0.028159771
TCGA-S9-A7QW-01A	LGG	4.729314017	2.806472589	0
TCGA-33-AASL-01A	LUSC	5.223032395	4.196696009	0.276788685
TCGA-06-0749-01A	GBM	3.548478642	2.042480396	0.129579665
TCGA-55-7281-01A	LUAD	1.867681184	2.103250133	0.177348554
TCGA-AD-6899-01A	COAD	3.707981664	3.756889234	0.393957026
TCGA-DD-A1EL-01A	LIHC	3.572440604	3.549056935	0.305586018
TCGA-14-0817-01A	GBM	4.074508699	3.7624664	0.103322951
TCGA-XU-A92T-01A	THYM	4.707451227	1.080295653	0.366274748
TCGA-N6-A4VG-01A	UCS	4.741996548	4.506934189	2.453411041
TCGA-DJ-A2PS-01A	THCA	3.196093164	1.687241218	0
TCGA-CN-5363-01A	HNSC	3.003905738	3.183512409	0.173091898
TCGA-KK-A7AZ-01A	PRAD	4.788292066	1.072348263	0.186869688
TCGA-C5-A7CM-01A	CESC	4.075956926	4.999294591	0.482470128
TCGA-80-5608-01A	LUAD	2.957439965	3.678388239	0.15221821
TCGA-50-5068-01A	LUAD	4.395861202	2.116729553	0.021592507
TCGA-BF-AAOX-01A	SKCM	3.025928586	4.97661113	0.218976203
TCGA-BP-5004-01A	KIRC	3.063410744	1.536391388	0.046841055
TCGA-BS-A0UJ-01A	UCEC	3.311868274	1.621061089	0.254857832
TCGA-D1-A3DH-01A	UCEC	3.069635746	4.634519946	1.439621754
TCGA-HC-7752-01A	PRAD	3.19634812	0.709906717	0.409354673
TCGA-24-1105-01A	OV	4.851676023	4.419360007	0.36429209
TCGA-A7-A4SF-01A	BRCA	4.073709054	4.405612751	0.14434916
TCGA-B9-A8YH-01A	KIRP	3.292922005	1.966766899	0
TCGA-AF-6672-01A	READ	3.625997021	2.532245513	0.101656745
TCGA-AX-A1C4-01A	UCEC	4.180136867	4.116601641	1.003855896
TCGA-13-1405-01A	OV	3.709214006	4.558439876	0.040781181
TCGA-CQ-5331-01A	HNSC	2.936023853	2.390055203	0.382407703
TCGA-ED-A4XI-01A	LIHC	1.82332368	0.922315451	0.01152858
TCGA-CF-A47T-01A	BLCA	4.44542793	2.946877233	0.49639862
TCGA-O2-A52Q-01A	LUSC	4.838881243	4.050014545	0.242652121

TCGA-2H-A9GO-01A	ESCA	3.938769589	3.936947543	0.448553557
TCGA-Y8-A8S0-01A	KIRP	2.914982396	1.498219982	0
TCGA-60-2725-01A	LUSC	3.811879076	2.997449599	0.11285517
TCGA-VQ-A8PX-01A	STAD	4.087872202	3.310000396	1.178002919
TCGA-CA-5796-01A	COAD	1.294514163	2.152460866	0.12211458
TCGA-EL-A3MZ-01A	THCA	2.290313667	1.852160136	0.069859756
TCGA-BR-A4J9-01A	STAD	2.451714261	1.222415408	0.025219423
TCGA-52-7622-01A	LUSC	4.267817176	3.394474979	0.05911779
TCGA-AG-3587-01A	READ	4.378663341	4.283840032	1.230078755
TCGA-SI-A71Q-01A	SARC	3.236231437	4.995105358	0.042546242
TCGA-G3-A7M8-01A	LIHC	1.460314135	1.865466045	0
TCGA-CZ-5463-01A	KIRC	3.627531942	1.431960286	0.055708214
TCGA-EB-A430-01A	SKCM	3.530941356	4.111185526	0.310331896
TCGA-06-0744-01A	GBM	5.043663353	3.913186002	0.874922326
TCGA-AG-A00H-01A	READ	3.933888359	4.304582058	0.553043571
TCGA-AA-3667-01A	COAD	3.76377267	5.747545783	1.008555006
TCGA-A6-6650-01B	COAD	4.736776874	3.525859295	0.410393521
TCGA-2G-AAKG-01A	TGCT	5.459511524	4.195785204	1.629639548
TCGA-CU-A3QU-01A	BLCA	3.428780637	4.911880904	0.12624063
TCGA-KP-A3VZ-01A	UCEC	5.260212422	5.258454162	0.27349849
TCGA-DX-A8BN-01A	SARC	2.653916462	4.793470484	0
TCGA-N8-A4PQ-01A	UCS	5.004384918	4.92490561	0.244848766
TCGA-ZF-A9RL-01A	BLCA	4.438419024	3.263624783	0.281345302
TCGA-TM-A7C5-01A	LGG	5.046446429	2.834397726	0.34004572
TCGA-AU-3779-01A	COAD	3.550815767	3.773170513	1.503428899
TCGA-29-2427-01A	OV	2.96804759	3.825442281	0.089047755
TCGA-D1-A17Q-01A	UCEC	2.859767113	3.530203052	0.287730805
TCGA-QK-A6IF-01A	HNSC	5.335847081	5.050941957	1.371824433
TCGA-06-5414-01A	GBM	3.174632119	2.929144135	0.181932876
TCGA-22-4601-01A	LUSC	3.818696051	3.90475542	0.206667898
TCGA-BP-4340-01A	KIRC	3.159121462	1.78503284	0.025804512
TCGA-93-7348-01A	LUAD	2.671898843	2.14162387	0.024813278
TCGA-DH-A7UT-01A	LGG	4.382125132	2.151967628	0.014933475
TCGA-90-6837-01A	LUSC	3.196205856	3.078664944	0.019987918
TCGA-CH-5791-01A	PRAD	2.670233904	1.425952461	0.033876151
TCGA-DD-A39X-01A	LIHC	1.969506894	2.342573568	0.010776459
TCGA-YZ-A984-01A	UVM	5.346401265	2.335007237	0.019345375
TCGA-E1-A7YM-01A	LGG	3.728683351	3.682661336	0.197185468
TCGA-K7-A5RG-01A	LIHC	2.626348329	3.362422699	0.233713556
TCGA-K4-A3WV-01A	BLCA	4.872613973	2.867844886	0.231253097
TCGA-XU-A92Z-01A	THYM	4.599662177	2.087455902	1.047666141
TCGA-DU-A6S8-01A	LGG	5.684203959	2.707124832	0.321367971
TCGA-04-1341-01A	OV	3.77216725	4.765479681	0.047224896
TCGA-3C-AALK-01A	BRCA	3.420615142	2.861930011	0.040117294

TCGA-MU-A5YI-01A	CESC	5.02131933	5.006173377	0.162002839
TCGA-CM-6674-01A	COAD	2.352174646	3.566846801	0.469948614
TCGA-DJ-A1QH-01A	THCA	2.401378482	1.908623402	0.055051578
TCGA-A5-A0VP-01A	UCEC	3.451572852	3.888082072	0.822925795
TCGA-EM-A3FQ-01A	THCA	2.680850239	1.554767667	0.014411644
TCGA-AX-A1CE-01A	UCEC	3.325690695	4.429601277	0.120928104
TCGA-W5-AA39-01A	CHOL	2.802671918	4.482549187	2.351842775
TCGA-VR-A8EU-01A	ESCA	3.321186415	3.116715121	0.012461801
TCGA-FG-7634-01A	LGG	4.138013904	2.92623805	0.328197974
TCGA-5C-A9VH-01A	LIHC	3.020931224	2.168704737	0.378984413
TCGA-D1-A168-01A	UCEC	1.99524186	2.905981508	0.045266179
TCGA-23-1026-01B	OV	4.390151468	3.947591056	0.408822427
TCGA-C8-A133-01A	BRCA	3.023485496	2.594555833	0.042426893
TCGA-05-4389-01A	LUAD	2.735527802	4.175811408	0.308600725
TCGA-BH-A0HB-01A	BRCA	3.075263143	3.393657505	0.093911902
TCGA-B0-5080-01A	KIRC	2.063769195	1.926039969	0.026278635
TCGA-29-2428-01A	OV	2.918149197	4.351946866	0.093168109
TCGA-D7-6524-01A	STAD	2.274333662	2.718906487	0.062848026
TCGA-CK-4948-01B	COAD	4.057699962	4.248598299	0.494232517
TCGA-OR-A5LP-01A	ACC	1.968258832	3.056361193	0
TCGA-GM-A2D9-01A	BRCA	3.541819153	2.110431505	0.029758254
TCGA-MT-A67F-01A	HNSC	3.874488489	1.898564355	0.327426203
TCGA-C5-A7CH-01A	CESC	4.449973246	4.258706576	0.186797355
TCGA-44-5645-01B	LUAD	3.412967253	0.936696119	0
TCGA-BG-A0M9-01A	UCEC	3.320769223	2.24251156	0.02027419
TCGA-DD-AAVX-01A	LIHC	2.152378866	1.4124760	0.040694328
TCGA-B5-A1MZ-01A	UCEC	3.959054511	1.352388696	0.57502677
TCGA-QR-A6H5-01A	PCPG	1.995624306	1.103046712	0.015855758
TCGA-2G-AAF4-01A	TGCT	4.456256707	4.736648753	0.431646197
TCGA-E2-A159-01A	BRCA	3.308012631	4.866468016	0.005411257
TCGA-BH-A1EW-01A	BRCA	3.647729973	2.652588914	0.02809721
TCGA-BH-A201-01A	BRCA	3.571577807	2.257854603	0.013449699
TCGA-XF-AAN3-01A	BLCA	3.892309374	1.263657233	0.151296767
TCGA-L5-A8NK-01A	ESCA	3.502687782	1.921223367	0.020274438
TCGA-2H-A9GG-01A	ESCA	3.058596414	2.460193167	1.592863682
TCGA-A2-A0CX-01A	BRCA	3.184618867	3.945275537	0.026558289
TCGA-JW-A5VH-01A	CESC	4.82273981	3.690910193	0.792124198
TCGA-BQ-5888-01A	KIRP	3.043910246	2.226007263	0.114488578
TCGA-97-A4LX-01A	LUAD	3.198036217	3.022095675	0.083091098
TCGA-A8-A08I-01A	BRCA	3.108930649	4.133754355	0.015772316
TCGA-90-7769-01A	LUSC	3.365185212	3.636773866	0.043003806
TCGA-US-A77E-01A	PAAD	3.418282959	2.157566153	0
TCGA-ZJ-AAX4-01A	CESC	4.283354003	4.68431217	0.098864631
TCGA-44-6774-01A	LUAD	2.228478749	2.40195785	0.139331376

TCGA-23-1111-01A	OV	4.871023292	3.789400762	0.159177748
TCGA-BG-A0MK-01A	UCEC	2.563893346	1.923238852	0.013981793
TCGA-FF-8043-01A	DLBC	4.007886666	6.072154591	0.244885816
TCGA-SR-A6MU-01A	PCPG	2.438797338	1.320968219	0.022655064
TCGA-EY-A1GM-01A	UCEC	3.869451037	4.986503645	0.071145689
TCGA-BH-A0HN-01A	BRCA	3.081010989	2.870744432	0.014562499
TCGA-VQ-A925-01A	STAD	4.096433846	3.871133654	0.972400989
TCGA-86-8668-01A	LUAD	2.833375413	2.281167476	0.042069085
TCGA-E9-A3X8-01A	BRCA	3.577199993	2.77053697	0.04062474
TCGA-AA-3502-01A	COAD	4.137042243	2.728080299	0.206278758
TCGA-SH-A7BC-01A	MESO	3.595461393	3.035824129	0.057882997
TCGA-V1-A8WN-01A	PRAD	3.059348244	1.104488016	0.036583373
TCGA-KK-A8IM-01A	PRAD	3.576671444	1.201585541	0.092318568
TCGA-55-1594-01A	LUAD	3.856517226	4.093238385	0.121746594
TCGA-YS-AA4M-01A	MESO	3.76116407	3.151321472	0.085530108
TCGA-AR-A1AL-01A	BRCA	3.060433119	2.087665657	0.025562461
TCGA-AA-A01C-01A	COAD	3.797689075	4.600312788	0.595742108
TCGA-B2-5639-01A	KIRC2	2.27171307	1.74892825	0.028283762
TCGA-BH-A18K-01A	BRCA	3.678764262	2.986061772	0.131867471
TCGA-86-A4JF-01A	LUAD	2.852436098	3.520240462	0.535429475
TCGA-23-1024-01A	OV	6.02529005	3.443569561	0.654266817
TCGA-EK-A2RO-01A	CESC	5.352689029	4.538837879	0.031377012
TCGA-05-4405-01A	LUAD	2.625743205	1.816278066	0.050222358
TCGA-A2-A0CU-01A	BRCA	2.172878812	3.521793575	0.04550367
TCGA-CZ-5459-01A	KIRC3	5.561863394	3.238613463	0.137436671
TCGA-EM-A4FV-01A	THCA	3.247194135	2.138382826	0.018979127
TCGA-ZJ-AAXU-01A	CESC	4.559227399	4.169411177	0.435461661
TCGA-OR-A5L5-01A	ACC	2.620497349	2.689113272	0
TCGA-EB-A5FP-01A	SKCM	3.320732367	4.596024052	0.168038147
TCGA-LL-A5YL-01A	BRCA	3.283449814	3.627886499	0.059274176
TCGA-GM-A2DM-01A	BRCA	3.337639979	1.705099388	0.086339483
TCGA-DB-A64Q-01A	LGG	4.199252058	1.767164616	0.025446752
TCGA-92-7340-01A	LUSC	2.845957964	2.113650848	0.033297591
TCGA-BT-A20V-01A	BLCA	4.712109428	6.007680004	0.735435193
TCGA-52-7809-01A	LUSC	5.043029498	4.620351066	1.059926951
TCGA-D1-A177-01A	UCEC	4.100806776	4.511789947	2.089361354
TCGA-PJ-A5Z8-01A	KIRP	3.081409426	1.547239913	0
TCGA-N8-A56S-01A	UCS	5.253300843	3.416341687	0.401800044
TCGA-X7-A8DG-01A	THYM	4.926123133	3.970751883	2.460418751
TCGA-CN-5355-01A	HNSC	3.209373007	2.645731066	0.044084451
TCGA-CV-A45Q-01A	HNSC	2.897727644	2.309586445	0.133982935
TCGA-VQ-AA68-01A	STAD	3.411727089	2.770380147	0.111624132
TCGA-22-5491-01A	LUSC	4.054483721	4.34919834	0.081281367
TCGA-BR-8372-01A	STAD	4.073476488	3.471522263	0.535153466

TCGA-HD-7229-01A	HNSC	3.30077311	2.648887094	0.216020541
TCGA-44-2656-01B	LUAD	4.243771486	1.205716057	0.018804317
TCGA-61-2110-01A	OV	4.942102548	3.30441939	0.324765543
TCGA-DU-A7T8-01A	LGG	4.118202559	2.782691592	0.005207077
TCGA-A6-6780-01A	COAD	5.157457984	3.158344237	0.93590568
TCGA-VP-A87E-01A	PRAD	2.665399898	1.074576262	0.013889333
TCGA-IQ-A6SG-01A	HNSC	3.768138772	4.002969376	0.055329113
TCGA-EL-A3H3-01A	THCA	1.823981204	1.484110122	0
TCGA-FD-A62O-01A	BLCA	3.963241301	2.408609922	0.566830909
TCGA-AY-6386-01A	COAD	2.960751611	3.277102206	0.248090551
TCGA-21-1075-01A	LUSC	4.685796327	2.929947383	0.163811418
TCGA-FF-A7CW-01A	DLBC	4.864958245	5.195394056	0.383722594
TCGA-CC-5263-01A	LIHC	3.389362585	5.288777864	0.685649391
TCGA-HU-A4H2-01A	STAD	3.65876857	4.084721936	0.389582553
TCGA-A2-A4RY-01A	BRCA	4.463730083	1.744227705	0.07682378
TCGA-61-2003-01A	OV	3.286972584	3.737419392	0.064435374
TCGA-IB-7889-01A	PAAD	3.035843678	1.90657574	0.021138111
TCGA-C5-A7X3-01A	CESC	4.420666789	4.204522897	0.783528829
TCGA-XE-AAOL-01A	TGCT	4.790710082	3.43343373	0.724335024
TCGA-DK-A1A3-01A	BLCA	2.700384957	2.367099278	0.11871666
TCGA-86-8073-01A	LUAD	3.750677337	2.650058696	0.118519976
TCGA-A3-A6NL-01A	KIRC3	3.708597692	1.722305084	0.019147232
TCGA-ZB-A96A-01A	THYM	5.634400465	4.426805258	2.055879852
TCGA-VQ-A91Q-01A	STAD	3.936955925	3.112675179	0.112813628
TCGA-QK-A6V9-01A	HNSC	4.348233609	5.153099844	0.652338674
TCGA-55-7576-01A	LUAD	2.33547763	3.474750557	0.035313105
TCGA-LN-A9FP-01A	ESCA	3.039590706	2.263872228	0.060760165
TCGA-LN-A4A8-01A	ESCA	4.12982039	3.765141022	1.633405554
TCGA-BS-A0U9-01B	UCEC	4.336114645	4.990522988	0.08008487
TCGA-AA-3521-01A	COAD	3.907233893	3.784009172	1.028796862
TCGA-E2-A1IL-01A	BRCA	2.772721918	1.705186174	0.028821914
TCGA-KS-A41L-01A	THCA	3.138687201	1.332873939	0
TCGA-YU-A90Y-01A	TGCT	5.325370442	4.683306214	1.800083827
TCGA-IM-A420-01A	THCA	3.337251914	3.186856022	0.004490493
TCGA-24-1562-01A	OV	4.256507789	3.160013598	0.07114178
TCGA-EL-A3CN-01A	THCA	1.856306831	2.411562286	0
TCGA-LL-A440-01A	BRCA	2.9826337	2.614081378	0.031387038
TCGA-62-A470-01A	LUAD	5.074492088	2.699970224	1.528129508
TCGA-BH-A1EY-01A	BRCA	4.163216292	2.189965415	0.034341967
TCGA-BQ-7061-01A	KIRP	2.811342612	1.909463305	0.00739183
TCGA-NA-A4R0-01A	UCS	3.325485145	3.169112517	0.080668376
TCGA-B8-4151-01A	KIRC2	2.917279308	1.044464253	0.031865065
TCGA-FD-A43X-01A	BLCA	4.340712898	2.500313908	0.072928553
TCGA-D7-8575-01A	STAD	3.330369992	1.786020392	0.22152943

TCGA-EA-A6QX-01A	CESC	4.30325635	5.215059002	0.708083351
TCGA-BC-A10Y-01A	LIHC	3.238548208	5.157012563	1.80421403
TCGA-FD-A3B7-01A	BLCA	3.628364126	3.458265937	0.133732848
TCGA-CZ-5469-01A	KIRC3	2.30743725	2.505304853	0.015146265
TCGA-CN-A49C-01A	HNSC	2.994048834	4.380812816	0.076275205
TCGA-EW-A1PH-01A	BRCA	3.996269918	3.599172779	0.096026071
TCGA-DX-AB2E-01A	SARC	1.888831107	4.67758765	0.1659219
TCGA-XF-A8HC-01A	BLCA	3.918631946	5.0262757	0.555577209
TCGA-V1-A9ZR-01A	PRAD	4.480689773	0.940079352	0.065347742
TCGA-DX-A3U7-01A	SARC	3.07401497	6.429914151	0.012209606
TCGA-29-1777-01A	OV	5.151465411	3.788194045	0.075567858
TCGA-AA-3662-01A	COAD	4.282689301	3.425716397	0.391156626
TCGA-WY-A85C-01A	LGG	4.66451321	1.552088453	0
TCGA-EJ-5514-01A	PRAD	3.658399176	1.983950132	0.071440641
TCGA-HT-7695-01A	LGG	3.563022139	2.277643339	0.097376035
TCGA-27-1835-01A	GBM	4.980413895	4.025295642	3.101329663
TCGA-CV-7407-01A	HNSC	3.253087614	1.994183065	0.059801133
TCGA-NA-A511-01A	UCS	4.5703291	4.367236402	0.031577755
TCGA-EJ-5496-01A	PRAD	2.625229525	1.084456341	0.072331564
TCGA-EM-A3FL-01A	THCA	1.706493731	1.325719858	0.004407444
TCGA-E9-A1QZ-01A	BRCA	3.24690809	3.865143757	0.096920568
TCGA-OR-A5L6-01A	ACC	2.734002894	4.414062677	1.03393121
TCGA-FP-8211-01A	STAD	2.850338992	3.90254352	0.361076182
TCGA-73-4675-01A	LUAD	2.786769188	3.951974714	0.045681354
TCGA-HC-7740-01A	PRAD	1.964266071	0.916290624	0.045546408
TCGA-FF-8046-01A	DLBC	5.117982465	4.815641437	3.586499423
TCGA-YB-A89D-01A	PAAD	2.598816874	1.344591788	0.062036641
TCGA-HT-8114-01A	LGG	4.243070256	1.263113428	0.003090792
TCGA-A8-A07P-01A	BRCA	1.863962715	3.84365008	0.009682766
TCGA-KL-8342-01A	KICH	2.430932861	2.38054449	0.150376218
TCGA-BH-A1FR-01A	BRCA	2.989301504	3.560825418	0.190378518
TCGA-GL-6846-01A	KIRP	1.68184553	1.977361719	0.125196775
TCGA-A7-A26I-01B	BRCA	4.941589763	2.560206176	0.042421933
TCGA-CS-6666-01A	LGG	4.10893237	2.418606275	0
TCGA-33-4566-01A	LUSC	3.601653601	3.5388457	0.042571353
TCGA-CQ-A4CI-01A	HNSC	5.350808802	3.354017569	0.190560844
TCGA-B8-A7U6-01A	KIRC3	3.38568987	1.985764816	0.04620136
TCGA-A5-A1OG-01A	UCEC	4.192134303	4.05362116	0.852024166
TCGA-CF-A3MF-01A	BLCA	2.863637274	2.582893125	2.372089392
TCGA-BT-A0S7-01A	BLCA	3.97920693	3.159848588	0.240457723
TCGA-CV-A460-01A	HNSC	4.880530452	3.802204872	0.114214001
TCGA-D6-6826-01A	HNSC	3.899104768	2.061505618	0.051529983
TCGA-B8-4619-01A	KIRC2	5.10105537	1.447925301	0
TCGA-EL-A3GV-01A	THCA	2.457144624	1.985855387	0

TCGA-DX-A1KU-01A	SARC	2.312018227	2.441659935	0.019032161
TCGA-FA-A6HN-01A	DLBC	4.069005398	3.596786522	0.266354745
TCGA-BJ-A190-01A	THCA	2.32409294	1.031856073	0.004317475
TCGA-CK-4950-01A	COAD	2.6792426	3.823590037	0.337044237
TCGA-2Y-A9H0-01A	LIHC	2.817185418	4.222451612	1.148992658
TCGA-J8-A3NZ-01A	THCA	2.431301311	2.883469174	0
TCGA-IG-A7DP-01A	ESCA	3.426582669	3.024159517	0.210504312
TCGA-V4-A9EA-01A	UVM	3.870129258	2.970842013	0.010098732
TCGA-30-1861-01A	OV	2.909874474	4.960684258	0.123842389
TCGA-A3-3376-01A	KIRC	3.084428283	1.575207743	0.003484014
TCGA-78-7535-01A	LUAD	3.683525326	5.102796629	0.050770496
TCGA-BR-6566-01A	STAD	2.600812938	2.998829358	0.50111085
TCGA-OL-A5RX-01A	BRCA	3.736876992	1.498579113	0.013410946
TCGA-A2-A1FW-01A	BRCA	3.613762121	3.934277342	0.091774789
TCGA-DD-A3A2-01A	LIHC	1.380417995	1.224977723	1.115405321
TCGA-DU-7009-01A	LGG	4.00320589	2.382046987	0.092495521
TCGA-HC-A8CY-01A	PRAD	3.718198813	1.429640552	0.028521532
TCGA-D5-6930-01A	COAD	3.074003059	4.324567434	0.64112828
TCGA-IG-A50L-01A	ESCA	3.495554722	3.294054967	0.201507131
TCGA-TM-A84S-01A	LGG	4.169605779	2.302104148	0.120613974
TCGA-56-7580-01A	LUSC	3.932865835	2.424896043	0.3758339
TCGA-AG-3581-01A	READ	3.019969136	4.114462059	0.28717679
TCGA-TN-A7HL-01A	HNSC	4.955319494	4.492119547	0.311699239
TCGA-53-7624-01A	LUAD	4.403379431	4.059965252	0.870702627
TCGA-D1-A169-01A	UCEC	2.644061038	3.750704781	0.677000057
TCGA-WY-A859-01A	LGG	4.305629602	2.92427801	0.019272562
TCGA-56-7822-01A	LUSC	2.978176804	1.819672118	0
TCGA-Z4-A8JB-01A	SARC	1.811231906	1.665433334	0
TCGA-BH-A18U-01A	BRCA	4.945173289	4.701570027	0.125228203
TCGA-VP-A87D-01A	PRAD	3.503909504	1.335894988	0.1664215
TCGA-AP-A052-01A	UCEC	4.611609587	3.730290828	0.102542475
TCGA-13-0730-01A	OV	3.759151071	4.939480926	0.885610017
TCGA-2G-AAGY-01A	TGCT	4.056453426	4.468266014	0.131979364
TCGA-EJ-A8FU-01A	PRAD	3.243451321	1.069512784	0.054169044
TCGA-KN-8419-01A	KICH	2.436895624	1.481024041	0
TCGA-AA-3973-01A	COAD	4.021138863	3.6061103	0.364046947
TCGA-BP-4804-01A	KIRC	2.634516433	1.658519081	0.022725227
TCGA-CV-6935-01A	HNSC	2.943294341	2.585035194	0.004562524
TCGA-AA-3975-01A	COAD	4.421948737	4.221434716	0.424690829
TCGA-2G-AAF6-01A	TGCT	4.708482652	4.350466766	0.905684228
TCGA-EW-A6SA-01A	BRCA	5.014405658	5.013045404	0.079416459
TCGA-KQ-A41R-01A	BLCA	4.536314662	3.367395358	3.465249777
TCGA-C5-A1M7-01A	CESC	4.635816749	3.246230036	1.736001565
TCGA-FB-AAPS-01A	PAAD	3.261322276	1.903605839	0.00819368

TCGA-2A-A8VO-01A	PRAD	3.43842904	1.305144773	0.190462346
TCGA-E8-A418-01A	THCA	3.416864665	2.984421299	0.098477374
TCGA-DK-A3WX-01A	BLCA	4.515768253	3.955261818	1.909149675
TCGA-HT-7677-01A	LGG	5.008379559	2.163837736	0.218099596
TCGA-24-1419-01A	OV	4.185741042	3.2147508	0.014587851
TCGA-CV-7263-01A	HNSC	3.07367497	3.35665455	0.130759722
TCGA-04-1542-01A	OV	4.565687506	4.442855983	0.944821062
TCGA-E7-A541-01A	BLCA	4.728725299	6.435657903	0.538498716
TCGA-DX-A6YQ-01A	SARC	4.094573524	4.535645308	0
TCGA-AP-A05N-01A	UCEC	4.493062469	2.71375541	0.274530894
TCGA-BT-A42F-01A	BLCA	3.4086586	3.959257865	1.004843418
TCGA-13-1409-01A	OV	4.808543256	3.037548214	0.502332864
TCGA-BG-A0M2-01A	UCEC	3.967729015	2.237555356	0.527854868
TCGA-A5-A0R7-01A	UCEC	3.818524986	3.247702894	0.047305127
TCGA-CD-8528-01A	STAD	3.632110119	3.857117752	0.463964717
TCGA-BG-A222-01A	UCEC	3.64971407	3.691046118	0.319103322
TCGA-B0-4815-01A	KIRC4	1.78117092	2.82178415	0.101952019
TCGA-49-4505-01A	LUAD	1.70748586	1.886805625	0.024911633
TCGA-QQ-A5VA-01A	SARC	3.520662322	2.752283163	0.035469682
TCGA-BH-A0HL-01A	BRCA	3.683963827	3.864126264	0.233781568
TCGA-CJ-6028-01A	KIRC2	1.652022163	1.608307989	0.025623872
TCGA-HE-A5NH-01A	KIRP	2.290283456	2.034395575	0
TCGA-AX-A3FS-01A	UCEC	4.405707538	3.972195885	0.361907627
TCGA-EM-A2CR-01A	THCA	3.556939434	3.033197171	0
TCGA-2G-AAG5-01A	TGCT	3.392018973	2.945165874	0.17171599
TCGA-LN-A7HV-01A	ESCA	3.638797109	3.882468011	0.999862525
TCGA-BC-A10U-01A	LIHC	2.543127451	1.797904864	0.066278945
TCGA-FA-A4BB-01A	DLBC	5.360997213	3.452677711	0.465924303
TCGA-90-A59Q-01A	LUSC	4.604677622	2.858533726	0.176008925
TCGA-DD-A73B-01A	LIHC	2.593158679	3.574222979	0.026283677
TCGA-CU-A3YL-01A	BLCA	4.704302465	3.975606716	0.320380795
TCGA-AX-A2HK-01A	UCEC	4.47883627	4.307971976	0.164008583
TCGA-97-A4M7-01A	LUAD	3.181043928	2.865656347	0.188000271
TCGA-SR-A6MY-01A	PCPG	4.325023339	1.754529021	0.006096608
TCGA-H2-A2K9-01A	THCA	2.92591044	1.535831024	0.005704125
TCGA-ER-A2NF-01A	SKCM	4.451439804	2.785069597	0.045066491
TCGA-DJ-A3V0-01A	THCA	3.124567071	2.050754507	0.047426069
TCGA-CQ-5325-01A	HNSC	2.251456526	2.477229757	0.03048367
TCGA-AG-4008-01A	READ	3.833179446	3.915654471	0.417776687
TCGA-29-1711-01A	OV	3.50007936	2.665252025	0.046512902
TCGA-IA-A40X-01A	KIRP	3.386981744	2.188341647	0
TCGA-G3-A7M7-01A	LIHC	2.154440239	0.90338229	0.096816347
TCGA-21-1081-01A	LUSC	5.14131242	4.307886903	0.020487825
TCGA-B8-5165-01A	KIRC3	1.121391821	1.659115169	0.004278844

TCGA-FB-A7DR-01A	PAAD	3.09589418	2.680493362	0.060766522
TCGA-B6-A0RI-01A	BRCA	3.248933975	2.489051444	0.073026918
TCGA-D1-A16N-01A	UCEC	3.110430566	6.157091156	0.953143258
TCGA-S3-A6ZH-01A	BRCA	2.359357965	3.982404323	0.10723898
TCGA-94-A5I4-01A	LUSC	5.148177075	4.698894641	0.201201158
TCGA-HW-8321-01A	LGG	4.4320671	1.576137079	0.009144177
TCGA-A6-5661-01A	COAD	4.174720461	3.323175457	0.406072483
TCGA-DB-A4XH-01A	LGG	3.874174253	2.476374692	0.046325486
TCGA-DD-AADM-01A	LIHC	2.056539652	2.936462702	2.279989245
TCGA-FG-6688-01A	LGG	3.634733519	3.193966299	0.039404657
TCGA-A2-A0YH-01A	BRCA	3.09926929	3.826174453	0.116732823
TCGA-77-8007-01A	LUSC	4.385130313	3.804427094	0.110065226
TCGA-24-1428-01A	OV	4.436473898	5.444952787	0.376406572
TCGA-AP-A0LG-01A	UCEC	2.671140824	3.408854986	0.210006268
TCGA-AK-3456-01A	KIRC	1.734594173	0.728181812	0
TCGA-B0-5117-01A	KIRC	3.72153763	2.106676093	0
TCGA-A3-3328-01A	KIRC	3.016514968	2.716901845	0.08113846
TCGA-BR-7901-01A	STAD	2.46503128	3.482164322	0.094209197
TCGA-DU-A7T6-01A	LGG	4.914861461	4.11947564	0.186343516
TCGA-FI-A2D4-01A	UCEC	4.019078776	3.250636291	0.925204157
TCGA-D8-A1XZ-01A	BRCA	3.917723654	3.911654332	0.567603868
TCGA-BH-A6R9-01A	BRCA	2.906100371	1.632822925	0.024917346
TCGA-37-4130-01A	LUSC	5.009435163	3.104339355	0.958083549
TCGA-FD-A3NA-01A	BLCA	3.339470772	3.91080888	0.610912399
TCGA-N9-A4Q4-01A	UCS	4.899819424	3.821728417	1.411724803
TCGA-BH-A0GZ-01A	BRCA	1.954537679	3.035262135	0.006181352
TCGA-A2-A0YC-01A	BRCA	2.895494378	2.3296302	0.025766691
TCGA-DJ-A13X-01A	THCA	2.371045793	2.230045255	0
TCGA-XN-A8T3-01A	PAAD	3.287661369	2.708996728	0.007263805
TCGA-AP-A1E4-01A	UCEC	4.903460066	3.191393948	0.316850195
TCGA-EB-A3XF-01A	SKCM	3.316074035	2.966155351	0.037147811
TCGA-55-8090-01A	LUAD	3.346699845	3.142720794	0.092050874
TCGA-P5-A737-01A	LGG	4.102917117	2.760247772	0.236130394
TCGA-DD-AADI-01A	LIHC	2.960531464	2.395910745	0.586725001
TCGA-BS-A0TD-01A	UCEC	3.263431103	2.790968412	0.172280656
TCGA-DJ-A1QN-01A	THCA	2.833853719	2.278393737	0
TCGA-HT-7873-01B	LGG	4.497851524	1.653055182	0
TCGA-H2-A422-01A	THCA	2.983756918	2.134298886	0.00457333
TCGA-DX-A6BH-01A	SARC	2.647289265	2.714662566	0
TCGA-G7-6789-01A	KIRP	2.111660661	1.685635526	2.240134442
TCGA-RW-A68C-01A	PCPG	2.581141736	1.250603543	0.00494154
TCGA-FA-A7DS-01A	DLBC	5.138837545	4.901762494	0.486421717
TCGA-AC-A2FG-01A	BRCA	3.073092708	2.046340713	0.035515537
TCGA-50-5930-01A	LUAD	2.339004171	3.071807308	0.284269982

TCGA-BP-4801-01A	KIRC	2.488236425	1.523430716	0
TCGA-R6-A8W8-01B	ESCA	2.862345128	3.626883337	0.290976042
TCGA-VD-A8KG-01A	UVM	4.088837682	1.482434346	0
TCGA-86-7711-01A	LUAD	2.760960893	3.934489893	0.328054699
TCGA-85-8354-01A	LUSC	5.719479184	3.694950031	0.416763687
TCGA-DX-A8BP-01A	SARC	3.938710353	4.707897932	0.245856043
TCGA-B5-A1MW-01A	UCEC	4.29641424	3.512496631	0.297600624
TCGA-05-4427-01A	LUAD	2.884649649	3.381045605	0.431848221
TCGA-A6-6137-01A	COAD	3.299431675	3.450907516	0.546777335
TCGA-DB-5275-01A	LGG	4.491263015	2.526234634	0.004590509
TCGA-AR-A254-01A	BRCA	3.965640515	2.533637072	0.1685748
TCGA-86-8281-01A	LUAD	2.411063207	3.467314487	0.014951058
TCGA-69-7973-01A	LUAD	3.987396307	3.160056607	0.46354285
TCGA-27-2521-01A	GBM	5.242493101	3.80808999	0
TCGA-13-1510-01A	OV	4.486850206	3.47852382	0.125348454
TCGA-EL-A3GR-01A	THCA	2.266987685	1.875513355	0
TCGA-73-A9RS-01A	LUAD	4.548248048	3.420519984	0.631423585
TCGA-AO-A03V-01A	BRCA	2.769540095	2.073263617	0.106607166
TCGA-E9-A1R5-01A	BRCA	2.783547325	2.385742796	0.058174359
TCGA-TS-A7P6-01A	MESO	3.209255591	3.388953052	0.088079907
TCGA-24-2035-01A	OV	4.009251762	3.595067612	0.085678612
TCGA-QT-A69Q-01A	PCPG	4.154616992	2.730100537	0
TCGA-50-6595-01A	LUAD	2.660240464	2.99581858	0.156329838
TCGA-VF-A8AA-01A	TGCT	4.994950265	4.132822024	0.393621225
TCGA-IB-AAUM-01A	PAAD	3.018681122	0.807489484	0.03223972
TCGA-EL-A3ZT-01A	THCA	3.31066037	2.285223611	0
TCGA-AL-3468-01A	KIRP	3.555034676	1.191169275	0.248821841
TCGA-NG-A4VU-01A	UCS	4.649684983	3.509088878	0.058393438
TCGA-DD-AACD-01A	LIHC	2.476021796	2.055787583	0.029995835
TCGA-UZ-A9PU-01A	KIRP	2.842241019	1.063153347	0
TCGA-66-2769-01A	LUSC	3.798439003	3.061168307	1.910236792
TCGA-5P-A9KC-01A	KIRP	2.242076213	1.893261141	0.009408025
TCGA-3G-AB19-01A	THYM	3.986512839	1.608514714	1.197511701
TCGA-E2-A1IU-01A	BRCA	2.300871705	2.859326121	0.064586765
TCGA-A6-5665-01A	COAD	4.423105986	3.824661255	0.943328251
TCGA-EW-A1OW-01A	BRCA	4.003904769	3.67388497	0.014385296
TCGA-KK-A6E7-01A	PRAD	2.373031951	3.247045331	0.035236898
TCGA-AP-A0LT-01A	UCEC	4.154748464	4.472293055	1.651357717
TCGA-E7-A7DV-01A	BLCA	4.671171985	4.773765902	0.238524699
TCGA-A2-A0YF-01A	BRCA	3.514473498	2.428900259	0.112222438
TCGA-AX-A3G7-01A	UCEC	3.952516395	3.264726328	0.207956116
TCGA-BG-A0VT-01A	UCEC	3.818569562	2.267417659	0.222755069
TCGA-AC-A3BB-01A	BRCA	3.62251637	2.173538558	0.031774468
TCGA-BP-4158-01A	KIRC	4.221050644	1.987738834	0.171908107

TCGA-V4-A9F8-01A	UVM	5.044348576	2.682157194	0.062435869
TCGA-DB-A64O-01A	LGG	2.811066861	2.001515677	0.048575914
TCGA-L5-A43C-01A	ESCA	3.633990897	2.839772159	0.213098008
TCGA-30-1853-01A	OV	4.612679857	2.719349893	0.046400811
TCGA-29-1769-01A	OV	4.774862313	4.292481856	0.141242279
TCGA-D8-A27T-01A	BRCA	3.549438134	2.604141118	0.068719799
TCGA-A3-3378-01A	KIRC	2.61198596	2.098040687	1.42193679
TCGA-QH-A65R-01A	LGG	5.10369167	3.375879932	0.129020112
TCGA-14-0790-01B	GBM	3.66396776	3.285991319	0.36972958
TCGA-P3-A6T4-01A	HNSC	4.011499182	2.115748434	0.013246559
TCGA-DJ-A3VK-01A	THCA	3.861055939	2.231559477	0.005028994
TCGA-A3-A8OU-01A	KIRC	2.722702136	2.260303938	0.005895536
TCGA-DK-AA6R-01A	BLCA	3.418197712	4.128294675	0.351698401
TCGA-X4-A8KS-01A	PRAD	3.811990579	1.051266059	0.061962601
TCGA-CM-6172-01A	COAD	3.136766576	3.860222747	1.418145979
TCGA-E9-A1NF-01A	BRCA	3.001818491	1.858999917	0.007095062
TCGA-78-7153-01A	LUAD	2.784596067	3.150108683	0.102744363
TCGA-62-A46V-01A	LUAD	3.606677767	2.934545124	0.102103247
TCGA-E7-A677-01A	BLCA	4.045994331	3.070358842	0.15285724
TCGA-QU-A6IL-01A	PRAD	3.87083473	2.071996958	0.122402775
TCGA-FU-A40J-01A	CESC	4.487541356	5.771927535	0.3333379
TCGA-A3-3347-01A	KIRC	3.411075305	2.046744782	0.006066455
TCGA-R5-A805-01A	STAD	2.408800532	3.05675784	0.153692109
TCGA-E2-A10A-01A	BRCA	3.353010218	3.706752844	0.33338722
TCGA-25-1623-01A	OV	4.60079494	4.662434048	1.803894483
TCGA-WK-A8XS-01A	SARC	2.374777583	5.136955111	0
TCGA-CQ-6228-01A	HNSC	3.052000095	2.25905506	0.304336962
TCGA-AA-A01P-01A	COAD	3.620152967	3.54415916	1.180489848
TCGA-62-8399-01A	LUAD	3.487146749	4.678552152	0.630651271
TCGA-DH-A669-01A	LGG	4.69727037	5.348328218	0.467498332
TCGA-24-1426-01A	OV	5.258539901	4.260067395	0.07620247
TCGA-BC-A10X-01A	LIHC	1.0426062	0.485899244	0.008797796
TCGA-E9-A1R7-01A	BRCA	2.228676049	2.866913549	0.009904487
TCGA-GS-A9TW-01A	DLBC	4.222551859	4.743033734	0.565242615
TCGA-B0-5113-01A	KIRC	3.289273835	0.755321327	0
TCGA-37-3792-01A	LUSC	4.478499324	3.576775678	0.090032908
TCGA-KF-A41W-01A	SARC	4.269144363	4.949511176	0.013913665
TCGA-AQ-A7U7-01A	BRCA	3.806863188	3.055658968	0.065048649
TCGA-KO-8414-01A	KICH	3.744081001	3.694887852	0
TCGA-SX-A7SN-01A	KIRP	2.932557961	1.653939953	0
TCGA-C5-A1BF-01B	CESC	3.915687796	3.672253469	0.147422077
TCGA-B0-4945-01A	KIRC	2.414751748	0.642471484	0.006439538
TCGA-2G-AAGN-01A	TGCT	5.163857352	4.742371013	2.149728652
TCGA-B5-A11N-01A	UCEC	2.87937319	2.009890681	0.083651147

TCGA-26-5134-01A	GBM	4.068974563	4.369154247	0.907393809
TCGA-56-6546-01A	LUSC	3.37275632	4.328581448	1.535862136
TCGA-2J-AABF-01A	PAAD	3.533681147	2.589686907	0.17294998
TCGA-DJ-A2PU-01A	THCA	2.755342984	1.66350051	0
TCGA-EW-A2FR-01A	BRCA	2.498306166	2.64063603	0.034526894
TCGA-DX-A7EO-01A	SARC	4.444563913	3.537957418	0.761278077
TCGA-LN-A8IO-01A	ESCA	4.311629188	3.340516868	0.119441006
TCGA-LG-A9QC-01A	LIHC	2.521867965	2.052059989	3.91149389
TCGA-10-0933-01A	OV	3.681990549	5.02489813	0.618232814
TCGA-BJ-A0ZF-01A	THCA	2.679399649	1.446246846	0
TCGA-BA-A6DD-01A	HNSC	2.928276726	3.442722537	0.055972755
TCGA-68-7755-01A	LUSC	3.842354447	3.414545131	0.048779651
TCGA-63-A5MY-01A	LUSC	5.057541264	4.77822316	2.082753108
TCGA-G3-A25Z-01A	LIHC	1.429948666	1.92281324	0.075038464
TCGA-13-1511-01A	OV	3.584414284	3.906492232	0.007782865
TCGA-DX-A7EI-01A	SARC	3.194897257	4.737632596	0.44489904
TCGA-YZ-A980-01A	UVM	3.786360483	2.165730836	0
TCGA-BH-A42V-01A	BRCA	4.570527707	1.877668871	0.056984205
TCGA-AQ-A04J-01A	BRCA	3.55666464	3.094274541	0.097499377
TCGA-B0-5701-01A	KIRC	1.94505248	1.525895946	0.007926517
TCGA-CJ-4887-01A	KIRC	2.590263067	2.077829612	1.666800149
TCGA-BK-A13C-01A	UCEC	2.926264256	2.635235994	0.068418912
TCGA-B6-A1KN-01A	BRCA	3.729762428	3.673529189	0.057462993
TCGA-Q1-A6DW-01A	CESC	4.565481498	4.768384352	0.76851016
TCGA-BR-4257-01A	STAD	2.640124641	2.943725553	0.04192086
TCGA-EI-6511-01A	READ	2.928312379	4.197521415	0.314234518
TCGA-CK-4952-01A	COAD	4.687022686	4.107758464	1.234614301
TCGA-RX-A8JQ-01A	PCPG	3.096797282	2.141065471	0.005044779
TCGA-G9-6363-01A	PRAD	2.632809612	1.898001624	0.054721182
TCGA-ET-A25M-01A	THCA	3.008285792	3.3147413	0
TCGA-QR-A70M-01A	PCPG	3.466157722	2.514932893	0
TCGA-BC-A10W-01A	LIHC	2.355561673	3.595863928	0.351209684
TCGA-GJ-A3OU-01A	LIHC	2.869557164	2.442640863	0.090017662
TCGA-DX-AB36-01A	SARC	2.638257826	3.157385633	0
TCGA-XE-AAO4-01A	TGCT	5.077917312	4.951908426	1.174102345
TCGA-D1-A1NZ-01A	UCEC	3.717258201	2.666242145	0.406045776
TCGA-49-6761-01A	LUAD	2.309789107	2.807617152	0.075281183
TCGA-06-5411-01A	GBM	3.678839752	3.349516936	0.153014033
TCGA-S9-A6WM-01A	LGG	2.910115908	3.232716215	0.253676144
TCGA-CV-6003-01A	HNSC	3.267790598	4.67721384	0.671004326
TCGA-BR-4280-01A	STAD	4.334773886	3.354092901	0.824511572
TCGA-A2-A0SX-01A	BRCA	4.831156466	3.441381903	0.107899618
TCGA-H2-A3RI-01A	THCA	3.206034971	1.620823794	0
TCGA-AT-A5NU-01A	KIRP	2.779057141	1.097444685	0.003274302

TCGA-GV-A3JW-01A	BLCA	4.643145603	3.645951138	0.084978758
TCGA-85-7696-01A	LUSC	4.779943008	3.555978894	0.350269585
TCGA-OR-A5JD-01A	ACC	2.411964452	3.05691054	0.006399963
TCGA-CD-8526-01A	STAD	3.545839395	4.586222775	1.045107542
TCGA-L5-A43E-01A	ESCA	4.320646401	2.558883447	0.074585954
TCGA-B0-4690-01A	KIRC	3.540413501	2.479075188	0.073805287
TCGA-A2-A0T2-01A	BRCA	2.290294719	2.557862801	0.033945879
TCGA-FJ-A3ZF-01A	BLCA	4.503238626	3.897191695	1.126012995
TCGA-GV-A3JX-01A	BLCA	3.538630355	5.068215011	0.174398042
TCGA-CN-A63W-01A	HNSC	4.7492942	6.58080841	0.117607
TCGA-DX-A8BR-01A	SARC	3.329079186	4.140538113	0.006279861
TCGA-OL-A5S0-01A	BRCA	3.89483203	4.320024525	0.24366203
TCGA-DE-A4M8-01A	THCA	3.090554046	1.711503029	0.050175155
TCGA-E9-A3HO-01A	BRCA	4.621446895	5.109272177	0.127935656
TCGA-55-A48X-01A	LUAD	3.250052859	2.960736929	0.474255131
TCGA-BP-4961-01A	KIRC	2.977834691	1.109369814	0.1054658
TCGA-K1-A42W-01A	SARC	3.162879557	5.567600995	0
TCGA-EK-A2PI-01A	CESC	4.463760812	5.278114769	0.61031315
TCGA-22-4595-01A	LUSC	3.952380017	4.740576062	0.069182044
TCGA-SN-A84W-01A	TGCT	3.889700231	4.270646122	0.212970154
TCGA-BT-A20N-01A	BLCA	4.249320003	3.382906019	0.583285804
TCGA-HT-7855-01A	LGG	4.638124281	1.065948703	0
TCGA-A4-8311-01A	KIRP	3.484981866	1.33854446	0
TCGA-UT-A88E-01B	MESO	4.247926855	3.104727172	0.063082787
TCGA-BP-4759-01A	KIRC	3.944834501	1.390076961	0.004813406
TCGA-91-A4BD-01A	LUAD	3.599904851	2.103421365	0.207717808
TCGA-E2-A105-01A	BRCA	3.405638948	3.280596067	0.303907758
TCGA-S9-A7IY-01A	LGG	3.973522338	1.327548841	0.083647505
TCGA-SI-A71P-01A	SARC	2.962096958	2.885583928	0
TCGA-B0-5104-01A	KIRC	3.043920349	1.346660459	0.008721818
TCGA-HZ-A8P1-01A	PAAD	3.678159409	2.316647893	0.453454427
TCGA-BH-A0H5-01A	BRCA	3.423694542	1.730588714	0.04621242
TCGA-PG-A7D5-01A	UCEC	4.3618746	4.512700931	0.180802253
TCGA-AA-A01F-01A	COAD	3.357142512	3.595547338	0.140508843
TCGA-TQ-A7RO-01A	LGG	4.053076035	1.469089122	0.205236089
TCGA-AN-A0FN-01A	BRCA	2.440137713	1.764993437	0.017554005
TCGA-QR-A7OW-01A	PCPG	4.05679231	1.886232867	0
TCGA-WC-A883-01A	UVM	4.134255775	3.684933763	0.161133615
TCGA-4V-A9QR-01A	THYM	4.38434147	2.919800285	2.301506879
TCGA-2Z-A9JJ-01A	KIRP	2.468582279	2.340462963	0.608140254
TCGA-AX-A3FT-01A	UCEC	4.885796057	3.169695996	0.346980753
TCGA-AJ-A23M-01A	UCEC	4.258054747	4.901617102	0.589537913
TCGA-VD-A8KN-01A	UVM	4.314888852	2.0293569	0.027296773
TCGA-HU-A4G8-01A	STAD	4.236536205	3.337450611	0.720935287

TCGA-DU-A5TU-01A	LGG	4.769859373	1.668428214	0
TCGA-EW-A1P3-01A	BRCA	3.722173046	3.101708071	0.045682464
TCGA-2G-AAKO-01A	TGCT	4.844097049	3.976371548	0.356553181
TCGA-AR-A2LH-01A	BRCA	3.018664828	4.118340307	0.07968044
TCGA-DU-A7TG-01A	LGG	2.813430208	2.304942358	0.059511968
TCGA-AG-3578-01A	READ	4.280667363	2.814418677	0.125137803
TCGA-BQ-7049-01A	KIRP	2.767939535	1.385665274	0.010433384
TCGA-CN-5373-01A	HNSC	2.011421219	1.870118082	0.110468578
TCGA-HZ-8637-01A	PAAD	3.835046726	2.975465519	1.49283214
TCGA-GL-A9DE-01A	KIRP	2.700138132	1.626692181	0
TCGA-G4-6297-01A	COAD	3.051530859	3.544751282	1.265234449
TCGA-ET-A39K-01A	THCA	2.820706499	1.968345913	0.005135253
TCGA-CV-6945-01A	HNSC	3.41258242	3.220812914	0.027386483
TCGA-3U-A98H-01A	MESO	3.596110629	2.258895534	0.043651473
TCGA-A2-A1FX-01A	BRCA	4.115728571	4.597147827	0.094304239
TCGA-B0-4848-01A	KIRC	1.913819693	1.712629212	0.020335684
TCGA-EU-5907-01A	KIRC	2.078370189	1.254702161	0
TCGA-IG-A5B8-01A	ESCA	3.159120285	2.512213968	0.007893741
TCGA-CV-6938-01A	HNSC	2.609270047	2.666883007	0.047433997
TCGA-CZ-4862-01A	KIRC	3.063727133	2.344291802	0.006918771
TCGA-BR-A4QL-01A	STAD	4.356753987	2.908873464	2.486464784
TCGA-D1-A16S-01A	UCEC	3.915614723	4.013185049	0.432896288
TCGA-EO-A3AY-01A	UCEC	3.020608785	5.171158342	0.216839149
TCGA-DD-AADS-01A	LIHC	1.276465697	2.029292106	0.079238402
TCGA-AR-A24S-01A	BRCA	4.157199269	2.979788908	0.170924459
TCGA-S9-A6WE-01A	LGG	4.529289506	0.776739355	0.054745441
TCGA-BR-8682-01A	STAD	2.516810608	1.913401002	0.301795435
TCGA-V4-A9F4-01A	UVM	4.790690822	1.202375571	0.01387697
TCGA-25-1323-01A	OV	4.462212402	4.677779356	0.554381973
TCGA-3A-A9IS-01A	PAAD	2.687722692	1.918178058	0
TCGA-AD-A5EK-01A	COAD	4.981033313	4.298014933	1.865932534
TCGA-E2-A574-01A	BRCA	5.394483642	3.515764161	0.118883071
TCGA-LL-A50Y-01A	BRCA	3.411063652	3.298585471	0.088029647
TCGA-2G-AAG8-01A	TGCT	5.369718163	4.55414192	1.33495706
TCGA-AG-3893-01A	READ	3.618591516	3.63423959	0.237545525
TCGA-M9-A5M8-01A	ESCA	3.424401557	3.70686577	0.23442902
TCGA-05-4426-01A	LUAD	3.922330178	2.949316725	0.041946682
TCGA-HC-7075-01A	PRAD	2.590087961	1.324091005	0.086535635
TCGA-05-4390-01A	LUAD	3.316138283	4.58523438	0.090903386
TCGA-56-A4ZJ-01A	LUSC	3.423923742	2.537530654	0.112443154
TCGA-VS-A8EJ-01A	CESC	4.533200117	5.345910035	0.109204337
TCGA-AC-A7VB-01A	BRCA	4.668994174	4.545590763	0.103883439
TCGA-JV-A5VE-01A	SARC	3.598760263	5.265657993	0
TCGA-K4-A5RJ-01A	BLCA	3.634462593	4.396315417	0.28549798

TCGA-L4-A4E6-01A	LUAD	3.178233997	2.30742102	0.013946154
TCGA-AY-4071-01A	COAD	2.877578586	3.560160076	0.372565794
TCGA-77-7139-01A	LUSC	4.068269728	3.486746323	0.284774556
TCGA-W2-A7HB-01A	PCPG	3.660589315	2.612063571	0
TCGA-CH-5767-01A	PRAD	2.85630211	1.125620886	0.018559599
TCGA-93-8067-01A	LUAD	2.492021167	3.782537571	0.022605592
TCGA-VS-A9UB-01A	CESC	4.347376574	3.937288801	0.084253501
TCGA-2Z-A9J6-01A	KIRP3.110615525	1.269038539	0	
TCGA-5P-A9KF-01A	KIRP3.337505887	1.530779754	0.005853507	
TCGA-FG-8189-01B	LGG 2.134216461	2.358170526	0.018650318	
TCGA-ET-A3DQ-01A	THCA	1.977857737	0.805633903	0.047465218
TCGA-E2-A10B-01A	BRCA	2.198371143	3.255344067	0.046727455
TCGA-VS-A958-01A	CESC	4.204325444	4.721233506	0.773164318
TCGA-BP-5178-01A	KIRC1.779756102	1.319613263	0.008579618	
TCGA-BH-A0B6-01A	BRCA	1.860890902	1.97402003	0.027672344
TCGA-13-0924-01A	OV	2.939953347	4.05693279	0.021780164
TCGA-BR-8680-01A	STAD	3.978742025	3.486701976	0.272421966
TCGA-BA-4077-01B	HNSC	2.622806585	3.714286354	0.138736849
TCGA-BP-5173-01A	KIRC3.001888194	2.025421332	0.004768466	
TCGA-DD-AACT-01A	LIHC	1.634033327	2.185788573	3.589313088
TCGA-BK-A0CB-01A	UCEC	3.11922468	2.471768463	0.375368091
TCGA-DJ-A2PO-01A	THCA	3.017500384	2.845614201	0.01543294
TCGA-D8-A73X-01A	BRCA	3.782346417	2.330500276	0.032303843
TCGA-A2-A0T0-01A	BRCA	3.958000687	3.834296902	0.175576573
TCGA-AA-3678-01A	COAD	4.143234803	4.588938068	0.151088519
TCGA-A8-A082-01A	BRCA	2.357770178	3.221818168	0.085176041
TCGA-D8-A3Z5-01A	BRCA	3.72689707	2.304081183	0.042755693
TCGA-D8-A1JU-01A	BRCA	2.341908942	0.785155582	0
TCGA-TT-A6YO-01A	PCPG	2.251520318	2.5415168	0
TCGA-AR-A24N-01A	BRCA	3.196066187	2.731579342	0.105443413
TCGA-GD-A76B-01A	BLCA	2.431538908	3.32757747	0.091540242
TCGA-09-0367-01A	OV	4.150870633	2.874792848	0.119488844
TCGA-BJ-A28S-01A	THCA	3.696781809	1.285082299	0.01958789
TCGA-55-7727-01A	LUAD	3.684057942	3.350177538	0.066454478
TCGA-ET-A2N3-01B	THCA	4.225700107	3.293362955	0.005534676
TCGA-UZ-A9PX-01A	KIRP3.156388688	0.786388173	0	
TCGA-BH-A0DZ-01A	BRCA	2.364681106	2.778386927	0.03406753
TCGA-F2-6880-01A	PAAD	1.772664854	0.652398893	0
TCGA-61-1736-01B	OV	4.850855332	4.844836083	0.424774177
TCGA-G9-6370-01A	PRAD	2.357545889	1.079657374	0
TCGA-P3-A6SW-01A	HNSC	5.079327591	5.593017422	0.500331057
TCGA-AA-3872-01A	COAD	2.918288059	4.081591473	0.261662983
TCGA-LN-A4A9-01A	ESCA	3.434799915	2.973590662	0.441300193
TCGA-D5-6539-01A	COAD	2.864489764	3.587267896	0.274383846

TCGA-DD-A1EK-01A	LIHC	1.159093953	2.258809497	0.029245053
TCGA-EL-A3T3-01A	THCA	3.010317797	2.031029147	0
TCGA-CJ-5681-01A	KIRC1	742381371	3.09119066	0.898633583
TCGA-2J-AAB8-01A	PAAD	3.645334675	1.999451569	0.130310941
TCGA-J4-A6M7-01A	PRAD	2.811945724	1.498381451	0.167083786
TCGA-C5-A1MH-01A	CESC	3.725672396	3.830647841	0.257302594
TCGA-63-7020-01A	LUSC	3.756499231	3.653508311	0.016487341
TCGA-5M-AATA-01A	COAD	5.117801103	4.069418787	0.113759719
TCGA-24-1430-01A	OV	4.301589918	3.018916751	0.199696248
TCGA-B8-A8YJ-01A	KIRC3	1711111108	1.121017107	0.026591283
TCGA-VD-AA8O-01A	UVM	3.14829791	2.003250339	0.023504841
TCGA-EL-A3T8-01A	THCA	3.285074968	2.591553443	0
TCGA-AC-A8OQ-01A	BRCA	4.139689857	4.549409314	0.804934779
TCGA-56-7823-01B	LUSC	3.690870186	3.490645996	0.494236168
TCGA-S3-AA15-01A	BRCA	4.441472448	3.237206451	0.251834982
TCGA-55-8089-01A	LUAD	3.944334284	3.087223347	0.045964526
TCGA-JY-A93F-01A	ESCA	3.832720788	2.443970776	0.207861471
TCGA-E9-A6HE-01A	BRCA	3.666736912	3.82919146	0.09779426
TCGA-IN-A6RL-01A	STAD	4.547630136	3.4064402	0.33640714
TCGA-B0-5709-01A	KIRC2	163087268	1.590579247	0
TCGA-HT-8107-01A	LGG	2.70066063	2.439907446	0.022082599
TCGA-E2-A1L8-01A	BRCA	3.689988701	1.486791045	0
TCGA-R2-A69V-01A	CESC	4.208006671	3.621669886	0.082500871
TCGA-BH-A0BZ-01A	BRCA	2.827800836	4.183595286	0.24831949
TCGA-X6-A7WB-01A	SARC	2.797172297	5.388747705	0
TCGA-WC-A880-01A	UVM	4.003394181	1.958063937	0.006623685
TCGA-C5-A907-01A	CESC	4.425142774	4.814135017	0.528433752
TCGA-A5-A0GM-01A	UCEC	4.163996804	2.556215383	0.66741984
TCGA-AN-A0FX-01A	BRCA	4.004575724	3.495194924	0.027087361
TCGA-AA-3877-01A	COAD	3.974863037	3.438333979	0.240274782
TCGA-ZB-A96L-01A	THYM	4.369006415	2.364801417	0.586430862
TCGA-KL-8337-01A	KICH	3.432994045	2.624211194	0
TCGA-EA-A78R-01A	CESC	4.272184403	4.391913844	0.371493807
TCGA-B5-A0K7-01A	UCEC	4.487138293	2.326624027	0.255299758
TCGA-E1-5303-01A	LGG	3.382214948	1.901326055	0
TCGA-25-2404-01A	OV	2.934773002	4.197046547	0.05266463
TCGA-BJ-A18Z-01A	THCA	2.779248894	2.101682925	0
TCGA-UB-A7MD-01A	LIHC	1.488587489	2.137469175	0.17132663
TCGA-AO-A0JL-01A	BRCA	3.444488191	3.727046054	0.033102665
TCGA-FX-A48G-01A	SARC	3.248376895	3.385755204	0
TCGA-DX-AB2J-01A	SARC	4.021697754	2.373908272	0.067701635
TCGA-EU-5904-01A	KIRC2	960861628	0.989007396	0
TCGA-OR-A5LM-01A	ACC	1.723692521	2.647287982	0.0623881
TCGA-DU-A7TD-01A	LGG	3.492315298	3.966665408	0.507430509

TCGA-02-2486-01A	GBM	4.172702274	2.043003355	0.043592552
TCGA-D1-A17H-01A	UCEC	2.763051108	2.6539080	0.023605958
TCGA-IF-A4AK-01A	SARC	2.884242706	5.274664586	0.006826993
TCGA-AZ-4313-01A	COAD	3.473584146	4.79536809	0.417914303
TCGA-29-1762-01A	OV	4.823682068	4.912955767	0.057496897
TCGA-E9-A248-01A	BRCA	3.761918452	3.029686275	0.08461204
TCGA-HC-7077-01A	PRAD	2.703636195	1.760600434	0.055536087
TCGA-TS-A8AI-01A	MESO	2.956189962	2.926395894	0.173581855
TCGA-EI-6514-01A	READ	2.819913239	2.861963703	1.038118459
TCGA-CG-4304-01A	STAD	3.888882568	3.107273752	0.38511894
TCGA-BS-A0V6-01A	UCEC	3.500748122	2.637260852	0.07439852
TCGA-WY-A85E-01A	LGG	4.764107489	2.794641983	0
TCGA-CA-6718-01A	COAD	4.544126042	4.642799242	1.542427771
TCGA-DE-A0Y2-01A	THCA	2.068725228	2.333668097	0
TCGA-A8-A08J-01A	BRCA	2.757256522	3.802800811	0.054178005
TCGA-19-4065-01A	GBM	4.235070971	2.956885827	0.076183965
TCGA-CM-6161-01A	COAD	4.162832292	3.411614641	0.152903425
TCGA-ET-A40R-01A	THCA	2.583069283	2.31636868	0.02226342
TCGA-G8-6909-01A	DLBC	3.587732522	4.838142685	0.193468929
TCGA-13-0765-01A	OV	4.076988862	1.658361516	0.087661101
TCGA-XU-A92O-01A	THYM	4.917613644	3.140258119	2.136080794
TCGA-EJ-8472-01A	PRAD	4.167807072	2.360988324	0.096012829
TCGA-DM-A1HA-01A	COAD	5.080749738	3.82588679	0.853153643
TCGA-DD-A1EE-01A	LIHC	2.020215498	2.284782594	0.046940583
TCGA-IB-8126-01A	PAAD	2.463105344	1.083849153	0.016229879
TCGA-CE-A3ME-01A	THCA	3.968761896	2.947938952	0
TCGA-GC-A6I1-01A	BLCA	3.383661821	3.094659787	0.883221656
TCGA-E9-A229-01A	BRCA	3.79995449	2.624385707	0.119568489
TCGA-EM-A2CU-01A	THCA	2.362259658	1.531974006	0.013851339
TCGA-B1-7332-01A	KIRP	1.02460277	1.93808753	0
TCGA-77-7140-01A	LUSC	2.663191069	3.431215687	0.052472504
TCGA-18-3421-01A	LUSC	5.946781376	2.963670534	0.10242005
TCGA-55-6980-01A	LUAD	2.145507737	1.940896381	0.035769343
TCGA-QH-A6X4-01A	LGG	4.84023627	2.932006631	0.48236879
TCGA-HT-7601-01A	LGG	3.499409577	2.131313687	0
TCGA-E7-A8O7-01A	BLCA	3.121980493	1.27867999	0.096238467
TCGA-L5-A4OW-01A	ESCA	3.78173351	4.269220527	1.145400985
TCGA-97-7553-01A	LUAD	2.618866805	3.61372209	0.017909361
TCGA-ZQ-A9CR-01A	STAD	3.062783847	3.53118751	0.467304805
TCGA-06-0130-01A	GBM	3.628461266	3.602993067	0.554457955
TCGA-XU-AAXZ-01A	THYM	2.893886524	4.240848186	2.617252064
TCGA-SG-A6Z7-01A	SARC	4.116345005	4.646988879	0.14339535
TCGA-C5-A7XC-01A	CESC	4.347410923	4.202599178	0.449486059
TCGA-BC-A3KG-01A	LIHC	3.188400368	4.851281819	2.801377402

TCGA-AN-A0FT-01A	BRCA	2.777236278	2.81292996	0.073571427
TCGA-DI-A0WH-01A	UCEC	5.590399695	2.894019267	1.401429141
TCGA-BP-4341-01A	KIRC3	3.75373761	1.37144527	0.005388755
TCGA-LL-A5YO-01A	BRCA	3.723744318	4.337218116	0.389149937
TCGA-63-A5MJ-01A	LUSC	4.292516327	4.400416302	0.453035834
TCGA-AC-A7VC-01A	BRCA	3.814190776	4.267278549	1.039073051
TCGA-43-6773-01A	LUSC	2.749797283	3.552273087	0.186870879
TCGA-4C-A93U-01A	THCA	2.738751065	1.810230552	0.119437133
TCGA-EL-A3ZL-01A	THCA	4.042979907	2.75923904	0
TCGA-VD-A8KL-01A	UVM	4.849883861	1.76246084	0.024528311
TCGA-D1-A160-01A	UCEC	3.983978986	2.717041572	1.337451702
TCGA-AO-A12B-01A	BRCA	3.024655718	2.143923771	0.048819345
TCGA-B8-5551-01A	KIRC2	6.86794304	2.342845952	0.041635976
TCGA-CH-5748-01A	PRAD	3.320122833	1.513238852	0.082283207
TCGA-GJ-A9DB-01A	LIHC	2.883331207	3.131779367	0.279231252
TCGA-BR-6453-01A	STAD	2.94332402	2.931756077	0.34712924
TCGA-DX-AB2G-01A	SARC	3.106102685	3.07476094	2.589222027
TCGA-HT-7606-01A	LGG	4.421812526	3.3642896	0
TCGA-60-2704-01A	LUSC	3.656265935	3.149273044	0.077447811
TCGA-E8-A44M-01A	THCA	3.367895707	1.825874703	0.074189872
TCGA-55-5899-01A	LUAD	3.418551601	4.37194442	0.65027733
TCGA-EW-A1P1-01A	BRCA	2.605833323	1.877462091	0.028669263
TCGA-FU-A3HZ-01A	CESC	4.502137378	3.791064398	0.169618625
TCGA-DU-6401-01A	LGG	3.736437469	0.832720279	0
TCGA-25-1632-01A	OV	4.526209925	2.852132171	0.083544211
TCGA-85-A4JC-01A	LUSC	3.860116432	3.291009041	0.071424776
TCGA-YZ-A983-01A	UVM	4.463384208	2.951473916	0.034254894
TCGA-XU-A92Y-01A	THYM	4.30184552	3.896374303	4.438295142
TCGA-BA-6870-01A	HNSC	3.93733953	2.795430647	0.03297408
TCGA-G2-A2EC-01A	BLCA	3.000379369	1.463082041	0.058104631
TCGA-66-2795-01A	LUSC	4.512711159	2.871351726	0.329144951
TCGA-HV-A5A3-01A	PAAD	3.680304422	2.324761843	0.031032474
TCGA-FG-8182-01A	LGG	4.135385332	2.10114854	0
TCGA-CC-A5UC-01A	LIHC	3.689579827	3.629197538	0.240690144
TCGA-AQ-A04H-01B	BRCA	2.994135302	4.886174091	0.183327378
TCGA-EM-A3FN-01A	THCA	1.806203348	0.775789485	0
TCGA-2Z-A9JP-01A	KIRP	2.58134854	2.151000876	0
TCGA-EM-A2P2-01A	THCA	2.636778023	2.78775991	0
TCGA-A8-A07I-01A	BRCA	3.600173358	3.352571217	0.032053927
TCGA-A8-A07B-01A	BRCA	2.792305049	2.720561361	0.044067191
TCGA-22-5479-01A	LUSC	4.630561284	3.659476911	0.092359491
TCGA-50-5931-01A	LUAD	4.222980913	4.6194363	2.782120822
TCGA-SP-A6QC-01A	PCPG	3.387779306	1.127507345	0.008970773
TCGA-HT-7470-01A	LGG	3.161124521	1.835240605	0.00445793

TCGA-DD-A4NH-01A	LIHC	4.652475381	4.673762148	0.057990134
TCGA-YZ-A982-01A	UVM	3.711425731	2.761903695	0.033453967
TCGA-CE-A485-01A	THCA	3.37190226	1.804605019	0
TCGA-85-A512-01A	LUSC	5.710664647	4.269904292	0.200756282
TCGA-HT-A4DS-01A	LGG	3.675067248	4.398288126	0.730757213
TCGA-77-8144-01A	LUSC	4.121384985	3.981411985	0.118519291
TCGA-X3-A8G4-01A	TGCT	5.127637164	4.757868437	1.027384049
TCGA-P3-A6T2-01A	HNSC	4.000945916	3.513198971	0.528825622
TCGA-J2-8194-01A	LUAD	2.745637581	1.316665195	0.013928369
TCGA-VP-A875-01A	PRAD	4.593109056	1.527738945	0.191229496
TCGA-EJ-5497-01A	PRAD	2.602284825	1.025648069	0.011955614
TCGA-D8-A1JH-01A	BRCA	2.829089203	1.886131791	0.01871203
TCGA-JW-A5VI-01A	CESC	4.91503593	4.455350908	0.075157903
TCGA-77-8131-01A	LUSC	3.305194146	3.189758339	0.072074018
TCGA-EO-A22T-01A	UCEC	4.128590348	3.634103393	0.376304218
TCGA-85-7710-01A	LUSC	4.261217198	3.761124783	0.005216315
TCGA-BH-A0B8-01A	BRCA	3.430484433	3.491976754	0.138789158
TCGA-DK-A3IL-01A	BLCA	4.392022582	4.428518633	0.261330876
TCGA-F9-A7VF-01A	KIRP	2.788903639	2.281326308	0.009321607
TCGA-BR-8486-01A	STAD	2.797147377	3.565490261	0.286843993
TCGA-VQ-A8E3-01A	STAD	4.02193557	3.565902629	1.038364005
TCGA-A7-A13D-01B	BRCA	4.963983654	3.333365986	0.566460909
TCGA-GU-A767-01A	BLCA	4.354817672	3.472339138	0.167497297
TCGA-A2-A0YT-01A	BRCA	2.588511531	4.444135255	0.049492452
TCGA-ZF-AA4X-01A	BLCA	3.929574795	7.13377683	0.696265442
TCGA-VQ-A94O-01A	STAD	3.761366355	4.028980899	0.719584712
TCGA-OL-A97C-01A	BRCA	3.663920656	2.988964071	0.115851645
TCGA-YL-A8HM-01A	PRAD	3.958751954	3.537604041	0.219897854
TCGA-DY-A1DD-01A	READ	4.705647195	4.674301778	0.505986633
TCGA-HB-A3L4-01A	SARC	3.661643097	5.893280749	0.006337953
TCGA-AA-A01Q-01A	COAD	4.629813551	3.726411371	0.343855649
TCGA-FG-5962-01B	LGG	3.54320629	2.264870419	0.077707377
TCGA-A6-3810-01A	COAD	3.355419321	2.853020577	0.433258494
TCGA-AR-A1AP-01A	BRCA	3.559470599	3.206635417	0
TCGA-DZ-6132-01A	KIRP	1.964967893	2.001642814	0.009297142
TCGA-N6-A4VD-01A	UCS	4.259112746	3.834053986	0.437913842
TCGA-VQ-A91N-01A	STAD	3.548166055	4.743438613	1.198673452
TCGA-W5-AA2R-01A	CHOL	4.743587219	2.373919746	0.157932004
TCGA-73-7499-01A	LUAD	3.027073078	4.748763637	0.07644756
TCGA-57-1582-01A	OV	4.029251112	4.688623274	0.466060979
TCGA-A8-A083-01A	BRCA	2.848841502	2.211158991	0.047137169
TCGA-A1-A0SG-01A	BRCA	2.273782773	2.564446253	0.026495059
TCGA-A2-A3XU-01A	BRCA	5.03231775	3.652465055	0.301984256
TCGA-A2-A3KD-01A	BRCA	2.94187415	2.422550648	0.035612017

TCGA-KK-A8I9-01A	PRAD	4.290510605	1.651023536	0.014614747
TCGA-E2-A14O-01A	BRCA	3.237318383	2.664362833	0.005166739
TCGA-EM-A22M-01A	THCA	2.988986417	2.167238064	0.031968341
TCGA-ET-A3DS-01A	THCA	2.274664375	1.870786003	0.004770957
TCGA-B9-A5W7-01A	KIRP	2.790199224	1.317704706	0
TCGA-AA-3815-01A	COAD	3.599653065	3.918831433	0.625768449
TCGA-EK-A2IR-01A	CESC	4.69348085	4.77550568	2.626775067
TCGA-IQ-7632-01A	HNSC	2.394224872	2.169520793	0.042708355
TCGA-DB-A64U-01A	LGG	4.741032006	2.439952751	0.238430113
TCGA-61-2111-01A	OV	3.543859091	3.181292921	0.135823015
TCGA-FI-A2CX-01A	UCEC	3.357265037	2.767985768	0.099550734
TCGA-HF-A5NB-01A	STAD	3.374663166	3.178331724	0.517005568
TCGA-A2-A4RX-01A	BRCA	3.840367774	3.922656856	0.060804023
TCGA-F2-A8YN-01A	PAAD	3.111726835	2.107260903	0.222266041
TCGA-57-1584-01A	OV	4.056916288	2.908420503	0.550426822
TCGA-LN-A49W-01A	ESCA	3.564765981	3.065323798	0.122253849
TCGA-AY-6197-01A	COAD	4.419892452	3.512987007	0.578912943
TCGA-CD-8532-01A	STAD	2.881188918	3.897823879	0.244237161
TCGA-BP-4344-01A	KIRC	2.961910366	0.943050724	0.005584028
TCGA-DB-A4XA-01A	LGG	4.50279541	2.374008628	0.145689776
TCGA-CM-5868-01A	COAD	4.285559283	4.059867547	0.506684124
TCGA-B5-A0JY-01A	UCEC	4.690446379	4.020604985	0.389503426
TCGA-OR-A5JP-01A	ACC	3.064868237	3.760988316	0.340182333
TCGA-FG-A4MW-01A	LGG	3.340361195	3.980548361	0.242432357
TCGA-A5-A0GD-01A	UCEC	3.941609888	3.469833028	0.600200378
TCGA-BH-A18R-01A	BRCA	3.378478676	3.582256482	0.638179348
TCGA-05-5423-01A	LUAD	3.294768578	2.968988487	0.02728146
TCGA-63-7021-01A	LUSC	4.163762048	3.458374546	0.254560824
TCGA-DJ-A2PQ-01A	THCA	3.158392145	1.825167383	0
TCGA-63-A5MH-01A	LUSC	3.648462321	3.385797593	0.465149667
TCGA-25-2393-01A	OV	4.260736665	4.142706951	0.230621081
TCGA-B0-4843-01A	KIRC	2.924659952	2.045650624	0.007201695
TCGA-69-7980-01A	LUAD	2.922196356	4.241594769	0.121649254
TCGA-Y8-A898-01A	KIRP	3.045777489	1.124118805	0.009291817
TCGA-TM-A84J-01A	LGG	3.655922844	3.205459002	0.540712948
TCGA-BP-4807-01A	KIRC	2.190021778	1.824761805	0.006592784
TCGA-AG-A00C-01A	READ	4.48308632	3.881311125	0.387430029
TCGA-F5-6813-01A	READ	3.400424366	4.019685773	0.711175904
TCGA-AN-A0FD-01A	BRCA	3.920268534	2.013599199	0.112198315
TCGA-DK-A1A6-01A	BLCA	4.480154469	4.999018033	0.143857027
TCGA-WC-A87Y-01A	UVM	3.795579426	1.848152659	0.029870619
TCGA-BH-A0BT-01A	BRCA	3.592570439	2.031877388	0.005532476
TCGA-AP-A1DV-01A	UCEC	3.602303467	3.199796123	0.163500585
TCGA-3B-A9HO-01A	SARC	2.655092971	3.271485219	0.984428523

TCGA-AF-A56L-01A	READ	5.018084902	4.595902053	0.971962532
TCGA-AA-3976-01A	COAD	4.113437765	4.019169229	0.890747763
TCGA-V5-AASV-01A	ESCA	4.197862138	3.269482467	0.84296135
TCGA-F7-A61V-01A	HNSC	4.592222224	3.240637317	0.439468444
TCGA-E1-5311-01A	LGG	4.972804985	1.613184213	0.092983767
TCGA-CV-6943-01A	HNSC	1.507800449	1.79864412	0.053470118
TCGA-2Y-A9H7-01A	LIHC	2.555327427	2.103518646	0.256698988
TCGA-VS-A9V0-01A	CESC	4.160538325	3.821370959	0.230462079
TCGA-56-A4BX-01A	LUSC	4.688586826	3.147121133	0.217306527
TCGA-CK-5913-01A	COAD	2.805878756	3.655037738	0.29195039
TCGA-CL-4957-01A	READ	3.377307243	4.622611431	0.702355585
TCGA-H5-A2HR-01A	UCEC	5.48239033	5.536337717	1.112753934
TCGA-BL-A5ZZ-01A	BLCA	3.351831764	3.365860069	0.059689611
TCGA-PQ-A6FN-01A	BLCA	4.017719104	4.41925654	0.784443213
TCGA-21-A5DI-01A	LUSC	4.522568638	3.561503894	0.601631006
TCGA-NC-A5HT-01A	LUSC	4.785722528	2.512254714	0.638022673
TCGA-AP-A05P-01A	UCEC	3.562229023	2.06180294	0.053698305
TCGA-EK-A2R7-01A	CESC	4.194861322	5.760668475	0.523620887
TCGA-NH-A6GB-01A	COAD	4.703690505	4.948415698	0.658217359
TCGA-BH-A0BL-01A	BRCA	2.852896946	3.69938904	0.081972059
TCGA-AA-A02E-01A	COAD	3.820347316	3.480793108	2.521649505
TCGA-CH-5772-01A	PRAD	3.206450039	1.055461437	0.065957938
TCGA-AX-A3G9-01A	UCEC	4.673484242	3.233644005	0.275130186
TCGA-04-1514-01A	OV	3.963249572	4.558831307	0.317921458
TCGA-C8-A1HJ-01A	BRCA	4.701906967	3.530589159	0.518665006
TCGA-DK-AA6L-01A	BLCA	3.966811993	4.656618972	0.631289396
TCGA-BP-4981-01A	KIRC	3.215063136	1.927750698	0.026320566
TCGA-XK-AAJT-01A	PRAD	3.124542329	1.376575049	0.084062898
TCGA-A2-A04X-01A	BRCA	3.070498492	4.27865295	0.02374961
TCGA-L5-A43J-01A	ESCA	3.937536893	2.487221272	0.028047793
TCGA-SB-A76C-01A	TGCT	4.826151385	4.542027941	0.570744
TCGA-BG-A18B-01A	UCEC	3.615403268	2.492285915	0.398235768
TCGA-A6-6653-01A	COAD	2.704587905	3.649740037	0.710572561
TCGA-CV-6951-01A	HNSC	3.497134886	1.920088654	0.027659646
TCGA-36-1574-01A	OV	4.476288998	4.771925193	0.151508964
TCGA-B6-A0RU-01A	BRCA	3.216698959	4.192363692	0.120139308
TCGA-AO-A0JJ-01A	BRCA	2.749937322	2.537416605	0.189980616
TCGA-G4-6310-01A	COAD	3.327356133	3.129568258	0.820773977
TCGA-CR-7367-01A	HNSC	3.278972147	2.752121295	0.105511087
TCGA-BK-A0CA-01B	UCEC	4.683113122	2.041001759	0.154937229
TCGA-AO-A1KR-01A	BRCA	6.036211798	4.314267466	0.171393261
TCGA-90-7964-01A	LUSC	4.196151125	2.719481634	0.230808188
TCGA-62-A46P-01A	LUAD	3.705907487	1.391219347	0.01970334
TCGA-K4-A3WU-01B	BLCA	3.692620075	3.298883183	0.049981989

TCGA-CJ-4890-01A	KIRC2	556248057	1.767142323	0.01333817
TCGA-AR-A0TU-01A	BRCA	6.240267102	4.782033496	0.752399611
TCGA-E2-A14W-01A	BRCA	3.56619409	2.754757342	0.020454508
TCGA-34-5231-01A	LUSC	5.266350671	4.170104075	0.132816589
TCGA-CC-5264-01A	LIHC	2.323828185	4.257171843	0.596040748
TCGA-2Y-A9GU-01A	LIHC	2.198800889	1.645262031	0.429398119
TCGA-C5-A1M8-01A	CESC	3.563820119	5.65468644	0.212522931
TCGA-CV-7433-01A	HNSC	2.390803261	2.580129325	0.044048199
TCGA-CJ-6030-01A	KIRC2	563633745	1.324659892	0
TCGA-A2-A0EN-01A	BRCA	2.810374568	1.566495096	0.039155276
TCGA-EB-A3XC-01A	SKCM	3.803610096	4.304511279	0.657685632
TCGA-B0-4701-01A	KIRC4	377327806	2.159705306	0.035418622
TCGA-QS-A744-01A	UCEC	4.260592516	4.505455143	0.205794952
TCGA-G2-A3IB-01A	BLCA	4.371918908	2.447854167	1.200953544
TCGA-49-AAQV-01A	LUAD	3.246648512	4.064579554	0.263767355
TCGA-29-1688-01A	OV	4.428397408	4.521833942	0.178429544
TCGA-DD-A3A9-01A	LIHC	2.342570501	2.289396246	0.006774158
TCGA-BF-A1PZ-01A	SKCM	3.007955805	4.216297716	0.283438449
TCGA-DQ-5624-01A	HNSC	1.592648824	2.811551612	0.068970469
TCGA-CZ-5455-01A	KIRC2	472652966	1.96256388	0.020157559
TCGA-15-0742-01A	GBM	4.004959894	4.430892652	0.854288912
TCGA-D8-A1Y1-01A	BRCA	3.694618835	3.471866262	0.092315843
TCGA-HW-7489-01A	LGG	3.593446164	2.122728968	0.014643525
TCGA-02-0055-01A	GBM	3.723893029	2.831913766	0.213564628
TCGA-OL-A66H-01A	BRCA	4.2241391	3.042541884	0.037516964
TCGA-3X-AAVB-01A	CHOL	3.254505196	2.423249594	0
TCGA-CV-A6JE-01A	HNSC	3.507215492	3.311149449	0.582523782
TCGA-5X-AA5U-01A	OV	4.70779208	4.296135724	0.81870261
TCGA-A1-A0SQ-01A	BRCA	2.327523352	2.918579519	0.054913562
TCGA-27-2526-01A	GBM	2.416012841	3.254584574	0.033636709
TCGA-VP-A87J-01A	PRAD	2.5009428	1.209519607	0.048086906
TCGA-HW-8320-01A	LGG	4.299342876	1.788452009	0
TCGA-HC-8265-01B	PRAD	4.337259107	0.442331417	0.115541117
TCGA-CJ-4916-01A	KIRC3	095946004	1.278489559	0.008587763
TCGA-43-A474-01A	LUSC	4.059299418	3.12943614	0.407902938
TCGA-A5-A0R9-01A	UCEC	3.845921545	3.165997051	0.150384204
TCGA-VS-A8EC-01A	CESC	4.918705858	5.39061783	0.306393894
TCGA-BT-A42C-01A	BLCA	4.498282822	3.435337704	0.637145261
TCGA-BT-A20U-01A	BLCA	4.138852402	3.323799969	0.900020933
TCGA-66-2756-01A	LUSC	3.1059366	4.908185525	0.788112735
TCGA-IE-A6BZ-01A	SARC	1.527400686	2.877070529	0
TCGA-QC-A6FX-01A	SARC	2.596438066	2.344826192	0.042099145
TCGA-M7-A723-01A	PRAD	3.242233149	0.836024934	0
TCGA-D1-A16Y-01A	UCEC	3.850549715	4.368647862	1.557468687

TCGA-D8-A146-01A	BRCA	3.047880349	2.116658727	0.010301437
TCGA-86-8278-01A	LUAD	3.297365869	2.679203842	0.095047392
TCGA-37-4135-01A	LUSC	4.986791841	4.428068905	0.668779813
TCGA-LB-A7SX-01A	PAAD	3.964107202	3.663237498	0.38509322
TCGA-S9-A89Z-01A	LGG	4.453127769	2.753425274	0
TCGA-21-1070-01A	LUSC	5.101934394	3.866731671	0.257192714
TCGA-57-1583-01A	OV	4.682223861	3.662468495	0.437419164
TCGA-BR-7197-01A	STAD	2.633383135	4.306200467	0.90672926
TCGA-A2-A0EU-01A	BRCA	3.650020725	3.676831195	0.087584932
TCGA-J4-8200-01A	PRAD	2.986706968	1.022015389	0.036467339
TCGA-AP-A0L9-01A	UCEC	4.12597566	5.024399331	0.072693518
TCGA-B6-A0RH-01A	BRCA	3.432968351	2.626615056	0.004305557
TCGA-A2-A04Y-01A	BRCA	4.535628449	2.967792275	0.015445418
TCGA-DJ-A13S-01A	THCA	2.264549245	3.709810202	0
TCGA-49-4487-01A	LUAD	3.553073801	5.193216425	0.011898703
TCGA-05-4434-01A	LUAD	3.948769054	3.12909387	0.21707753
TCGA-EJ-7331-01A	PRAD	2.509401198	1.142286251	0.004469217
TCGA-60-2697-01A	LUSC	3.542895565	2.851519897	0.109133322
TCGA-2G-AALQ-01A	TGCT	4.30924123	5.02658132	0.182280775
TCGA-GC-A3BM-01A	BLCA	4.646055918	2.683487399	0.900760855
TCGA-2G-AALN-01A	TGCT	4.761052332	4.723425656	1.01645991
TCGA-66-2785-01A	LUSC	4.928892092	2.867619863	0.908132219
TCGA-TS-A7P8-01A	MESO	4.868422528	2.748790606	0.109678707
TCGA-W5-AA31-01A	CHOL	3.030577051	2.685276197	0.01001116
TCGA-S3-AA0Z-01A	BRCA	4.224840402	5.228468868	0.015498652
TCGA-HT-7694-01A	LGG	3.085220218	2.289175707	0.03268535
TCGA-V1-A8X3-01A	PRAD	3.426304724	1.472168441	0.005772146
TCGA-BH-A0H7-01A	BRCA	1.861272257	3.63113269	0.029262159
TCGA-ZF-A9R3-01A	BLCA	3.745587888	3.094321642	0.110531681
TCGA-04-1347-01A	OV	3.877948071	4.228276272	0.049258419
TCGA-55-6712-01A	LUAD	3.044651774	2.838617031	0.041086553
TCGA-AP-A0LV-01A	UCEC	3.65677696	2.991060806	0.390792319
TCGA-LP-A4AU-01A	CESC	4.160187348	4.156236646	0.11999961
TCGA-B7-A5TK-01A	STAD	2.744868825	2.54828881	0.101105729
TCGA-FV-A3I1-01A	LIHC	2.755517802	2.347679701	0.408550453
TCGA-CR-7388-01A	HNSC	3.553480291	2.618762079	0.9687469
TCGA-DD-AADF-01A	LIHC	2.565241235	5.399405317	3.216112237
TCGA-DB-A64L-01A	LGG	5.076154036	1.714323043	0.193895026
TCGA-62-8394-01A	LUAD	3.320609314	4.55621085	0.653061854
TCGA-HT-7604-01A	LGG	4.181869412	3.161638259	0
TCGA-CJ-4907-01A	KIRC	2.940253232	1.38544394	0.012686142
TCGA-J9-A8CK-01A	PRAD	3.941441199	1.687507808	0.060543412
TCGA-FE-A233-01A	THCA	3.05561329	2.720731836	0
TCGA-EM-A3OA-01A	THCA	3.171306477	2.184353669	0.007813297

TCGA-AH-6547-01A	READ	2.922765026	2.75865146	0.120900868
TCGA-B0-5109-01A	KIRC3	748607045	3.02603424	0.156792652
TCGA-XE-AAOD-01A	TGCT	4.84252472	4.613636309	0.567154031
TCGA-24-1563-01A	OV	3.936932401	3.126703535	0.0644832
TCGA-BK-A6W3-01A	UCEC	3.486222241	4.122939982	0.127850831
TCGA-RD-A8N0-01A	STAD	3.496510251	2.32977486	0.192283277
TCGA-LN-A9FQ-01A	ESCA	3.359888149	3.544387694	0.128241806
TCGA-AH-6644-01A	READ	3.553666713	3.363331415	0.165789351
TCGA-78-7145-01A	LUAD	1.508600195	2.852176668	0.029777495
TCGA-91-6829-01A	LUAD	2.776269246	3.08339436	0.067909067
TCGA-CC-A7II-01A	LIHC	5.443193906	4.830123632	2.646783873
TCGA-EY-A1H0-01A	UCEC	4.141289732	2.58612438	0.294933793
TCGA-61-2097-01A	OV	4.448667928	3.484182642	0.090967626
TCGA-05-4430-01A	LUAD	1.891664347	2.635081118	0.017450082
TCGA-HT-A5R7-01A	LGG	3.386246765	2.676071622	0.006942751
TCGA-BJ-A45K-01A	THCA	2.837119094	2.640769985	0.004933162
TCGA-QR-A700-01A	PCPG	3.067072851	4.028709822	1.372930079
TCGA-39-5039-01A	LUSC	2.719396944	2.161577185	0.02472017
TCGA-BR-8368-01A	STAD	3.239561511	3.418632504	0.373238046
TCGA-CR-7395-01A	HNSC	2.163468634	2.259837761	0.129570596
TCGA-BH-A0W4-01A	BRCA	3.315984545	2.074446038	0.043089542
TCGA-A4-7286-01A	KIRP	1.427388342	2.198409126	0
TCGA-C5-A1BM-01A	CESC	3.782322186	2.612862468	0.12849188
TCGA-C8-A12M-01A	BRCA	3.713499499	3.302049454	0.03764315
TCGA-B8-5546-01A	KIRC1	790843679	1.248246492	0
TCGA-GV-A40G-01A	BLCA	4.064960758	5.284411905	0.611447836
TCGA-W6-AA0S-01A	CHOL	4.560218712	3.245093878	0.131880777
TCGA-L9-A50W-01A	LUAD	3.315960358	2.934566009	0.114929893
TCGA-FY-A40M-01A	THCA	4.460570015	2.343317845	0.027653823
TCGA-VQ-A91D-01A	STAD	4.419332084	2.674621726	0.489122014
TCGA-HT-A61C-01A	LGG	4.369186592	5.255566499	0.929468678
TCGA-IN-8663-01A	STAD	3.710981466	3.275429011	0.004539384
TCGA-VN-A88K-01A	PRAD	4.085631621	1.212363977	0.060418422
TCGA-AA-3524-01A	COAD	4.085700658	3.896492301	0.985735741
TCGA-HT-A74J-01A	LGG	3.970625571	1.907736683	0.196597246
TCGA-DW-7841-01A	KIRP	3.793058622	1.849642555	0.005365148
TCGA-ZM-AA05-01A	TGCT	3.898504405	3.477933799	0.759122933
TCGA-BP-4173-01A	KIRC2	920285411	2.252745693	0.31918079
TCGA-2A-AAYF-01A	PRAD	2.346067784	0.832144314	0.052377584
TCGA-85-A510-01A	LUSC	5.302220091	5.075197385	1.147423342
TCGA-UD-AAC6-01A	MESO	3.655588004	2.766951389	0.046164241
TCGA-06-0190-01A	GBM	2.954618907	3.426415508	0.154755662
TCGA-CR-5249-01A	HNSC	2.639472723	3.493117233	0.221654669
TCGA-AO-A0JA-01A	BRCA	2.277879314	2.164544996	0.020535677

TCGA-60-2706-01A	LUSC	3.616411109	4.918481501	0.555397873
TCGA-A4-7734-01A	KIRP	2.39198665	1.951384195	0
TCGA-39-5034-01A	LUSC	3.143413407	3.534327225	1.071416789
TCGA-BW-A5NO-01A	LIHC	2.746659489	2.709222383	0.079534062
TCGA-BB-4223-01A	HNSC	5.505532053	5.359807107	1.153150702
TCGA-NA-A4QV-01A	UCS	4.130569854	4.082816884	0.067809357
TCGA-P5-A5F1-01A	LGG	3.342229055	1.243876349	0.0067591
TCGA-KL-8339-01A	KICH	4.11666309	3.559946693	0
TCGA-A4-A48D-01A	KIRP	1.19769103	1.22219075	0.006981754
TCGA-DD-AADP-01A	LIHC	2.528267552	2.600273552	0.438953868
TCGA-EA-A44S-01A	CESC	5.160136992	4.759041401	0.472742294
TCGA-35-4123-01A	LUAD	3.808871039	2.577501802	0.134851317
TCGA-BS-A0TI-01A	UCEC	4.338832558	4.014623121	0.218960558
TCGA-2Y-A9GS-01A	LIHC	2.95292899	3.896709523	0.331833386
TCGA-5P-A9JU-01A	KIRP	3.060049589	2.520954881	0.020826443
TCGA-W4-A7U3-01A	TGCT	4.55778585	3.984495586	0.161241356
TCGA-AC-A8OS-01A	BRCA	3.604911837	1.779158732	0.072290922
TCGA-QH-A6CW-01A	LGG	4.71270032	2.605625258	0
TCGA-FG-A4MX-01A	LGG	5.909476492	2.068033867	0.01179045
TCGA-FY-A3BL-01A	THCA	3.247478151	1.795352707	0
TCGA-DD-A11B-01A	LIHC	1.819472597	1.840314181	0.005128292
TCGA-BP-4331-01A	KIRC	3.505045794	2.450090436	0.185590103
TCGA-EM-A1CT-01A	THCA	3.035169112	1.893960052	0
TCGA-E8-A432-01A	THCA	2.713182039	2.79485538	0.028314294
TCGA-UB-AA0U-01A	LIHC	2.713234451	4.084276919	0.926746877
TCGA-FB-AAQ1-01A	PAAD	4.076469075	2.678500558	0.204120983
TCGA-69-7978-01A	LUAD	2.866015547	3.195636247	0.024651681
TCGA-CR-7377-01A	HNSC	1.731787365	2.323235985	0.058344194
TCGA-2H-A9GK-01A	ESCA	3.621636763	3.361127759	0.081824916
TCGA-DD-A1ED-01A	LIHC	1.397382673	0.301873348	0.004434012
TCGA-A3-3373-01A	KIRC	1.224662058	1.948224891	0.011723667
TCGA-EL-A4JW-01A	THCA	2.944080591	3.261492979	0.004950686
TCGA-MB-A8JK-01A	SARC	3.139080599	3.895240572	0
TCGA-OR-A5JM-01A	ACC	2.961850316	5.302893698	0.166018775
TCGA-QK-A6VC-01A	HNSC	4.58127679	2.801624883	0.102457201
TCGA-WB-A80N-01A	PCPG	4.898114005	1.314475789	0
TCGA-62-A472-01A	LUAD	4.874286413	3.186840236	0.097087775
TCGA-97-7546-01A	LUAD	2.62231927	2.526712606	0.129042955
TCGA-BG-A0YU-01A	UCEC	3.823081209	1.703001853	0.279836048
TCGA-G3-A5SL-01A	LIHC	2.542498464	1.303308616	0.015230803
TCGA-E7-A97P-01A	BLCA	2.761216821	2.787133201	0.217433023
TCGA-73-4666-01A	LUAD	4.712475914	4.713119355	0.095651478
TCGA-KK-A7AP-01A	PRAD	4.610145901	1.491949848	0.203893166
TCGA-DW-7836-01A	KIRP	2.672991308	2.101209279	0

TCGA-CQ-6219-01A	HNSC	2.69124816	4.146008264	0.23174522
TCGA-CJ-4900-01A	KIRC3	3.878742587	2.179410289	1.482501955
TCGA-XF-A9SV-01A	BLCA	3.400420643	3.199243474	0
TCGA-61-1995-01A	OV	4.843892294	4.586229248	0.460557708
TCGA-DI-A1NO-01A	UCEC	4.747673854	4.576297028	0.506647755
TCGA-E2-A14N-01A	BRCA	4.444561977	2.91233355	0.39776546
TCGA-G9-6356-01A	PRAD	3.006664587	1.381711845	0.035740054
TCGA-75-5147-01A	LUAD	3.700915936	3.527679537	0.268987008
TCGA-B2-5641-01A	KIRC1	1.971311067	1.210277433	0.034181071
TCGA-13-0923-01A	OV	2.973118392	4.185958506	0.057188193
TCGA-B6-A0I2-01A	BRCA	5.059788429	4.648295989	2.475439647
TCGA-BF-A9VF-01A	SKCM	2.710981759	4.894565357	0.015645435
TCGA-DX-A7ER-01A	SARC	4.10703304	3.9344713	0.036310889
TCGA-A3-3313-01A	KIRC3	4.61746458	1.784364306	0.014674061
TCGA-59-2351-01A	OV	3.877519352	4.592240774	0.120329625
TCGA-26-1442-01A	GBM	4.70868232	1.764121804	0
TCGA-DD-AADA-01A	LIHC	2.123053943	0.747486994	0.095567743
TCGA-AH-6544-01A	READ	3.357217802	4.085978215	0.339085766
TCGA-KN-8434-01A	KICH	2.804779335	2.398324054	0.004920628
TCGA-W5-AA2O-01A	CHOL	5.344911159	4.263886282	0.350351324
TCGA-21-1080-01A	LUSC	4.73075945	2.777348479	1.903938624
TCGA-94-A5I6-01A	LUSC	3.684307305	4.091343146	0.224759744
TCGA-DQ-5630-01A	HNSC	2.986213692	1.89002051	0.049420362
TCGA-HV-AA8V-01A	PAAD	2.860284682	1.952721278	0.006174085
TCGA-BH-A0BC-01A	BRCA	2.421001217	2.78393705	0.179675495
TCGA-HC-7080-01A	PRAD	3.622217821	1.654111088	0.053926588
TCGA-AC-A2FE-01A	BRCA	2.25530405	2.464006834	0.023907135
TCGA-AL-3471-01A	KIRP3	4.88549061	1.943983401	0
TCGA-66-2786-01A	LUSC	4.122324761	3.283911241	0.130201085
TCGA-X2-A95T-01A	SARC	3.410638345	4.363756853	0
TCGA-BG-A220-01A	UCEC	4.568816857	4.39959654	0.367173903
TCGA-BH-A1F5-01A	BRCA	4.48676541	1.257521998	0.039745616
TCGA-58-A46J-01A	LUSC	4.583821701	3.601380189	2.464772868
TCGA-B5-A11F-01A	UCEC	4.128322126	2.515591053	0.436813522
TCGA-D8-A1JI-01A	BRCA	1.84439198	2.817238241	0
TCGA-AR-A2LJ-01A	BRCA	3.083247669	2.877347207	0.098765743
TCGA-S7-A7WN-01A	PCPG	3.011277948	2.826616481	0.004403413
TCGA-CV-A6JU-01A	HNSC	3.612650613	3.359981732	0.09857346
TCGA-HZ-A49I-01A	PAAD	3.191611697	1.654283086	0.022833497
TCGA-W5-AA2H-01A	CHOL	5.143678946	2.762184695	0.402072224
TCGA-S9-A6U2-01A	LGG	3.965975817	1.554779101	0.043197901
TCGA-FE-A230-01A	THCA	1.986209971	2.005538617	0.021480718
TCGA-A5-A2K3-01A	UCEC	3.509149772	4.56941715	0.128854727
TCGA-A8-A079-01A	BRCA	3.978260972	4.959961385	0.032320272

TCGA-BP-5010-01A	KIRC	2.457277392	1.607426918	2.406043559
TCGA-GC-A3WC-01A	BLCA	4.42625194	3.047226181	0.866439978
TCGA-56-A4BY-01A	LUSC	4.3286293	3.606795031	0.195936245
TCGA-EJ-5503-01A	PRAD	2.41768725	1.379799471	0.014015806
TCGA-AG-3608-01A	READ	4.126541367	4.861810078	0.676817533
TCGA-BB-4225-01A	HNSC	4.332545197	5.386434805	0.07124198
TCGA-ED-A7XP-01A	LIHC	2.458940842	2.181670061	0.012299221
TCGA-QK-A6II-01A	HNSC	3.662751907	2.422664571	0.219657945
TCGA-60-2710-01A	LUSC	2.809870358	3.788494203	0.139670912
TCGA-BF-AAOU-01A	SKCM	2.914041018	3.813396719	0.370506265
TCGA-AD-6895-01A	COAD	4.114738052	3.909833065	0.242920333
TCGA-DD-AADJ-01A	LIHC	2.470883744	2.086407262	0.070805731
TCGA-NH-A50U-01A	COAD	4.968746615	3.682057617	0.392665685
TCGA-YL-A8HO-01A	PRAD	3.649146796	2.370769392	0.031803124
TCGA-J4-AATV-01A	PRAD	3.24166898	1.422714004	0.052117008
TCGA-AA-A01Z-01A	COAD	4.3322366	4.609262834	0.237282399
TCGA-05-4403-01A	LUAD	1.575442298	2.06201189	0.012716616
TCGA-DB-A4XF-01A	LGG	4.021327465	2.516308606	0
TCGA-DE-A4M9-01A	THCA	2.838112116	1.299844089	0
TCGA-D1-A179-01A	UCEC	4.136811742	4.332499638	0.641020767
TCGA-CR-7374-01A	HNSC	3.936486481	3.797582063	0.036603454
TCGA-2J-AABU-01A	PAAD	2.891649239	2.759018233	0.217773556
TCGA-BR-A44T-01A	STAD	3.491459599	2.198424596	0.18750241
TCGA-B8-A54D-01A	KIRC	3.727334098	3.148944903	0.144247398
TCGA-2G-AAGJ-01A	TGCT	6.19295381	3.943931135	1.735656823
TCGA-F1-A72C-01A	STAD	3.995784462	3.88737958	0.191532971
TCGA-66-2788-01A	LUSC	3.902743958	2.368887192	0.321132059
TCGA-39-5027-01A	LUSC	4.23262529	3.79888403	0.308309904
TCGA-SX-A7SS-01A	KIRP	3.222897397	2.073836635	0.008052082
TCGA-66-2771-01A	LUSC	5.036891462	2.881333643	0.122575752
TCGA-55-8205-01A	LUAD	4.756737682	3.909957991	0.8212652
TCGA-YL-A8SL-01B	PRAD	4.304182302	2.525643942	0.462019187
TCGA-2J-AABI-01A	PAAD	4.800392016	3.199194065	1.678804003
TCGA-4X-A9FB-01A	THYM	4.911211603	4.209070872	2.273403004
TCGA-OR-A5KV-01A	ACC	3.151756296	2.513034193	1.978414852
TCGA-HT-A74O-01A	LGG	4.647981688	2.701573659	0
TCGA-VP-A87C-01A	PRAD	3.642881118	1.661567399	0.132652479
TCGA-DJ-A1QQ-01A	THCA	2.727069215	1.960644049	0
TCGA-A8-A07W-01A	BRCA	2.357086997	4.447228996	0.051726958
TCGA-DX-A6YS-01A	SARC	3.219309552	3.183501244	0
TCGA-36-1570-01A	OV	4.330833566	4.348972056	0.124105802
TCGA-E6-A2P8-01A	UCEC	4.697967433	4.159293622	1.905378847
TCGA-YC-A9TC-01A	BLCA	5.222614163	4.090635252	2.352513456
TCGA-FR-A728-01A	SKCM	3.343832766	3.847187765	0.301607983

TCGA-ET-A25L-01A	THCA	2.477330668	2.247896701	0
TCGA-E1-A7YQ-01A	LGG	2.939006159	2.994316221	0.274917885
TCGA-25-1626-01A	OV	3.282051646	3.935932358	0.139878269
TCGA-S9-A6TX-01A	LGG	4.542642559	3.172658919	0.311603746
TCGA-ZB-A96C-01A	THYM	4.157829026	1.16654676	0.795718364
TCGA-69-8253-01A	LUAD	3.189291502	1.307091548	0.014527
TCGA-2Y-A9HB-01A	LIHC	2.275506028	1.308729863	0.055298711
TCGA-BH-A0E9-01B	BRCA	3.059206324	2.482945214	0.016329582
TCGA-AC-A2FK-01A	BRCA	3.323002899	0.864746538	0.006745031
TCGA-FU-A3HY-01A	CESC	4.029716681	4.611758441	0.611892502
TCGA-CH-5741-01A	PRAD	2.503645308	0.886625546	0.053752831
TCGA-A5-A2K5-01A	UCEC	4.149207684	3.996193604	1.059678613
TCGA-C8-A26W-01A	BRCA	3.688950027	3.746716759	0.224915388
TCGA-BR-8369-01A	STAD	2.852368126	2.925537012	0.306415469
TCGA-HT-8111-01A	LGG	4.077081774	2.179119255	0
TCGA-24-2020-01A	OV	4.414377972	5.095242624	1.435271772
TCGA-FE-A232-01A	THCA	2.371884174	2.558235563	0.005024545
TCGA-ZB-A96G-01A	THYM	5.14361136	4.405105349	2.790065252
TCGA-FG-7638-01B	LGG	3.625465928	2.314864768	0.072862348
TCGA-BR-4367-01A	STAD	2.360968731	2.821666462	0.058360933
TCGA-44-7671-01A	LUAD	1.918391081	2.604069418	0.029480777
TCGA-AF-2690-01A	READ	3.410430133	3.679647185	0.117410692
TCGA-AA-3860-01A	COAD	3.396209891	4.583272927	1.639431091
TCGA-HT-7607-01A	LGG	2.797999334	2.033926478	0.036639402
TCGA-A8-A07U-01A	BRCA	3.33606178	3.649726515	0.191553158
TCGA-UZ-A9PV-01A	KIRP	3.193569541	2.147052168	0
TCGA-FG-A70Y-01A	LGG	4.343067664	1.643683873	0.005661509
TCGA-DB-A4XE-01A	LGG	4.266204729	3.329682095	0.013794502
TCGA-MP-A4SV-01A	LUAD	4.651152936	3.911095077	0.318290549
TCGA-A7-A26E-01B	BRCA	3.300806107	0.805342937	0
TCGA-FD-A5BY-01A	BLCA	4.001939566	4.065587207	0.353884114
TCGA-BH-A0AY-01A	BRCA	2.897426963	3.155215231	0.023203419
TCGA-EM-A1YB-01A	THCA	1.757336335	3.418053288	0
TCGA-D5-6923-01A	COAD	4.158082678	4.787140808	0.720522219
TCGA-AL-3467-01A	KIRP	3.384050642	1.333171215	0
TCGA-S9-A89V-01A	LGG	3.450346292	0.802683858	0
TCGA-IN-A6RS-01A	STAD	3.719939279	3.475271463	0.50275304
TCGA-66-2753-01A	LUSC	4.068678369	3.358983335	0.046289463
TCGA-HV-AA8X-01A	PAAD	2.898593624	3.053580242	0.180510399
TCGA-AF-5654-01A	READ	4.19682563	3.337008224	0.51712929
TCGA-DZ-6134-01A	KIRP	0.988986676	0.970935958	0
TCGA-A2-A0YK-01A	BRCA	3.161639592	2.17290863	0.06455357
TCGA-EZ-7264-01A	LGG	5.175098627	1.922707745	0.066420706
TCGA-ZJ-AAXD-01A	CESC	4.336890921	4.52057153	1.105849932

TCGA-AG-3894-01A	READ	3.774011312	3.113549936	0.370303268
TCGA-AA-3510-01A	COAD	3.664438749	4.471306807	2.139726355
TCGA-DV-5575-01A	KIRC2	920182019	2.853770659	0.017278302
TCGA-DV-5565-01A	KIRC2	801435467	0.950236863	0.005642022
TCGA-QH-A6CS-01A	LGG	2.414315293	2.048772055	0
TCGA-BJ-A191-01A	THCA	4.606963436	1.500849456	0.062812964
TCGA-77-A5GA-01A	LUSC	4.96111891	4.027318384	0.166275001
TCGA-2G-AAG9-01A	TGCT	4.870597266	4.325509184	0.652879053
TCGA-A7-A0DC-01A	BRCA	4.25458365	2.026776009	0.186376738
TCGA-BR-8366-01A	STAD	3.280579469	2.274176794	0.008776266
TCGA-AG-3602-01A	READ	3.874309091	3.43024043	0.125960318
TCGA-EM-A22L-01A	THCA	2.154842925	1.701849426	0
TCGA-A8-A09K-01A	BRCA	3.35574768	3.92738738	0.044306881
TCGA-2F-A9KR-01A	BLCA	3.409892743	2.997658696	0.114465265
TCGA-EL-A3GO-01A	THCA	2.6793355	2.221834333	0
TCGA-ZG-A8QX-01A	PRAD	2.826527214	1.560101979	0.011125428
TCGA-BR-6801-01A	STAD	2.273808424	2.914967888	0.253084664
TCGA-12-5299-01A	GBM	3.145111268	2.445894538	0.105688497
TCGA-DV-A4W0-01A	KIRC3	942116961	2.119384235	0.026325225
TCGA-04-1365-01A	OV	4.288552557	4.86148342	0.192754635
TCGA-CH-5792-01A	PRAD	2.49490522	1.932209808	0.007386923
TCGA-V4-A9EH-01A	UVM	4.156666844	2.630393393	0
TCGA-G9-7522-01A	PRAD	1.902491007	0.955973909	0
TCGA-E2-A15E-01A	BRCA	3.470019617	2.990760224	0
TCGA-DD-AA3A-01A	LIHC	5.165014985	4.506547797	0.441882955
TCGA-MQ-A6BS-01A	MESO	3.38584164	2.836150764	0.112381539
TCGA-06-0168-01A	GBM	2.637378064	4.324469272	0.145647978
TCGA-OL-A5D8-01A	BRCA	3.712177196	2.721303317	0.055827921
TCGA-13-0725-01A	OV	4.604261686	3.993051137	0.46480222
TCGA-IB-A6UF-01A	PAAD	4.184891692	2.061166341	0.012905037
TCGA-B5-A0K8-01A	UCEC	3.262931285	3.085881241	0.095269919
TCGA-66-2781-01A	LUSC	5.067075996	3.158398802	0.203212599
TCGA-OR-A5K8-01A	ACC	2.393003067	4.030499285	0
TCGA-5P-A9JZ-01A	KIRP	2.5767327	1.639595631	0.033583055
TCGA-A2-A04R-01A	BRCA	3.938347867	3.863335694	0.040913896
TCGA-41-2572-01A	GBM	3.595807554	3.376540994	0.530928757
TCGA-CA-6716-01A	COAD	3.470964779	2.339014941	0.097826909
TCGA-D7-6818-01A	STAD	1.884870517	4.388337928	0.549982547
TCGA-OL-A5RW-01A	BRCA	5.351249173	5.298828125	0.690833185
TCGA-A4-8098-01A	KIRP	4.619343678	2.863367548	0.068672711
TCGA-C9-A47Z-01A	HNSC	3.59039028	2.383841067	0.107956921
TCGA-DX-A2IZ-01A	SARC	4.673035702	2.9448682	0.156908105
TCGA-DK-A2I4-01A	BLCA	3.956550937	3.842478666	0.320378487
TCGA-KC-A7F3-01A	PRAD	3.736800812	1.263242841	0.10505509

TCGA-G6-A5PC-01A	KIRC3	0.057483548	1.756959391	0.030201995
TCGA-DD-AAVY-01A	LIHC	1.802914552	0.816984697	0.289722703
TCGA-25-1315-01A	OV	4.470544772	4.251871891	0.164589325
TCGA-44-7672-01A	LUAD	2.907122981	3.523461454	0.016215843
TCGA-XE-AAOF-01A	TGCT	4.964886531	4.305498149	0.507144793
TCGA-XK-AAJ3-01A	PRAD	3.67267663	1.947562981	0.05953021
TCGA-24-1423-01A	OV	3.919209264	4.094466182	0.079973296
TCGA-B6-A1KC-01B	BRCA	3.098056019	3.440323996	0.077165559
TCGA-AA-3549-01A	COAD	3.969963334	3.263435331	0.641690403
TCGA-V4-A9EW-01A	UVM	5.243580559	1.71500354	0.040598146
TCGA-RD-A8N6-01A	STAD	4.543072972	3.372923818	1.400915266
TCGA-BP-4998-01A	KIRC3	1.151399445	1.648410995	0.003933556
TCGA-C5-A901-01A	CESC	4.177996596	4.45719481	0.010732718
TCGA-E1-A7YJ-01A	LGG	4.308953292	2.910905849	0.532708821
TCGA-A3-3306-01A	KIRC3	0.821597708	1.32100146	0
TCGA-ZC-AAA7-01A	THYM	4.117620059	4.539353493	2.374077662
TCGA-J8-A3O1-01A	THCA	3.804221351	1.735828177	0.105998845
TCGA-D8-A27M-01A	BRCA	3.447133678	3.175719338	0.165713277
TCGA-B1-A655-01A	KIRP	1.481769868	1.176077559	0
TCGA-CQ-5327-01A	HNSC	3.297798626	2.680474209	0.292497479
TCGA-22-5478-01A	LUSC	2.728836798	2.904449102	0.058234754
TCGA-25-1329-01A	OV	3.178446715	4.759047182	0.200158083
TCGA-MK-A4N6-01A	THCA	2.343291701	2.424692667	0
TCGA-DD-AACE-01A	LIHC	1.474390708	2.170504093	1.440198898
TCGA-CR-6488-01A	HNSC	3.274319775	2.712959631	0.11471302
TCGA-56-7223-01A	LUSC	4.0538455	4.050717925	1.011839056
TCGA-QK-A8Z7-01A	HNSC	5.097349115	4.19366805	0.280125565
TCGA-V5-A7RC-01B	ESCA	3.7881381	3.77299947	0.133779511
TCGA-V1-A8WS-01A	PRAD	3.929195497	1.83895627	0.441875933
TCGA-HU-A4GF-01A	STAD	3.09498881	4.182799079	1.231802437
TCGA-85-A511-01A	LUSC	4.771875429	3.417690415	0.570025868
TCGA-06-0178-01A	GBM	5.386625618	3.260706301	0.007833214
TCGA-D7-8579-01A	STAD	2.380272578	2.042659365	0.05908926
TCGA-D5-6931-01A	COAD	3.934150332	3.532355605	0.303745823
TCGA-CQ-5326-01A	HNSC	2.747154333	2.941027618	0.021954836
TCGA-B0-5092-01A	KIRC3	0.821876012	2.320462151	0.012777746
TCGA-D5-6538-01A	COAD	4.406538378	3.46998394	0.438546681
TCGA-B6-A0RO-01A	BRCA	1.453278707	2.557245628	0.06226365
TCGA-AA-3858-01A	COAD	3.662489236	4.700497128	0.482875557
TCGA-C8-A26X-01A	BRCA	4.261746129	3.239279664	0.109705229
TCGA-BJ-A3F0-01A	THCA	1.298368711	2.542517462	0
TCGA-2K-A9WE-01A	KIRP	2.807870446	1.291460159	0.01281305
TCGA-95-7948-01A	LUAD	4.165054617	3.488281142	0.024031291
TCGA-VD-AA8P-01A	UVM	3.307585572	2.345665461	0.019867144

TCGA-MU-A8JM-01A	CESC	4.078949246	3.913300011	0.059934741
TCGA-SX-A71V-01A	KIRP	2.596568864	1.85003531	0
TCGA-W2-A7H7-01A	PCPG	4.080362053	1.755866199	0.007246373
TCGA-26-5139-01A	GBM	3.515452594	2.488376031	0.416493911
TCGA-RD-A7C1-01A	STAD	3.889568881	4.728578062	1.190995453
TCGA-DD-A115-01A	LIHC	1.509047396	3.527266159	3.267761525
TCGA-A7-A0CJ-01A	BRCA	4.652643946	4.178315224	1.812188634
TCGA-33-4538-01A	LUSC	4.530932034	3.193909829	0.117071362
TCGA-EM-A3SY-01A	THCA	2.018410305	3.005573593	0.004885205
TCGA-B0-4712-01A	KIRC	2.305455056	2.57246222	0.025048728
TCGA-IB-7893-01A	PAAD	1.90851637	2.58481808	0.00913029
TCGA-KO-8404-01A	KICH	4.33088021	5.293495165	0
TCGA-IG-A8O2-01A	ESCA	4.638879489	3.043596165	0.199570588
TCGA-A3-3367-01A	KIRC	3.981065724	1.148236911	0.055605789
TCGA-WB-A81R-01A	PCPG	3.228094741	1.112466965	0
TCGA-BK-A0CC-01A	UCEC	4.041634674	3.573897249	0.396853797
TCGA-QR-A70R-01A	PCPG	3.772463986	2.187363669	0
TCGA-A6-A56B-01A	COAD	4.869455414	5.045128896	1.363198288
TCGA-IG-A3I8-01A	ESCA	4.405211671	3.716364272	0.797863013
TCGA-GR-7351-01A	DLBC	3.969063317	5.058584908	0.311858555
TCGA-FU-A5XV-01A	CESC	3.768682542	3.78971494	0.14135223
TCGA-VD-AA8N-01A	UVM	3.783547648	2.00413418	0.038423583
TCGA-BR-7196-01A	STAD	3.368562687	4.042831418	0.065107882
TCGA-4Z-AA84-01A	BLCA	3.85910601	3.968705774	1.15561105
TCGA-JX-A3Q0-01A	CESC	3.701347155	4.149577754	0.546887029
TCGA-OR-A5K6-01A	ACC	2.016329005	2.240338763	0.006729892
TCGA-77-A5G7-01B	LUSC	5.965073223	4.384570781	0.550940342
TCGA-AX-A0IZ-01A	UCEC	4.10566704	3.062131809	0.268065841
TCGA-A6-2680-01A	COAD	3.623336165	4.592725944	0.449315389
TCGA-28-5215-01A	GBM	3.252403568	4.537749729	0.198409638
TCGA-GD-A6C6-01A	BLCA	3.398621679	4.948342259	0.541083402
TCGA-WK-A8XZ-01A	SARC	3.174596019	5.114737984	0.005400632
TCGA-AZ-5407-01A	COAD	4.250230388	3.132461312	0.050260426
TCGA-D1-A17S-01A	UCEC	3.683822747	1.758097296	0.339482041
TCGA-XP-A8T8-01A	ESCA	3.971653795	3.841840362	0.125806138
TCGA-5R-AA1D-01A	LIHC	2.062293466	0.740115945	0.006459334
TCGA-49-6744-01A	LUAD	2.240218037	2.119103816	0.057152065
TCGA-EB-A42Z-01A	SKCM	3.144166865	3.86603135	0.009595956
TCGA-ZP-A9D4-01A	LIHC	2.414461509	2.068324101	1.417654445
TCGA-WB-A80K-01A	PCPG	3.486113522	1.541283262	0
TCGA-EJ-7781-01A	PRAD	2.960666155	1.19310803	0.179982709
TCGA-LL-A740-01A	BRCA	2.717264431	2.722043067	0.005735734
TCGA-BR-6709-01A	STAD	3.08007595	3.39589508	0.081170915
TCGA-DW-7963-01B	KIRP	1.940780025	2.37443463	0

TCGA-CH-5762-01A	PRAD	3.575007866	1.170042506	0.041400671
TCGA-55-6983-01A	LUAD	2.299038508	2.25029232	0.044871574
TCGA-BG-A186-01A	UCEC	3.68316496	1.615025211	0.217295576
TCGA-DX-AB35-01A	SARC	2.36178016	5.333043396	0
TCGA-D7-8570-01A	STAD	2.544214433	4.771405617	0.054619822
TCGA-AP-A051-01A	UCEC	3.801449614	2.80578968	0.812866208
TCGA-25-2400-01A	OV	3.311084218	5.040097711	0.312321957
TCGA-HU-A4H3-01A	STAD	4.055777783	2.867948873	0.635658852
TCGA-BP-5190-01A	KIRC2	1.30095959	1.971669966	0
TCGA-EJ-8468-01A	PRAD	2.603129511	1.132170676	0
TCGA-BA-A6DE-01A	HNSC	3.356368052	2.758404907	0.351977772
TCGA-Q1-A73P-01A	CESC	3.829626226	5.463829165	0.245778642
TCGA-25-2401-01A	OV	3.799519055	4.193528441	0.05528136
TCGA-N9-A4PZ-01A	UCS	2.952439143	4.130775092	0.323136147
TCGA-4Z-AA81-01A	BLCA	3.935588988	4.850094869	0.206989647
TCGA-QQ-A8VD-01A	SARC	1.878992489	1.354007306	0
TCGA-CM-4751-01A	COAD	4.136164199	3.715387175	0.319294351
TCGA-CR-7373-01A	HNSC	3.324233451	2.879823987	0.32296332
TCGA-FY-A3I5-01B	THCA	2.895437053	1.577318635	0.008867733
TCGA-X7-A8DJ-01A	THYM	4.996524251	4.21610705	2.426036772
TCGA-E7-A7DU-01A	BLCA	3.880229491	3.007321328	0.161965827
TCGA-DD-AAW2-01A	LIHC	2.41653766	2.177458108	0.187072741
TCGA-DJ-A3VA-01A	THCA	3.278168127	2.667343833	0.008434471
TCGA-B0-5711-01A	KIRC3	1.101689525	1.415940377	0.020093957
TCGA-AA-3862-01A	COAD	3.966551572	3.610148131	0.37126047
TCGA-AP-A05D-01A	UCEC	2.405817411	5.297048781	0.032615799
TCGA-P5-A5EZ-01A	LGG	3.572985857	2.978746572	0
TCGA-DX-A23T-01A	SARC	2.102170754	2.573300281	0.021884463
TCGA-D8-A1XQ-01A	BRCA	4.476389174	3.764212836	0.119970523
TCGA-DD-AACB-01A	LIHC	2.727280648	2.920453137	0.333818118
TCGA-D6-6823-01A	HNSC	3.95701098	3.669355037	0.176908534
TCGA-D6-A4ZB-01A	HNSC	4.016496828	3.154319373	0.179127531
TCGA-CN-5358-01A	HNSC	2.486676265	2.068208059	0.060339501
TCGA-A6-5657-01A	COAD	3.624217604	3.930432795	0.387781751
TCGA-2F-A9KQ-01A	BLCA	3.478280707	2.362945683	0.249918959
TCGA-2Z-A9J8-01A	KIRP	2.839278265	1.67959388	2.138321247
TCGA-2J-AABR-01A	PAAD	3.024083789	2.257628558	0.035318463
TCGA-DX-A3UF-01A	SARC	2.12991569	5.728115088	0
TCGA-A5-A0GN-01A	UCEC	3.154717711	1.590474512	0.069809371
TCGA-DX-A2J1-01A	SARC	2.417183161	3.556746494	0
TCGA-EM-A22P-01A	THCA	3.620745539	2.042879917	0.009830196
TCGA-67-6217-01A	LUAD	2.811438739	1.654603742	0.047236833
TCGA-B0-4693-01A	KIRC2	1.738646705	1.255055012	0.089758547
TCGA-ZF-A9R4-01A	BLCA	4.030259829	2.793381619	1.046295609

TCGA-CR-7397-01A	HNSC	2.032483849	2.823230803	0.06155616
TCGA-MT-A67A-01A	HNSC	4.383116846	3.147414729	0.518257852
TCGA-AG-A02G-01A	READ	3.761193393	4.108361309	0.462298403
TCGA-4Z-AA83-01A	BLCA	4.106792765	1.796470448	0.272398567
TCGA-4Z-AA7S-01A	BLCA	4.122780812	4.085776981	0.078643497
TCGA-A4-7915-01A	KIRP	2.021869741	2.703714783	0.020160452
TCGA-66-2793-01A	LUSC	4.395570133	4.202556608	0.191429248
TCGA-AO-A03U-01B	BRCA	2.243641673	1.506339673	0.019074819
TCGA-30-1891-01A	OV	3.311123526	2.820248281	0.057189822
TCGA-97-8179-01A	LUAD	2.917493474	3.749294322	0.519177256
TCGA-FE-A3PB-01A	THCA	3.836786702	2.602697991	0.004090711
TCGA-F5-6861-01A	READ	3.609995783	4.206150542	0.395925473
TCGA-AN-A0AM-01A	BRCA	2.996653131	3.007414323	0.336362193
TCGA-NC-A5HL-01A	LUSC	6.344346261	4.416454957	0.168370886
TCGA-32-2632-01A	GBM	2.505368743	4.726956541	0.114416089
TCGA-AZ-6605-01A	COAD	3.560148027	3.769191339	0.356650966
TCGA-EJ-5495-01A	PRAD	2.545525612	1.309057657	0.019061407
TCGA-2G-AALP-01A	TGCT	5.136165304	4.91476664	1.848252632
TCGA-N9-A4Q3-01A	UCS	4.748884665	3.310901778	0.13983958
TCGA-BJ-A4O9-01A	THCA	3.955478751	3.028772989	1.963445305
TCGA-DJ-A3US-01A	THCA	2.619318134	1.536666426	0.032781587
TCGA-ZL-A9V6-01A	THYM	4.334165786	1.556234355	1.876376748
TCGA-EJ-5502-01A	PRAD	3.01627517	1.163772855	0.057343021
TCGA-44-6148-01A	LUAD	2.449949217	1.629746491	0.031320931
TCGA-UY-A78O-01A	BLCA	3.89723516	4.123699773	0.25171605
TCGA-E1-5304-01A	LGG	5.059903006	4.702272728	0
TCGA-WA-A7GZ-01A	HNSC	4.48669382	3.820339285	0.005540067
TCGA-VS-A957-01A	CESC	4.642776131	5.291833463	0.515371336
TCGA-BR-8080-01A	STAD	2.442571994	3.009284747	0.567280927
TCGA-AA-3538-01A	COAD	3.32023917	4.191183989	0.248550554
TCGA-RW-A7CZ-01A	PCPG	2.834993427	2.149857604	0.005401142
TCGA-CG-5725-01A	STAD	3.925357969	4.991333217	0.608585169
TCGA-EL-A3ZO-01A	THCA	2.827639864	1.995928682	0.05165045
TCGA-CJ-4888-01A	KIRC	2.914399201	2.670790975	0.069186427
TCGA-22-5474-01A	LUSC	3.764545744	3.001544412	0.238825627
TCGA-IQ-A61I-01A	HNSC	4.740492396	5.697410672	0.385627778
TCGA-CV-7102-01A	HNSC	4.51041371	3.174541555	0.028018552
TCGA-B0-5108-01A	KIRC	3.443542933	1.305917433	0.009853447
TCGA-G9-6371-01A	PRAD	2.304743961	1.116201807	0.026751239
TCGA-B6-A0X0-01A	BRCA	3.802382672	2.358127992	0.201163187
TCGA-A5-A0R8-01A	UCEC	3.269733895	2.660684094	0.198840267
TCGA-HC-A48F-01A	PRAD	3.677188404	1.410985362	0.024985705
TCGA-EP-A2KB-01A	LIHC	3.1690783	2.600653602	0.880796624
TCGA-HZ-7920-01A	PAAD	3.156904649	1.310498174	0.022885382

TCGA-MP-A4T8-01A	LUAD	4.304139135	2.872919346	0.598024748
TCGA-E2-A1LS-01A	BRCA	2.667956538	1.068964393	0
TCGA-DM-A282-01A	COAD	4.173970721	4.167557065	1.031586453
TCGA-44-7660-01A	LUAD	4.492372776	4.280327679	0.841089461
TCGA-97-7937-01A	LUAD	4.868115896	3.291087767	0.404504542
TCGA-DJ-A3V2-01A	THCA	3.319087178	1.827553089	0
TCGA-DB-5280-01A	LGG	3.338398045	1.194332365	0.009522044
TCGA-Q1-A5R2-01A	CESC	4.121373213	4.878376521	0.446320057
TCGA-78-7152-01A	LUAD	2.605298674	3.262607018	0.012975385
TCGA-BR-8679-01A	STAD	4.048066019	3.746316601	0.199681188
TCGA-HT-A615-01A	LGG	4.578376475	1.929871231	0.104453225
TCGA-ZN-A9VV-01A	MESO	5.565363631	2.668679048	0.049877106
TCGA-PG-A5BC-01A	UCEC	4.453377519	3.656930557	0.196144701
TCGA-24-1567-01A	OV	3.037862809	4.435648775	1.436391997
TCGA-A6-5656-01A	COAD	3.718588249	4.56075144	1.098770916
TCGA-E2-A158-01A	BRCA	5.14402954	2.657205692	0.496414327
TCGA-X7-A8D9-01A	THYM	5.251294492	3.934574582	2.31367677
TCGA-08-0386-01A	GBM	3.642854116	4.116560672	0.532182281
TCGA-67-4679-01B	LUAD	3.366652907	3.066611816	0.104040568
TCGA-AG-3890-01A	READ	4.32371752	4.408640035	1.006467652
TCGA-DK-A1AA-01A	BLCA	3.38039277	1.293456197	0.077690352
TCGA-86-7713-01A	LUAD	5.295296863	4.029724558	1.130213576
TCGA-BC-A10T-01A	LIHC	2.106225665	2.916564058	0.026042396
TCGA-LN-A49O-01A	ESCA	3.488595312	3.775204764	0.081224425
TCGA-CN-6012-01A	HNSC	3.076543526	3.603871947	0.191141438
TCGA-A4-7288-01A	KIRP	1.384990752	2.619264152	0.005217053
TCGA-DH-5144-01A	LGG	5.413234627	1.707127821	0.198691639
TCGA-97-A4M5-01A	LUAD	3.497547574	2.961661724	0.139160094
TCGA-P4-AAVM-01A	KIRP	2.060802441	1.352115633	0
TCGA-G4-6626-01A	COAD	3.967373124	5.096482764	1.074887266
TCGA-VQ-A92D-01A	STAD	4.255182851	3.771869979	0.22288815
TCGA-DD-AAE4-01A	LIHC	1.654706003	3.352855601	2.011630951
TCGA-BA-A6DL-01A	HNSC	4.494079434	2.505991758	0.095296333
TCGA-A4-A4ZT-01A	KIRP	2.720683388	0.693314818	0
TCGA-WC-AA9E-01A	UVM	5.252363308	1.995243977	0.266550204
TCGA-BH-A1FC-01A	BRCA	5.0508417	4.395506517	0.23123905
TCGA-RW-A681-01A	PCPG	2.826051258	2.445098249	0
TCGA-VQ-AA69-01A	STAD	3.460440522	4.414280779	0.231834
TCGA-34-7107-01A	LUSC	3.744205765	3.549746124	0.364515255
TCGA-QR-A70H-01A	PCPG	3.633262207	1.167390649	0.010556687
TCGA-AA-3673-01A	COAD	4.234770667	3.523575417	0.28951295
TCGA-91-6830-01A	LUAD	3.299140521	2.567474619	0.087467524
TCGA-EJ-5504-01A	PRAD	2.895809349	1.362671747	0.006196068
TCGA-V4-A9EY-01A	UVM	3.741429758	3.957170894	0

TCGA-05-4244-01A	LUAD	3.859936432	3.375847411	0.131723974
TCGA-AA-3994-01A	COAD	3.72911883	3.000534447	0.262233814
TCGA-CV-7235-01A	HNSC	4.111145815	2.772284302	0.356908075
TCGA-A8-A07O-01A	BRCA	3.546763961	4.796913095	1.011143824
TCGA-XF-AAMH-01A	BLCA	4.728441975	3.293613383	0.950423768
TCGA-60-2696-01A	LUSC	4.011182798	2.923338253	0.026725678
TCGA-B6-A0X7-01A	BRCA	3.421321451	1.535537682	0.00495985
TCGA-TS-A7P1-01A	MESO	2.912171303	2.731433393	0.044792594
TCGA-10-0936-01A	OV	5.513254503	4.953671725	0.122355835
TCGA-KK-A6E1-01A	PRAD	3.438099318	3.04982176	0.066964885
TCGA-FD-A43S-01A	BLCA	3.516259805	2.219480688	0.095218063
TCGA-BP-5001-01A	KIRC3	0.093362507	1.741537745	0.032472885
TCGA-KS-A41I-01A	THCA	2.851690839	3.214512861	0
TCGA-DB-A64W-01A	LGG	4.717395437	4.095282514	0.494861804
TCGA-A2-A04U-01A	BRCA	5.645640365	5.487014992	0.145367521
TCGA-FA-A82F-01A	DLBC	4.644457237	4.753663522	0.821926912
TCGA-CS-6669-01A	LGG	1.879477819	2.356345645	0.011130639
TCGA-AK-3429-01A	KIRC2	2.282919692	1.884126209	0.014203616
TCGA-DO-A1JZ-01A	THCA	3.452306771	1.969041973	0
TCGA-EK-A3GM-01A	CESC	3.566037436	4.654387307	2.683953301
TCGA-29-1710-01A	OV	3.265659753	2.571174178	0.07397338
TCGA-AA-3519-01A	COAD	4.042792511	4.69522451	1.425528067
TCGA-EL-A4K7-01A	THCA	3.461782653	2.642216423	0.052690295
TCGA-B8-5553-01A	KIRC2	0.072203278	1.777591945	0.010516168
TCGA-QR-A70V-01A	PCPG	5.728215273	2.541948836	0
TCGA-19-2619-01A	GBM	3.366723429	3.368531345	0.509332763
TCGA-66-2782-01A	LUSC	4.579397707	2.830937153	0.035628108
TCGA-CN-4737-01A	HNSC	3.29488531	2.820639949	0.166396741
TCGA-CC-A3MB-01A	LIHC	3.297601368	5.108118434	4.483874345
TCGA-E2-A1LG-01A	BRCA	4.776525569	4.584474068	0.049533644
TCGA-AX-A0J0-01A	UCEC	4.316927295	4.877314687	1.895457954
TCGA-EJ-5518-01A	PRAD	2.031928115	2.102126119	0.03265854
TCGA-B0-5106-01A	KIRC3	0.927641132	1.116118741	0.665612561
TCGA-CJ-4884-01A	KIRC3	0.080847758	2.509406122	0.017910315
TCGA-A2-A0ET-01A	BRCA	3.105749276	3.386234832	0.059770614
TCGA-ET-A2N0-01A	THCA	1.848382501	3.203352626	0.005451748
TCGA-S7-A7WM-01A	PCPG	3.343287164	0.967328171	0
TCGA-EM-A1YC-01A	THCA	2.810418133	2.606489717	0
TCGA-DT-5265-01A	READ	3.670517799	3.550984506	0.309370944
TCGA-KN-8431-01A	KICH	2.994287185	2.535816413	0
TCGA-CN-6988-01A	HNSC	3.301848998	3.303207363	0.120736508
TCGA-55-7910-01A	LUAD	4.760754862	3.243272044	0.517364387
TCGA-91-6836-01A	LUAD	3.845099056	4.418902805	0.368871203
TCGA-B2-4099-01A	KIRC4	0.300805547	1.648036571	0.005765169

TCGA-37-A5EL-01A	LUSC	3.97986243	4.939165768	0.352446559
TCGA-E7-A7XN-01A	BLCA	3.456313869	3.212337831	0.316627264
TCGA-CZ-5982-01A	KIRC2	5.74751923	0.910037423	0.010227979
TCGA-AH-6897-01A	READ	4.083966004	4.180524401	0.941589576
TCGA-CV-7097-01A	HNSC	2.808207773	2.239268698	0.038242241
TCGA-WX-AA44-01A	LIHC	3.115815984	4.083904379	0.756594715
TCGA-XF-A8HB-01A	BLCA	4.657896768	6.107979399	0.191599957
TCGA-50-5935-01A	LUAD	2.614226318	2.461553911	0.036653098
TCGA-BC-A10Q-01A	LIHC	2.012634967	2.543774537	0.006348566
TCGA-CI-6622-01A	READ	2.900595496	3.637541105	0.334825923
TCGA-DU-A7TC-01A	LGG	4.310993982	3.354848712	0.027322529
TCGA-TM-A7C3-01A	LGG	3.794779641	3.158271259	0.167594136
TCGA-HZ-7926-01A	PAAD	3.323298829	1.941709669	0.004301661
TCGA-BP-5176-01A	KIRC1	0.83737235	1.74683901	0.012541626
TCGA-EJ-5524-01A	PRAD	2.658058074	1.459101845	0.059458306
TCGA-AA-3715-01A	COAD	3.872168875	4.410481301	0.681216766
TCGA-CJ-4636-01A	KIRC3	3.381322384	2.006234231	0.020322356
TCGA-EB-A85J-01A	SKCM	4.012921986	4.667049872	0.262883725
TCGA-CS-4938-01B	LGG	2.628879652	1.615359099	0
TCGA-A8-A0A4-01A	BRCA	3.223005298	3.427301426	0.086067734
TCGA-EJ-7789-01A	PRAD	4.029309146	2.312325245	0.056249919
TCGA-HS-A5N8-01A	SARC	3.116107921	3.898540134	0.080932612
TCGA-E2-A1IK-01A	BRCA	2.446961347	2.289544889	0.131384832
TCGA-BP-4974-01A	KIRC3	6.27008338	2.372248667	0.084484988
TCGA-D7-6521-01A	STAD	1.9615891	2.738508202	0.055404768
TCGA-BH-A18T-01A	BRCA	4.955845036	5.226172987	0.168354607
TCGA-05-4424-01A	LUAD	1.90870354	3.448534936	0.035805178
TCGA-LN-A49S-01A	ESCA	3.570469891	3.38518022	0.157961481
TCGA-G7-A8LB-01A	KIRP	3.098427195	2.010451374	0.236852416
TCGA-CD-A486-01A	STAD	4.19644342	3.59604215	1.589288638
TCGA-09-1659-01B	OV	5.09026044	4.060875278	0.194677627
TCGA-78-7161-01A	LUAD	2.690146362	2.025718791	0.120119122
TCGA-06-5858-01A	GBM	3.731186687	4.076934765	0
TCGA-VS-A9UQ-01A	CESC	3.706946022	4.535369531	0.29961442
TCGA-AJ-A2QL-01A	UCEC	3.757957317	2.776382609	0.015644934
TCGA-B6-A1KF-01A	BRCA	2.95652948	4.532414809	0.006578508
TCGA-UY-A78P-01A	BLCA	3.856053854	3.344549529	0.404753398
TCGA-DB-A64X-01A	LGG	4.516039908	1.943678602	0
TCGA-A8-A092-01A	BRCA	3.595147282	4.619355018	0.214511981
TCGA-C5-A1BL-01A	CESC	4.369763748	4.008873736	0.405480531
TCGA-SC-A6LR-01A	MESO	3.828813972	2.651793867	0.093731784
TCGA-HC-A9TH-01A	PRAD	3.384291053	2.193020054	0.083991992
TCGA-06-2569-01A	GBM	4.668290612	4.372013962	0.019900612
TCGA-VR-AA4G-01A	ESCA	4.394880473	2.955376115	0.074194993

TCGA-69-7765-01A	LUAD	2.811468121	1.27779998	0.040699192
TCGA-DJ-A1QG-01A	THCA	3.33024821	3.850354042	0.008768234
TCGA-C8-A12X-01A	BRCA	2.45015086	3.999765784	0.043205844
TCGA-73-4659-01A	LUAD	3.413780809	3.370833839	0.159145058
TCGA-QS-A8F1-01A	UCEC	3.445895732	5.114297196	0.056675523
TCGA-MZ-A7D7-01A	HNSC	5.249262524	3.291525141	0.117508606
TCGA-EY-A1GE-01A	UCEC	2.927542875	0.926025152	0.024495787
TCGA-ZF-A9R1-01A	BLCA	4.12745298	3.610161306	0.141267448
TCGA-77-6842-01A	LUSC	3.99860821	3.690075724	0.423897677
TCGA-CJ-5682-01A	KIRC2	7.33427041	1.517386375	0
TCGA-PR-A5PH-01A	PCPG	3.245034468	2.129936602	0
TCGA-FG-A713-01A	LGG	2.935904727	2.662785697	0
TCGA-BP-5187-01A	KIRC2	8.68608149	1.144318222	0.051669197
TCGA-FD-A43Y-01A	BLCA	4.272741919	3.020986271	0.912235431
TCGA-IM-A3EB-01A	THCA	2.434728154	2.098402516	0
TCGA-AC-A3QP-01A	BRCA	3.578362918	1.8945091	0.10357702
TCGA-UE-A6QU-01A	SARC	2.710043714	4.06684192	0.018614887
TCGA-R6-A6Y0-01B	ESCA	3.384915115	2.97283481	0.124511264
TCGA-25-1318-01A	OV	3.652178688	3.428201089	0.082234327
TCGA-E2-A1L7-01A	BRCA	4.544698947	4.673894331	0.028911569
TCGA-DD-AAVW-01A	LIHC	2.299577711	1.844255444	0.183894757
TCGA-DU-8165-01A	LGG	3.178522695	5.05036551	0.165246294
TCGA-DE-A4MD-01A	THCA	3.840254329	0.945805104	0.043117582
TCGA-BH-A0C3-01A	BRCA	2.76124226	3.545606122	0.089048458
TCGA-XF-AAMW-01A	BLCA	3.404057578	3.489387562	0.154933551
TCGA-62-8402-01A	LUAD	4.186788214	3.335523126	0.21154991
TCGA-DC-6154-01A	READ	3.600717672	3.429293972	0.893943505
TCGA-AR-A24M-01A	BRCA	2.173675021	1.56501634	0.018567356
TCGA-33-AASI-01A	LUSC	4.650674624	4.002253829	0.095816708
TCGA-D1-A17N-01A	UCEC	3.152953531	2.292351321	0.125808433
TCGA-DX-A6Z0-01A	SARC	3.137255396	4.258285429	0
TCGA-OL-A6VQ-01A	BRCA	3.162576209	2.044126136	0.0462519
TCGA-AG-A032-01A	READ	3.896851077	3.936225386	0.786099897
TCGA-E3-A3E5-01A	THCA	3.579385214	2.158250673	0
TCGA-HT-7483-01A	LGG	4.10464677	2.416281241	0
TCGA-OR-A5LE-01A	ACC	3.81851917	4.338998708	0.051186602
TCGA-KP-A3W1-01A	UCEC	3.242021245	4.246207006	0.006152388
TCGA-J8-A3YD-01A	THCA	3.383172382	2.425655728	0
TCGA-BK-A26L-01C	UCEC	5.004822926	2.200168625	0.81406427
TCGA-DX-A23V-01A	SARC	2.620538528	3.896650104	0.012539906
TCGA-B4-5832-01A	KIRC1	6.1765486	0.233066184	0
TCGA-AN-A03Y-01A	BRCA	4.064812401	3.652108654	0
TCGA-BL-A3JM-01A	BLCA	4.500791923	4.755645504	0.519227321
TCGA-G5-6641-01A	READ	3.342662691	2.737667401	0.316354094

TCGA-EJ-7794-01A	PRAD	3.062038388	1.639579503	0.014488329
TCGA-49-AARO-01A	LUAD	4.300479782	3.340916349	0.095216325
TCGA-F4-6459-01A	COAD	2.619591453	2.821596152	0.43421228
TCGA-FP-7916-01A	STAD	2.560551881	3.452338758	0.057971269
TCGA-LN-A7HX-01A	ESCA	3.34090957	3.438578174	0.003702247
TCGA-W5-AA2Q-01A	CHOL	4.362264177	2.569061352	0.30199537
TCGA-DM-A0X9-01A	COAD	4.222173534	3.852636127	0.274452969
TCGA-13-0897-01A	OV	2.555305775	4.419456191	0.037327655
TCGA-YL-A8S8-01A	PRAD	3.863332534	2.138402916	0.024052984
TCGA-XF-A9T6-01A	BLCA	5.47351658	5.666623039	0.526588628
TCGA-YL-A8SB-01A	PRAD	3.713084247	1.581420478	0.066488332
TCGA-AR-A1AH-01A	BRCA	5.026344279	3.940509069	0.180167111
TCGA-SC-A6LM-01A	MESO	3.688225791	3.424906413	0.162232462
TCGA-HT-7691-01A	LGG	3.071667632	0.856935228	0
TCGA-CS-6670-01A	LGG	4.151444138	2.163783211	0.046201754
TCGA-51-4080-01A	LUSC	5.090978097	3.503310266	0.033691848
TCGA-A8-A08L-01A	BRCA	3.088156982	4.5227492	0.07769651
TCGA-66-2742-01A	LUSC	4.479374065	3.5467924	0.137091592
TCGA-DF-A2KZ-01A	UCEC	3.111512316	2.221082852	0.026048703
TCGA-LP-A5U2-01A	CESC	5.460791758	4.113575602	0.544882174
TCGA-CG-4306-01A	STAD	4.728056345	2.751008021	0.058288202
TCGA-DF-A2KS-01A	UCEC	4.855446878	4.691509889	0.163047166
TCGA-DX-AB2Z-01A	SARC	3.450127036	4.998891796	0.004684846
TCGA-E1-5318-01A	LGG	4.145563016	2.293358795	0.107204602
TCGA-DX-A3LW-01A	SARC	2.757379205	4.389151997	0
TCGA-99-8033-01A	LUAD	4.891035231	4.03035477	0.176979882
TCGA-BH-A18Q-01A	BRCA	3.46645564	4.438704676	0.074240231
TCGA-ED-A8O5-01A	LIHC	3.870966719	1.785561256	0.059453934
TCGA-DD-AADD-01A	LIHC	2.615179592	4.040457795	1.112787232
TCGA-EM-A1CW-01A	THCA	2.306961019	1.765466283	0.008954819
TCGA-73-4676-01A	LUAD	3.041308022	3.047329078	0.043742373
TCGA-BA-A6DI-01A	HNSC	3.419182506	2.43985689	0.093231346
TCGA-BQ-5875-01A	KIRP	1.911688805	1.827582365	0.010769418
TCGA-BD-A3ER-01A	LIHC	2.010528845	1.211827914	0.086873695
TCGA-AA-3846-01A	COAD	4.700486306	3.441139785	0.172248529
TCGA-AA-3520-01A	COAD	4.418048114	3.748347381	0.596356169
TCGA-3S-AAYX-01A	THYM	5.44145888	4.239816784	3.219722782
TCGA-CN-A49A-01A	HNSC	5.059642578	3.631564703	0.716516074
TCGA-5M-AAT5-01A	COAD	5.057371008	4.92643896	0.950286418
TCGA-38-4632-01A	LUAD	3.096478201	4.46243383	0
TCGA-69-8255-01A	LUAD	4.863510584	3.244204268	2.336325837
TCGA-B0-4699-01A	KIRC	3.837796362	2.871003773	0.204339506
TCGA-AA-A02K-01A	COAD	4.27956734	4.194824060	7473526
TCGA-DD-AACU-01A	LIHC	2.666925884	2.072037335	1.647226611

TCGA-FY-A3R8-01A	THCA	3.236559992	2.745348381	0.008357692
TCGA-DE-A0XZ-01A	THCA	3.375233382	1.895659329	0.028179636
TCGA-GL-7966-01A	KIRP	4.262837778	3.245055509	0.201639928
TCGA-CM-5863-01A	COAD	2.691854917	2.47940321	0.110912056
TCGA-PE-A5DC-01A	BRCA	4.978346892	4.213819703	0.123861154
TCGA-LN-A8I1-01A	ESCA	4.660462526	3.257104522	0.128459076
TCGA-EJ-A7NJ-01A	PRAD	3.004702071	1.243149848	0.00580088
TCGA-13-0714-01A	OV	3.339705877	3.639221387	0.234457741
TCGA-DU-7011-01A	LGG	3.274122376	1.510354209	0
TCGA-VQ-A91V-01A	STAD	2.886987635	3.042038307	0.375155136
TCGA-XF-A8HI-01A	BLCA	4.529044646	1.872832528	0.123000119
TCGA-AP-A05J-01A	UCEC	3.612828542	5.519340774	0.373959045
TCGA-BG-A0MS-01A	UCEC	3.669995767	2.885944578	0.299156246
TCGA-Z4-AAPF-01A	SARC	3.966289372	3.512986955	0.380942965
TCGA-BA-5555-01A	HNSC	3.352026545	2.658097636	0.013679843
TCGA-ZM-AA0H-01A	TGCT	4.641283147	3.516390838	0.46409914
TCGA-A8-A07J-01A	BRCA	2.499954945	1.526736237	0
TCGA-94-7557-01A	LUSC	3.833785227	2.72496606	0.133436846
TCGA-55-1592-01A	LUAD	2.851927176	4.66049657	0.138439422
TCGA-SX-A7SM-01A	KIRP	3.555337564	1.357938497	0.137911536
TCGA-BR-A44U-01A	STAD	3.796216569	2.754520061	0.092426889
TCGA-AA-A024-01A	COAD	2.227349612	2.111025632	0.079934001
TCGA-D8-A1JM-01A	BRCA	4.170486508	4.669528815	0.120591534
TCGA-AA-A01I-01A	COAD	3.649140389	2.838507804	0.043106745
TCGA-D1-A2G5-01A	UCEC	3.926382304	3.119031936	0.263859184
TCGA-C5-A7CJ-01A	CESC	4.378888538	3.883712077	0.14001005
TCGA-BH-A0DO-01B	BRCA	3.253322357	1.598841837	0.042989473
TCGA-DD-AAD6-01A	LIHC	2.382246012	3.409198692	4.373683972
TCGA-FG-A60J-01A	LGG	4.710042876	1.998381296	0.181891778
TCGA-FU-A3EO-01A	CESC	2.317800016	5.691283915	0.099685547
TCGA-E3-A3DY-01A	THCA	2.969599322	2.1493617	0
TCGA-EM-A2CJ-01A	THCA	2.598858951	1.984228013	0
TCGA-GK-A6C7-01A	KIRC	2.750684002	2.219412014	0.023962679
TCGA-G5-6233-01A	READ	4.818781202	4.068934069	1.388361726
TCGA-AD-6888-01A	COAD	2.821803863	4.423064275	0.145326861
TCGA-AX-A06J-01A	UCEC	3.049296452	3.160489658	0.387636924
TCGA-LL-A6FR-01A	BRCA	3.035735035	4.747398902	0.383870882
TCGA-GL-A59R-01A	KIRP	2.872125101	1.632651782	0
TCGA-EX-A69M-01A	CESC	4.98971709	4.60302042	0.243064138
TCGA-50-6592-01A	LUAD	3.411050018	3.065514895	0.307577907
TCGA-AG-A002-01A	READ	4.199831369	3.877758964	0.052616418
TCGA-B0-4696-01A	KIRC	3.710030175	4.191007327	0.007091107
TCGA-85-6561-01A	LUSC	3.255472722	3.106237336	0.081364466
TCGA-BR-8297-01A	STAD	2.588324877	2.900894494	0.053077478

TCGA-CZ-5468-01A	KIRC3	3.364838878	2.307673921	0.096406461
TCGA-IB-A5SP-01A	PAAD	3.304838147	2.555342249	0.106389967
TCGA-CV-7410-01A	HNSC	3.318055125	2.858565204	0.337147844
TCGA-EL-A4JZ-01A	THCA	2.907065163	2.132583734	0.036035463
TCGA-VP-A876-01A	PRAD	4.455928958	1.781986454	0.406125298
TCGA-OR-A5LR-01A	ACC	1.835262905	4.142709079	0
TCGA-AD-5900-01A	COAD	4.205693828	4.170618469	0.138585322
TCGA-61-1911-01A	OV	3.836009576	3.964251723	0.014842527
TCGA-FG-8185-01A	LGG	5.098443243	2.190851416	0
TCGA-AN-A0AJ-01A	BRCA	4.302059495	5.024919715	0.054492362
TCGA-VR-A8EP-01A	ESCA	4.146337564	4.078241562	0.238470926
TCGA-BC-A217-01A	LIHC	3.377241235	4.697422809	1.170810909
TCGA-AG-4001-01A	READ	3.663982257	4.279213927	1.348814712
TCGA-A2-A0YE-01A	BRCA	3.774772421	4.043593143	0.033340852
TCGA-ZZ-A9J2-01A	KIRP	2.218263881	1.280602649	2.419431808
TCGA-55-7816-01A	LUAD	3.063060761	1.594485078	0.010709326
TCGA-A3-3307-01A	KIRC	2.951101252	1.378039537	0.020815651
TCGA-56-A5DS-01A	LUSC	4.453003582	3.110471744	0.230943847
TCGA-A6-A5ZU-01A	COAD	3.247335824	3.040874165	0.37496753
TCGA-DJ-A13T-01A	THCA	2.454592264	1.606935563	0
TCGA-69-7760-01A	LUAD	3.298012709	2.207727446	0.181784089
TCGA-97-8177-01A	LUAD	2.678704806	2.418435823	0.017645058
TCGA-CN-4725-01A	HNSC	2.898664922	2.896901269	0.083750765
TCGA-CV-5970-01A	HNSC	2.973435006	2.276668191	0.095241595
TCGA-R3-A69X-01A	BLCA	3.245469391	3.369807506	0.425150926
TCGA-DU-7012-01A	LGG	2.64010475	1.844759561	0.099731948
TCGA-EB-A4OY-01A	SKCM	3.303359631	3.66936529	1.385860809
TCGA-BJ-A45H-01A	THCA	2.673264229	1.266522381	0
TCGA-X7-A8DE-01A	THYM	5.227621318	4.47205175	2.778434348
TCGA-44-3918-01A	LUAD	3.729559468	1.974482484	0.024985161
TCGA-AC-A5XS-01A	BRCA	3.544920056	3.398969137	0.041829431
TCGA-DV-5576-01A	KIRC	3.37892977	1.270402187	0
TCGA-55-8514-01A	LUAD	3.799136744	2.899720794	0.772541256
TCGA-A8-A086-01A	BRCA	2.946354685	4.060689227	0.161851307
TCGA-AR-A1AI-01A	BRCA	4.674177853	3.724743771	0.092122473
TCGA-44-6145-01A	LUAD	3.036257559	3.057587673	0.00930368
TCGA-AK-3431-01A	KIRC	3.165250085	0.925436114	0
TCGA-A3-3322-01A	KIRC	4.168001138	1.876962113	0.221132706
TCGA-EB-A3Y6-01A	SKCM	3.134444211	3.918149352	0.316886265
TCGA-F5-6810-01A	READ	4.435055831	4.26953325	0.501090162
TCGA-EY-A1GV-01A	UCEC	3.646764167	2.335205658	0.263753634
TCGA-A2-A4S3-01A	BRCA	4.575167358	4.67865495	0.471252447
TCGA-24-1546-01A	OV	3.327314291	2.949809289	0.086753527
TCGA-SP-A6QH-01A	PCPG	4.044144094	1.607754458	0

TCGA-B0-5094-01A	KIRC3	3.301784735	1.857381487	0.009671254
TCGA-23-2084-01A	OV	4.29296897	4.438531057	0.118147891
TCGA-AA-3712-01A	COAD	3.402435003	4.302162794	0.609766487
TCGA-50-8459-01A	LUAD	2.845109003	1.905741585	0.013623189
TCGA-MQ-A6BN-01A	MESO	3.259313621	2.912363082	0.029265291
TCGA-3B-A9HR-01A	SARC	2.79239723	5.732730674	0
TCGA-K4-A6MB-01A	BLCA	4.631870067	4.037829322	0.218300897
TCGA-FV-A4ZQ-01A	LIHC	4.479128236	3.715664684	0.444982891
TCGA-26-5135-01A	GBM	3.408227088	4.227020422	0.302033817
TCGA-37-4132-01A	LUSC	5.116251667	3.741996697	0.159021501
TCGA-BC-A10Z-01A	LIHC	2.209615167	2.970902251	1.321319875
TCGA-BA-5556-01A	HNSC	1.972191468	2.515563922	0.093461002
TCGA-XJ-A83G-01A	PRAD	3.08455491	2.226877739	0.062038107
TCGA-BA-A4IG-01A	HNSC	3.813008215	3.557235553	0.196501836
TCGA-DD-A113-01A	LIHC	1.76882586	3.977290234	0.095326718
TCGA-VN-A88N-01A	PRAD	2.959428794	2.136129379	0.067792241
TCGA-39-5037-01A	LUSC	4.319279934	3.933540831	0.078390442
TCGA-ZC-AAAF-01A	THYM	5.22805173	4.3165838	2.173286633
TCGA-63-A5MG-01A	LUSC	4.316028246	2.58298502	0.053138481
TCGA-CD-8527-01A	STAD	3.705555188	3.544777267	0.303079877
TCGA-2G-AAEX-01A	TGCT	4.916878496	4.555520133	0.546755011
TCGA-WY-A85D-01A	LGG	3.686307824	1.451554155	0
TCGA-QK-A8ZB-01A	HNSC	4.057735846	1.411480016	0.049731021
TCGA-D8-A1JS-01A	BRCA	2.821774857	1.539669324	0.024020528
TCGA-KK-A59Y-01A	PRAD	2.960626937	1.78367907	0.047198524
TCGA-B8-A54J-01A	KIRC2	2.971107956	1.898374122	0.016199095
TCGA-34-5232-01A	LUSC	3.263420748	3.166193466	0.23650132
TCGA-HM-A4S6-01A	CESC	4.040382208	4.019324935	0.783616717
TCGA-QC-A7B5-01A	SARC	4.014675998	4.056372063	0.781822174
TCGA-A8-A08P-01A	BRCA	4.217025602	3.702067089	0.055464794
TCGA-DJ-A4UL-01A	THCA	3.315901569	2.069765893	0
TCGA-DM-A1D8-01A	COAD	4.916620079	4.297504788	0.892360012
TCGA-60-2703-01A	LUSC	4.422443187	4.395988677	0.03012517
TCGA-FJ-A871-01A	BLCA	4.361594072	4.1916524	0.367289709
TCGA-QD-A8IV-01A	THCA	2.777362831	2.342971923	0
TCGA-ET-A4KN-01A	THCA	1.803828381	2.870756394	0
TCGA-D8-A27H-01A	BRCA	2.695726188	3.853903941	0.087259655
TCGA-BH-A0BW-01A	BRCA	2.374105993	3.650767876	0.005602597
TCGA-N5-A4RM-01A	UCS	3.74305591	4.487802051	0.708133886
TCGA-CR-7369-01A	HNSC	2.853625807	3.21051486	0.014209627
TCGA-AA-3663-01A	COAD	5.065060421	3.361035827	0.10820435
TCGA-AA-A00Z-01A	COAD	4.749514855	4.91950572	1.053193794
TCGA-CQ-7068-01A	HNSC	3.954402927	2.931398578	0.267245735
TCGA-85-8580-01A	LUSC	4.655329257	4.448293764	0.362675775

TCGA-BH-A0B0-01A	BRCA	2.547002099	2.355720163	0.021937826
TCGA-60-2723-01A	LUSC	3.337765265	2.737921486	0.004915536
TCGA-DW-7838-01A	KIRP	2.50788531	0.642267259	0
TCGA-BP-4159-01A	KIRC	3.053084536	1.2826090	
TCGA-3U-A98I-01A	MESO	3.446126947	2.514595843	0.021659226
TCGA-CV-7446-01A	HNSC	4.201463375	1.837517767	0.064157437
TCGA-S9-A6TS-01A	LGG	4.661460742	1.962060278	0
TCGA-VF-A8A9-01A	TGCT	5.302724777	4.76723688	1.10421784
TCGA-HT-7472-01A	LGG	3.575900452	1.729068541	0
TCGA-KK-A8I8-01A	PRAD	4.487319563	1.54595419	0.1666918
TCGA-XR-A8TG-01A	LIHC	2.683902365	4.449272725	1.15354908
TCGA-W5-AA2I-01A	CHOL	3.934846102	4.257465011	0.094766321
TCGA-CN-4731-01A	HNSC	3.507818736	1.744693774	0.261940578
TCGA-J7-A8I2-01A	KIRP	4.161346369	2.531143222	0.198214692
TCGA-02-2485-01A	GBM	4.280013072	4.420960707	0.825565861
TCGA-CV-7406-01A	HNSC	2.091284799	3.822105291	0.009515775
TCGA-06-0238-01A	GBM	4.207197675	3.667414998	0.192909875
TCGA-AN-A0XP-01A	BRCA	2.412715894	2.20019031	0.015016339
TCGA-13-1509-01A	OV	4.494287534	3.852124718	0.170208739
TCGA-VS-A9UH-01A	CESC	3.991048416	4.461933763	0.16744488
TCGA-DD-AAC8-01A	LIHC	2.597477389	1.638868086	0.105851694
TCGA-P3-A6T7-01A	HNSC	4.477755785	4.009078818	0.134490459
TCGA-VP-A878-01A	PRAD	3.364170095	1.894038115	0
TCGA-BR-4256-01A	STAD	2.753392482	2.602379754	0.13557151
TCGA-44-A4SU-01A	LUAD	3.466140116	2.858050877	0.152214455
TCGA-CA-5255-01A	COAD	3.516193892	3.24793165	0.147365939
TCGA-S9-A6WG-01A	LGG	4.377849266	3.974850367	0
TCGA-DK-A6B1-01A	BLCA	3.209622525	4.028206288	0.151451865
TCGA-2E-A9G8-01A	UCEC	4.811699083	4.498207464	0.480513228
TCGA-53-7813-01A	LUAD	4.584762655	3.348106018	0.16305425
TCGA-BJ-A45J-01A	THCA	2.902272526	2.186039295	0
TCGA-BH-A0HU-01A	BRCA	4.689004971	4.83255259	0.242225345
TCGA-44-A47B-01A	LUAD	3.864739499	2.684921589	0.639714959
TCGA-BS-A0TA-01A	UCEC	3.669679308	3.162329243	0.945710789
TCGA-S9-A6U6-01A	LGG	4.339968686	2.380854695	0.005856624
TCGA-AA-3855-01A	COAD	4.153997346	4.362384469	0.936461862
TCGA-P5-A5EV-01A	LGG	3.604379495	1.820512036	0
TCGA-BP-4758-01A	KIRC	3.005213091	1.966769886	0.068890798
TCGA-EK-A2RM-01A	CESC	3.318028056	4.026655578	0.545738088
TCGA-HW-7486-01A	LGG	3.488751476	2.590955324	0.06108524
TCGA-CC-A7IE-01A	LIHC	4.292517284	2.821977933	0.735060762
TCGA-DD-A4NP-01A	LIHC	1.377852387	0.864549397	0
TCGA-E2-A1AZ-01A	BRCA	4.986486169	3.403481397	0.524339537
TCGA-V4-A9E7-01A	UVM	4.300664772	2.538019384	0.070443726

TCGA-EA-A410-01A	CESC	4.405808466	4.711083835	1.187942598
TCGA-HT-7680-01A	LGG	2.157342806	0.556831425	0
TCGA-HT-8011-01A	LGG	4.378355186	4.164002566	0.634386886
TCGA-VN-A88I-01A	PRAD	3.553453621	1.356963783	0.110436483
TCGA-AD-6548-01A	COAD	4.372086256	4.392702065	0.195240509
TCGA-25-1322-01A	OV	3.853996294	5.279500494	0.145632797
TCGA-AA-A01G-01A	COAD	4.128055391	4.691569063	0.851861268
TCGA-AG-3728-01A	READ	2.15663045	4.36657521	0.466959496
TCGA-66-2765-01A	LUSC	3.350665725	2.593108002	0.337139208
TCGA-98-A53I-01A	LUSC	4.08958882	3.701692938	0.203213129
TCGA-FG-A6IZ-01A	LGG	5.174184813	3.726560385	0.562417108
TCGA-4K-AAAL-01A	TGCT	5.307827741	4.665990109	0.47735069
TCGA-UC-A7PF-01A	CESC	4.57569336	4.328738854	0.13170867
TCGA-2Y-A9GT-01A	LIHC	2.114052667	2.71633095	0.12930547
TCGA-BS-A0T9-01A	UCEC	2.577456667	1.769539652	0.037710214
TCGA-E2-A150-01A	BRCA	2.95664463	3.238019068	0.017382387
TCGA-B0-5703-01A	KIRC	2.935256099	2.345403653	0.012896913
TCGA-DD-AADK-01A	LIHC	2.333612858	3.02313142	0.057359408
TCGA-60-2713-01A	LUSC	3.559208652	3.775885144	0.060934811
TCGA-BH-A8FY-01A	BRCA	3.383820143	3.874814124	0.085779441
TCGA-CZ-5451-01A	KIRC	2.53977804	1.944778322	0.031236838
TCGA-B6-A0RL-01A	BRCA	3.196013291	5.001072466	0.08183549
TCGA-2H-A9GQ-01A	ESCA	4.861927008	3.542053236	1.901352063
TCGA-93-A4JQ-01A	LUAD	4.220132488	3.485551246	0.110764436
TCGA-AF-A56K-01A	READ	4.307641266	4.088354534	0.936303643
TCGA-EJ-5531-01A	PRAD	2.274216937	2.064414392	0.024146519
TCGA-UD-AABZ-01A	MESO	4.843953117	4.964625444	0.42900587
TCGA-EL-A3CW-01A	THCA	2.808606193	1.771446768	0.549314194
TCGA-3B-A9HJ-01A	SARC	3.638159101	3.125378252	0.516780231
TCGA-XR-A8TE-01A	LIHC	2.827426169	1.350477434	0.005817712
TCGA-HQ-A2OE-01A	BLCA	4.145465341	3.683368715	0.233970686
TCGA-BJ-A3PR-01A	THCA	3.845457693	3.006872194	0.134426899
TCGA-ZG-A9LN-01A	PRAD	3.545675002	2.228950558	0
TCGA-C5-A2M1-01A	CESC	4.258817701	5.539998661	1.434958101
TCGA-CF-A3MG-01A	BLCA	2.921955429	3.463644696	0.113335129
TCGA-DJ-A13W-01A	THCA	2.567859633	2.520582432	0
TCGA-MJ-A68J-01A	SARC	2.807916839	1.547569643	0
TCGA-A6-6781-01B	COAD	3.72086302	1.151279761	0.00814164
TCGA-BH-A0BR-01A	BRCA	2.601440534	2.897957583	0.023537564
TCGA-E1-A7YN-01A	LGG	3.602675937	1.500821933	0
TCGA-44-6775-01A	LUAD	2.719919316	3.806013623	0.046383074
TCGA-G4-6304-01A	COAD	4.224211559	3.650155778	1.584226245
TCGA-CN-4736-01A	HNSC	1.913570835	2.641483618	0.308043065
TCGA-50-5941-01A	LUAD	2.099860492	3.326283687	0.036285193

TCGA-D5-5541-01A	COAD	3.944925797	4.522142758	0.507223383
TCGA-BP-4342-01A	KIRC3	4.495059719	1.626649333	0
TCGA-EQ-8122-01A	STAD	2.806575049	3.843300427	0.650499769
TCGA-G2-AA3C-01A	BLCA	4.149201707	4.362349667	1.240245542
TCGA-DU-5854-01A	LGG	2.785211939	2.86490205	0.136673541
TCGA-DE-A3KN-01A	THCA	2.454798392	1.159992004	0
TCGA-EI-7004-01A	READ	2.686225298	3.385333882	0.889024418
TCGA-EA-A3HU-01A	CESC	3.236537022	3.747484978	0.11444953
TCGA-HQ-A2OF-01A	BLCA	3.259202892	3.115413352	0.207826282
TCGA-BJ-A18Y-01A	THCA	2.497780606	1.661947894	0.005153051
TCGA-D5-6924-01A	COAD	3.607233628	4.550124599	0.92208197
TCGA-EW-A6S9-01A	BRCA	2.985269413	3.281076425	0.073593569
TCGA-TM-A84B-01A	LGG	3.482954089	3.001432976	0.184175458
TCGA-UB-AA0V-01A	LIHC	2.313285622	1.347415647	0
TCGA-2J-AAB6-01A	PAAD	3.562570439	3.028157181	0.270832071
TCGA-91-6831-01A	LUAD	4.151558154	4.595118897	0.341939688
TCGA-AX-A3G4-01A	UCEC	4.254947507	4.32675343	0.418738417
TCGA-EL-A3ZM-01A	THCA	3.809657275	2.381950603	0.119282534
TCGA-DD-AAD2-01A	LIHC	2.012568028	2.064464337	0.048323791
TCGA-EM-A4FU-01A	THCA	2.861014616	3.610019398	0
TCGA-AG-A02X-01A	READ	3.857024397	4.871483454	0.313437222
TCGA-CC-A7IJ-01A	LIHC	3.217666054	3.800533264	0.005616499
TCGA-70-6723-01A	LUSC	4.141360858	2.715548547	0.550438463
TCGA-LI-A67I-01A	SARC	3.004779508	3.92377473	0
TCGA-CN-A497-01A	HNSC	3.705336789	3.632327562	1.598529078
TCGA-S9-A7IZ-01A	LGG	3.542270811	2.162602573	0
TCGA-55-A4DF-01A	LUAD	4.958507393	4.948607071	0.553652168
TCGA-77-A5G8-01B	LUSC	4.590501999	4.003952279	0.256261486
TCGA-BA-4075-01A	HNSC	4.190721371	2.332890684	0.025821219
TCGA-A2-A25C-01A	BRCA	3.204410316	2.838546143	0.023115409
TCGA-55-A4DG-01A	LUAD	3.52325554	2.77326857	0.427559235
TCGA-CK-4947-01B	COAD	3.080094171	3.006311195	0.239494442
TCGA-98-8020-01A	LUSC	3.060625269	2.961814704	0.120151579
TCGA-VQ-A91S-01A	STAD	4.161781528	3.227199534	0.669817053
TCGA-B0-5083-01A	KIRC2	8.21346894	1.332084057	0
TCGA-24-1842-01A	OV	4.32658789	4.383824193	0.116579118
TCGA-A3-3325-01A	KIRC3	5.54105154	2.190454982	0
TCGA-B7-5818-01A	STAD	2.750669732	3.835089344	0.00787383
TCGA-22-1011-01A	LUSC	3.430005283	2.461064658	0.123527832
TCGA-AN-A0FF-01A	BRCA	2.900335357	2.921858929	0.044068699
TCGA-L5-A4OT-01A	ESCA	4.030309915	3.056725631	0.264619464
TCGA-39-5021-01A	LUSC	3.794345716	5.034717616	0.62620709
TCGA-56-8308-01A	LUSC	4.060726485	2.414008404	0.137373114
TCGA-CD-5804-01A	STAD	2.168547471	4.170718564	0.110555572

TCGA-J4-A67M-01A	PRAD	3.146481968	1.106669163	0.005628747
TCGA-DX-A8BH-01A	SARC	4.102804609	4.848117791	1.074178423
TCGA-BH-A1FJ-01A	BRCA	2.967002763	3.232214732	0.117312222
TCGA-BP-5009-01A	KIRC3	0.0650496	1.957449996	0.016314227
TCGA-B6-A0WY-01A	BRCA	2.658674291	2.376940255	0.044129716
TCGA-D1-A16J-01A	UCEC	3.033135451	6.189600066	0.488119922
TCGA-A2-A4S0-01A	BRCA	2.975458265	1.580081389	0.008084906
TCGA-CC-A8HV-01A	LIHC	4.842775817	2.904698737	0.099648664
TCGA-A8-A0AB-01A	BRCA	3.586865514	2.801599008	0.050913003
TCGA-HW-8319-01A	LGG	4.591109632	2.259423885	0
TCGA-AA-A00Q-01A	COAD	3.809364124	3.623966578	0.864283143
TCGA-BH-A1EU-01A	BRCA	3.610723781	1.566712822	0.003116725
TCGA-24-0979-01A	OV	4.761784836	3.530146306	0.62514512
TCGA-E2-A107-01A	BRCA	3.016906599	3.548350408	0.200311228
TCGA-ZA-A8F6-01A	STAD	2.772079029	2.283213244	0.041421908
TCGA-BH-A0DV-01A	BRCA	1.724417027	1.051241585	0
TCGA-RN-A68Q-01A	SARC	3.160416836	2.044089652	0
TCGA-CZ-5467-01A	KIRC2	0.953318382	0.694132227	0
TCGA-85-7699-01A	LUSC	3.881624716	3.89104552	0.173016686
TCGA-E9-A22A-01A	BRCA	3.020236982	2.958779131	0.018502659
TCGA-HT-A5R9-01A	LGG	5.11956073	4.536710701	0.84046363
TCGA-BR-7704-01A	STAD	3.577876165	5.222404968	1.694354128
TCGA-A2-A0T3-01A	BRCA	3.584659473	3.338501563	0.121629653
TCGA-B1-A657-01A	KIRP	2.608101568	1.291750555	0.005048993
TCGA-A5-A0GW-01A	UCEC	3.758221379	4.280547017	0.234494344
TCGA-BP-4761-01A	KIRC2	0.835757061	2.691587659	0
TCGA-ZB-A96F-01A	THYM	4.669933747	3.729864106	2.830703906
TCGA-MB-A5Y9-01A	SARC	2.507499632	2.413479786	0
TCGA-IG-A4QS-01A	ESCA	4.369998845	2.759342051	0.351621159
TCGA-A6-2678-01A	COAD	3.502724463	3.765839245	0.549377117
TCGA-18-3412-01A	LUSC	3.782887911	3.767442302	0.079543371
TCGA-92-7341-01A	LUSC	3.286006075	3.517665783	0.661745735
TCGA-DX-A7EF-01A	SARC	3.559104524	4.366567664	3.409061054
TCGA-A6-2674-01B	COAD	5.075556762	1.435763439	0.215926086
TCGA-B6-A0X1-01A	BRCA	4.289103554	2.931835498	0.611696026
TCGA-QH-A6CU-01A	LGG	3.937461281	1.939362274	0.04757626
TCGA-DD-A3A5-01A	LIHC	1.539088856	4.187065635	3.280699284
TCGA-AP-A1DQ-01A	UCEC	3.726038087	3.358621891	0.311610277
TCGA-2H-A9GJ-01A	ESCA	3.426689769	2.747903682	0.152581135
TCGA-L5-A8NR-01A	ESCA	3.985205317	3.889618077	0.230784666
TCGA-CK-5916-01A	COAD	2.996958374	3.139699066	0.054662945
TCGA-55-7728-01A	LUAD	3.253075147	2.055969091	0.041433226
TCGA-DJ-A2QC-01A	THCA	3.274929891	2.965395961	0
TCGA-A3-3351-01A	KIRC3	0.9473798	1.450090853	0.279388774

TCGA-AG-A00Y-01A	READ	4.27010403	4.110959137	1.242255941
TCGA-QS-A5YR-01A	UCEC	3.926740272	4.173218057	0.379483291
TCGA-DX-A1L3-01A	SARC	1.895777557	3.57532681	5.444143181
TCGA-AS-3778-01A	KIRC3	5.89490363	2.385238477	0.010210738
TCGA-M7-A71Y-01A	PRAD	3.663062597	1.434743324	0.101341608
TCGA-B0-5102-01A	KIRC2	8.05659074	1.420368151	0.004659884
TCGA-DJ-A3VM-01A	THCA	2.96601296	3.594223998	0.029779702
TCGA-2Y-A9GX-01A	LIHC	2.667225916	2.053006491	0.145196123
TCGA-V1-A9OH-01A	PRAD	3.527211554	1.499379654	0.049587883
TCGA-A7-A0CH-01A	BRCA	2.564266427	1.914894674	0.026434819
TCGA-FG-A710-01A	LGG	4.394523618	2.600326792	0.105114175
TCGA-SR-A6N0-01A	PCPG	1.856040721	1.959756419	0
TCGA-EM-A2OX-01A	THCA	3.14353578	1.783047323	0
TCGA-KL-8344-01A	KICH	2.252528385	1.780457611	0.007999503
TCGA-FP-7735-01A	STAD	2.20898369	4.236902802	0.815922304
TCGA-13-0884-01B	OV	4.43276443	3.911130257	0.095731151
TCGA-37-4129-01A	LUSC	3.127436461	1.434064422	0
TCGA-BP-5170-01A	KIRC4	0.56108551	0.942030021	0
TCGA-B4-5378-01A	KIRC4	2.07875284	1.600512467	0
TCGA-57-1585-01A	OV	2.986169344	4.118978719	0.280301001
TCGA-WB-A822-01A	PCPG	3.126740958	2.969818544	0
TCGA-P8-A6RY-01A	PCPG	2.80602416	1.887595785	0
TCGA-DJ-A4V5-01A	THCA	2.654020536	1.966059072	0.005182739
TCGA-WX-AA46-01A	LIHC	1.386761678	0.560759546	0
TCGA-EO-A3B0-01A	UCEC	4.336707493	5.457542525	0.687047058
TCGA-EJ-A7NN-01A	PRAD	3.329228779	2.189074019	0.043349915
TCGA-AO-A125-01A	BRCA	4.060193933	1.52157396	0.04979724
TCGA-N5-A4RS-01A	UCS	4.923408924	5.17726267	0.660183331
TCGA-AA-3848-01A	COAD	4.293630805	5.450187756	1.669255559
TCGA-MT-A7BN-01A	HNSC	3.422514006	5.298940604	0.795526076
TCGA-DM-A1D6-01A	COAD	3.985231557	4.472048063	0.546834125
TCGA-G9-6494-01A	PRAD	2.122414493	1.589306456	0.005582295
TCGA-BA-A6DB-01A	HNSC	3.791240226	2.147773503	0.318959161
TCGA-77-A5GF-01A	LUSC	4.32270439	3.327192489	0.2317624
TCGA-DJ-A1QL-01A	THCA	3.023114539	3.796899313	0
TCGA-24-1843-01A	OV	4.199342083	3.756618358	0.131910045
TCGA-DX-A6B7-01A	SARC	3.690511093	5.19331138	0
TCGA-FU-A23L-01A	CESC	4.614449892	3.981835121	0.283740221
TCGA-CK-5914-01A	COAD	4.590692289	4.793867149	0.775148413
TCGA-DD-AACX-01A	LIHC	2.440604259	2.704933127	0.123119821
TCGA-DS-A7WH-01A	CESC	3.754698742	5.279019416	0.116427524
TCGA-KP-A3W4-01A	UCEC	4.105025801	3.584348613	0.050222166
TCGA-B8-4621-01A	KIRC1	8.72883654	1.535132596	0.012253701
TCGA-EY-A2OP-01A	UCEC	4.085806542	3.413034552	0.43215645

TCGA-B6-A0IM-01A	BRCA	2.713709317	3.970108785	0.019003841
TCGA-24-1550-01A	OV	3.902821643	4.125743135	0.121784828
TCGA-Y8-A897-01A	KIRP	2.472227286	2.170613889	0.013206717
TCGA-22-4594-01A	LUSC	4.091835527	3.745669841	0.371612496
TCGA-HV-A5A4-01A	PAAD	3.528478394	1.991385183	0.080589317
TCGA-NC-A5HK-01A	LUSC	5.322693175	3.689842366	1.786001633
TCGA-FK-A3SD-01A	THCA	1.940345342	0.950036282	0
TCGA-HE-A5NK-01A	KIRP	2.74263073	2.260488366	0.012255242
TCGA-BP-4760-01A	KIRC	2.419044721	2.087260864	0
TCGA-75-6212-01A	LUAD	2.343773144	1.815657972	0.150396648
TCGA-A6-2672-01A	COAD	4.719922721	3.717072084	1.029180185
TCGA-MA-AA41-01A	CESC	5.081376605	4.059461369	0.340142585
TCGA-BH-A0BP-01A	BRCA	2.178244471	2.629333805	0.014681659
TCGA-DK-A3IK-01A	BLCA	3.666298369	2.68097978	0.2053701
TCGA-29-1695-01A	OV	3.949927843	4.859278822	0.088131722
TCGA-NF-A4WU-01A	UCS	4.858663287	3.854617877	1.220541986
TCGA-A2-A0T4-01A	BRCA	2.088667095	3.401105462	0.042132874
TCGA-CV-6956-01A	HNSC	3.826754382	3.000675969	0.088352463
TCGA-CU-A72E-01A	BLCA	3.548896467	2.511790822	0.286995292
TCGA-MZ-A5BI-01A	HNSC	3.856852942	5.587292273	0.269674537
TCGA-V1-A9OQ-01A	PRAD	3.328140207	1.37419407	0.028034731
TCGA-SY-A9G5-01A	BLCA	3.322352636	3.886174257	0.347025891
TCGA-BG-A0LW-01A	UCEC	3.045145007	1.224072586	0
TCGA-DM-A28A-01A	COAD	4.663044869	4.296738648	1.697239666
TCGA-B6-A0RN-01A	BRCA	2.692998871	1.192259816	0.023880971
TCGA-13-1487-01A	OV	3.945758506	3.951256112	0.080739555
TCGA-55-8091-01A	LUAD	2.875745689	2.186522339	0.030327082
TCGA-44-A4SS-01A	LUAD	2.905043576	2.670767201	0.307544409
TCGA-55-8207-01A	LUAD	2.877196192	1.614288287	0.054261959
TCGA-2G-AAFO-01A	TGCT	5.721385432	3.954485141	1.021742355
TCGA-VQ-A94R-01A	STAD	3.875516517	3.860999248	0.610579281
TCGA-CK-4951-01A	COAD	3.41978731	3.574697443	0.393235208
TCGA-EL-A3D1-01A	THCA	2.278976908	3.164462563	0
TCGA-VS-A94Y-01A	CESC	4.179613068	3.417387915	0.135718649
TCGA-66-2755-01A	LUSC	4.442335418	3.008853712	0.289051285
TCGA-BH-A1FL-01A	BRCA	3.680628814	2.426306671	0.09952485
TCGA-ZF-AA4T-01A	BLCA	3.892038449	4.89650123	0.699655867
TCGA-P5-A5EU-01A	LGG	4.040616153	3.474840934	0
TCGA-67-3770-01A	LUAD	3.508733154	2.197725431	0.01127246
TCGA-56-7579-01A	LUSC	3.918965363	3.254601107	0.112845988
TCGA-WB-A815-01A	PCPG	2.380007253	3.217832709	0
TCGA-EY-A548-01A	UCEC	4.25245217	2.429697772	0.037006249
TCGA-21-5786-01A	LUSC	3.472905331	2.937110903	0.09029275
TCGA-E9-A2JT-01A	BRCA	3.939767206	2.364523636	0.169940652

TCGA-D8-A1JE-01A	BRCA	2.351227544	2.577029681	0.027800686
TCGA-55-8094-01A	LUAD	3.867019395	2.993385635	0.302337568
TCGA-DD-A1EG-01A	LIHC	2.437037616	2.849979745	0.235831189
TCGA-CN-5361-01A	HNSC	2.434077724	2.646092264	0.023657851
TCGA-XR-A8TD-01A	LIHC	2.689678184	4.542158128	0.733197354
TCGA-DK-AA6S-01A	BLCA	3.904593713	3.312922224	0.332540701
TCGA-A7-A13H-01A	BRCA	3.554872791	2.238613501	0.0889261
TCGA-DV-5566-01A	KIRC2	1.79471925	2.50499821	0.007226197
TCGA-DU-6399-01A	LGG	3.544758037	2.72040773	0
TCGA-AP-A1DR-01A	UCEC	5.270909994	3.475664428	0.062010445
TCGA-X6-A8C4-01A	SARC	4.807375844	4.324673433	0
TCGA-R5-A7O7-01A	STAD	3.77696247	3.469293731	0.942821121
TCGA-33-4589-01A	LUSC	2.881864678	2.663285047	0.012169118
TCGA-XU-AAXV-01A	THYM	4.716454083	3.390615404	2.0248882
TCGA-CE-A481-01A	THCA	3.487937274	2.754704317	0.010139659
TCGA-CJ-5684-01A	KIRC3	5.11803975	1.945546764	0.021395853
TCGA-HS-A5N7-01A	SARC	2.800892522	5.618884246	0
TCGA-AA-3875-01A	COAD	4.195760261	4.589010852	0.26963342
TCGA-QR-A707-01A	PCPG	2.98914758	2.713239291	0.005371087
TCGA-E2-A15J-01A	BRCA	3.98315127	1.700882171	0.216951485
TCGA-24-2038-01A	OV	4.450583071	1.028547656	0
TCGA-VP-A879-01A	PRAD	2.973078117	1.032356464	0.071911862
TCGA-GU-A42R-01A	BLCA	3.993691171	3.464001615	0.322640327
TCGA-DD-AACL-01A	LIHC	3.934405648	3.974304136	0.496809938
TCGA-E2-A15F-01A	BRCA	3.445623463	2.859440301	0.025670119
TCGA-IA-A40Y-01A	KIRP	3.591564111	3.222719557	0.03161558
TCGA-EA-A3HQ-01A	CESC	3.873319367	4.750299165	0.162918497
TCGA-2Y-A9HA-01A	LIHC	2.432876302	2.552628841	0.840551005
TCGA-KK-A6E6-01A	PRAD	2.718969341	1.561040399	0.032798094
TCGA-FY-A3RA-01A	THCA	3.208666657	1.618974115	0
TCGA-S8-A6BW-01A	ESCA	3.097237922	3.012810241	0.178878992
TCGA-56-8629-01A	LUSC	3.395902735	3.667668742	0.152682721
TCGA-GS-A9TT-01A	DLBC	5.790627568	5.161303741	2.035078325
TCGA-AA-A017-01A	COAD	3.888274982	4.120032183	0.565159746
TCGA-G9-6498-01A	PRAD	3.273059256	1.209786589	0.015325973
TCGA-3G-AB14-01A	THYM	4.328086857	3.421732852	1.61390809
TCGA-31-1956-01A	OV	4.067153668	4.092693535	0.332999541
TCGA-FV-A3I0-01A	LIHC	3.951888769	1.981349339	0.062692542
TCGA-FY-A2QD-01A	THCA	2.035917274	1.385902975	0
TCGA-A3-3323-01A	KIRC3	5.11803492	1.242373865	0.437023125
TCGA-13-0908-01B	OV	4.178072028	3.42379013	0.231541698
TCGA-CV-5977-01A	HNSC	3.346629715	3.565197513	0.2555731
TCGA-BC-A110-01A	LIHC	2.137855328	0.50682473	0.010253552
TCGA-WH-A86K-01A	LGG	4.592385799	1.629059031	0.007491649

TCGA-EW-A6SD-01A	BRCA	3.150750586	3.512036621	0.122426351
TCGA-AJ-A3BH-01A	UCEC	3.322719498	2.948676134	0.071445823
TCGA-N6-A4V9-01A	UCS	3.253030641	2.653833143	0.033640093
TCGA-49-AAR0-01A	LUAD	4.351831004	4.282491187	1.005393383
TCGA-YL-A8S9-01A	PRAD	3.692526479	2.109704386	0.046724501
TCGA-A3-3343-01A	KIRC	3.762992846	0.992100498	0.015392588
TCGA-ZB-A964-01A	THYM	4.354190729	0.807981282	0.835368019
TCGA-44-6146-01B	LUAD	3.293535812	0.56671218	0
TCGA-AF-2693-01A	READ	3.220531262	3.935197753	0.097346275
TCGA-85-8287-01A	LUSC	3.87169084	3.681402476	0.840629905
TCGA-RU-A8FL-01A	COAD	4.495575492	4.911574978	1.759763994
TCGA-EO-A22X-01A	UCEC	5.652147047	4.527127039	0.113681124
TCGA-05-4395-01A	LUAD	3.703308991	2.851273193	0.16504639
TCGA-M7-A725-01A	PRAD	3.305317526	2.360773671	0.015089203
TCGA-CV-7245-01A	HNSC	2.288093685	2.668247451	0.051798534
TCGA-14-0787-01A	GBM	4.025553624	4.845328292	0.185533225
TCGA-95-A4VP-01A	LUAD	4.08146556	3.292889854	0.545376686
TCGA-DJ-A3UM-01A	THCA	2.83784789	1.892477738	0
TCGA-97-7547-01A	LUAD	1.463709967	1.322844347	0.296649061
TCGA-97-7554-01A	LUAD	2.42290047	2.986883461	0.049894508
TCGA-CV-6954-01A	HNSC	2.592967485	2.606638253	0.008368768
TCGA-YL-A9WI-01A	PRAD	4.570184584	2.590205999	0.05515478
TCGA-F2-A44H-01A	PAAD	2.323724561	1.925247496	0
TCGA-V1-A9O5-01A	PRAD	3.216218345	2.913889394	0.020110423
TCGA-BT-A20R-01A	BLCA	2.348980047	3.688584902	0.028876147
TCGA-OR-A5K5-01A	ACC	3.608657153	4.039544197	0.097376227
TCGA-BP-4787-01A	KIRC	2.467912132	1.531903844	0.01684602
TCGA-G7-6790-01A	KIRP	0.950642881	0.87047358	0.004095097
TCGA-EJ-7797-01A	PRAD	3.44965406	1.05899095	0.084290773
TCGA-50-5051-01A	LUAD	3.937484114	2.633788299	1.024682325
TCGA-CZ-4859-01A	KIRC	2.162049588	1.772368972	0.011479413
TCGA-D5-6529-01A	COAD	3.219176304	2.904025218	0.195694555
TCGA-BH-A0C1-01B	BRCA	3.220981107	2.766748841	0.010013354
TCGA-AC-A6IV-01A	BRCA	3.836180671	2.821168928	0.176154028
TCGA-13-1496-01A	OV	2.361215584	3.998694547	0.129374799
TCGA-EO-A2CH-01A	UCEC	4.386993935	3.722402259	0.354958196
TCGA-T3-A92M-01A	HNSC	4.33402954	3.868426089	0.013008557
TCGA-K7-A5RF-01A	LIHC	1.242031909	0.91269244	1.126697604
TCGA-AG-3883-01A	READ	3.813773507	4.801140393	0.621211487
TCGA-KO-8416-01A	KICH	2.657611156	2.252296378	0
TCGA-BP-4985-01A	KIRC	1.984382092	1.381494657	0.004111772
TCGA-BP-5184-01A	KIRC	2.790423754	1.811193421	0.012773532
TCGA-KL-8345-01A	KICH	1.741830282	2.676229214	0.004829057
TCGA-A3-3382-01A	KIRC	3.556261125	1.015138292	0.005575207

TCGA-RD-A7BT-01A	STAD	4.384997264	3.886617244	1.276487528
TCGA-A7-A13E-01A	BRCA	3.465365549	3.919234906	0.262506215
TCGA-G3-A6UC-01A	LIHC	2.120110405	0.631914278	0.092516645
TCGA-AJ-A3QS-01A	UCEC	4.168081633	3.767505906	0.122890453
TCGA-AR-A24R-01A	BRCA	2.596964167	3.109790473	0.137799107
TCGA-M7-A721-01A	PRAD	2.905479402	1.715586569	0.020165159
TCGA-4X-A9F9-01A	THYM	4.88769454	4.761910583	2.617128615
TCGA-HC-A631-01A	PRAD	3.264216813	2.120631583	0.019229238
TCGA-D1-A17C-01A	UCEC	2.808342769	2.519195641	0.356613521
TCGA-CV-6962-01A	HNSC	4.391233494	3.642401352	0.224206252
TCGA-HT-A61B-01A	LGG	4.070155661	4.095447597	0.558744504
TCGA-A2-A0SW-01A	BRCA	3.440553991	3.601833489	0.260006859
TCGA-06-1804-01A	GBM	3.049035844	5.351060406	0.226066206
TCGA-EJ-AB27-01A	PRAD	3.512208113	1.445878687	0.036267714
TCGA-G2-A3IE-01A	BLCA	3.194345066	2.211145163	0.325960888
TCGA-MH-A854-01A	KIRP	2.54564977	3.886893653	0.017977349
TCGA-GV-A40E-01A	BLCA	4.530737748	4.496910288	0.963834061
TCGA-XK-AAIW-01A	PRAD	4.437546415	4.210072255	0.584456862
TCGA-86-8585-01A	LUAD	4.114805384	3.712987592	1.21435523
TCGA-56-7582-01A	LUSC	3.07083969	2.964377441	0.21466062
TCGA-B8-5550-01A	KIRC	1.866260327	1.887470064	0.013738825
TCGA-22-4599-01A	LUSC	4.416127173	2.855713491	0.093244887
TCGA-BS-A0UF-01A	UCEC	4.172559839	4.316282328	0.112941407
TCGA-CQ-A4C7-01A	HNSC	4.725205314	3.451403543	0.247439439
TCGA-QR-A6ZZ-01A	PCPG	3.272862886	2.736033286	0
TCGA-2G-AAHC-01A	TGCT	4.429053635	4.245936554	0.328813159
TCGA-D5-5539-01A	COAD	3.097077114	2.832342638	0.185942633
TCGA-LD-A66U-01A	BRCA	4.026814921	2.86909794	0.197617675
TCGA-4B-A93V-01A	LUAD	4.537564303	4.003867999	1.168971818
TCGA-C5-A1BN-01B	CESC	4.727226686	3.740381717	0.344454099
TCGA-BI-A0VS-01A	CESC	3.93980235	4.607807717	0.032212238
TCGA-H4-A2HO-01A	BLCA	3.574462286	1.417777308	0.11194245
TCGA-34-2596-01A	LUSC	2.893009939	3.560650528	0.099049263
TCGA-BP-4162-01A	KIRC	2.615361447	1.619016809	0.031802497
TCGA-OR-A5KT-01A	ACC	2.658118725	3.004654296	0
TCGA-ND-A4WA-01A	UCS	4.14559796	4.750178675	0.37815235
TCGA-DX-A6BG-01A	SARC	2.510777512	2.674181621	0.005869192
TCGA-ZC-AAAH-01A	THYM	5.150572934	4.55637172	2.96015792
TCGA-XF-AAN8-01A	BLCA	3.487463624	0.617869287	0.010417783
TCGA-CN-A6V3-01A	HNSC	3.861955996	3.796107809	0.360632368
TCGA-43-A475-01A	LUSC	4.179681041	3.452799154	0.33394163
TCGA-CZ-5452-01A	KIRC	2.679977314	1.376965303	0.015157779
TCGA-A2-A0T7-01A	BRCA	3.157336826	2.748522299	0.161093943
TCGA-XF-A9T4-01A	BLCA	2.866415655	3.556915541	0.103537855

TCGA-VQ-A8PM-01A	STAD	2.480866616	2.524471806	0.123794219
TCGA-BR-4357-01A	STAD	4.146852382	3.63014022	4.900532447
TCGA-A2-A1G6-01A	BRCA	3.367222717	0.697473695	0.005334329
TCGA-CG-4469-01A	STAD	4.552816012	3.095211126	0.303830582
TCGA-DX-A3U8-01A	SARC	2.61876797	2.646697435	0.109073935
TCGA-BR-8365-01A	STAD	2.681988404	2.131540022	0.316022811
TCGA-85-A50Z-01A	LUSC	4.345321339	3.505048316	0.030403361
TCGA-C8-A135-01A	BRCA	4.804986359	3.269884151	0.012070268
TCGA-DK-AA6M-01A	BLCA	4.208607043	4.00066311	0.182632307
TCGA-S9-A6U8-01A	LGG	3.9578657	1.948173309	0
TCGA-EO-A3KU-01A	UCEC	4.247654423	3.739125432	0.507021807
TCGA-S9-A7J1-01A	LGG	3.978294157	1.553288523	0.091260619
TCGA-BP-4176-01A	KIRC	2.921656607	1.31060276	0.005070672
TCGA-FD-A6TK-01A	BLCA	3.960762882	4.028428393	0.474227831
TCGA-GU-A766-01A	BLCA	4.332047431	3.569807186	0.854568492
TCGA-CH-5790-01A	PRAD	3.503512297	0.532844619	0.030737967
TCGA-KL-8332-01A	KICH	2.759681682	2.98639335	0
TCGA-J8-A3YF-01A	THCA	3.48923777	3.591977079	0.06053857
TCGA-12-5295-01A	GBM	3.096748741	3.788132103	0.084575556
TCGA-86-7954-01A	LUAD	3.199654479	3.097645869	0.127927723
TCGA-CH-5754-01A	PRAD	3.742206872	2.768165572	0.222935682
TCGA-77-8143-01A	LUSC	4.850884219	3.781775717	0.182071715
TCGA-Y8-A895-01A	KIRP	3.079447824	1.780695865	0
TCGA-D8-A13Z-01A	BRCA	2.975546907	3.664794436	0.068161372
TCGA-B8-5552-01B	KIRC	2.611596966	1.524193436	0
TCGA-E8-A415-01A	THCA	3.412359553	2.511002565	0
TCGA-30-1862-01A	OV	4.5074742	2.924242233	0.425070633
TCGA-XE-AANV-01A	TGCT	4.493613932	4.414963211	0.998554253
TCGA-86-A4P8-01A	LUAD	3.482238605	2.140281182	0.012671778
TCGA-D5-6920-01A	COAD	3.520934074	3.637891991	0.652297826
TCGA-BG-A0VV-01A	UCEC	2.699761101	2.236314764	0.503970526
TCGA-06-2558-01A	GBM	4.145422229	3.681183128	0.205165996
TCGA-HT-7482-01A	LGG	3.862023883	1.578638856	0
TCGA-CF-A47Y-01A	BLCA	4.074986024	1.304060318	0.124677956
TCGA-A2-A25B-01A	BRCA	4.101321883	2.110748068	0.168495985
TCGA-B0-5712-01A	KIRC	1.992766578	2.472109999	0
TCGA-44-3917-01B	LUAD	5.149795819	2.107996706	0.496943583
TCGA-09-1673-01A	OV	5.189474991	3.862239435	0.050873858
TCGA-4X-A9FD-01A	THYM	4.511569622	3.108745344	1.742902542
TCGA-DX-A3M2-01A	SARC	2.317620137	3.632685684	0
TCGA-DB-A75L-01A	LGG	5.391604326	2.682865188	0.005540455
TCGA-LI-A9QH-01A	SARC	3.613120439	5.160721241	0
TCGA-86-8669-01A	LUAD	3.07032481	2.495533801	0.140332708
TCGA-A2-A0CP-01A	BRCA	3.34407148	1.232421182	0.008558229

TCGA-XE-AANI-01A	TGCT	3.123588558	3.838159097	0.054687675
TCGA-HW-7491-01A	LGG	4.089782949	2.061498684	0.124688401
TCGA-AG-3601-01A	READ	3.7657202	4.377720922	1.867931282
TCGA-ET-A39R-01A	THCA	2.79470284	2.516346921	0.006183798
TCGA-12-0821-01A	GBM	4.267975128	3.296833618	0.22533279
TCGA-ZF-AA4R-01A	BLCA	3.676505223	4.077489056	0.409228865
TCGA-56-8082-01A	LUSC	3.938281074	3.041431155	0.156999118
TCGA-NC-A5HP-01A	LUSC	5.076780368	3.3115308	0.130987735
TCGA-25-1635-01A	OV	3.1600806	4.279757268	0.094688589
TCGA-ET-A39P-01A	THCA	2.738761116	3.747983434	0
TCGA-AO-A0JG-01A	BRCA	2.457948467	1.609058144	0.009242659
TCGA-GS-A9TY-01A	DLBC	3.681351814	5.144915401	0.141000437
TCGA-CG-4438-01A	STAD	4.682981325	3.341934257	0.703918863
TCGA-A7-A4SD-01A	BRCA	3.759292617	4.364430824	0.534276988
TCGA-BP-4797-01A	KIRC	1.700708623	1.598077807	0.016217187
TCGA-G4-6588-01A	COAD	4.423837345	3.805975468	0.601896783
TCGA-25-1321-01A	OV	3.755017414	4.195874139	0.188076641
TCGA-CS-6186-01A	LGG	3.465443334	2.735049319	0.079073024
TCGA-DJ-A2Q5-01A	THCA	2.939150028	2.238331072	0.059451776
TCGA-DJ-A2Q2-01A	THCA	2.371907863	1.310474827	0
TCGA-A7-A4SE-01A	BRCA	4.591733497	4.968179991	0.3256734
TCGA-13-1410-01A	OV	3.680782278	5.839693533	0.03416826
TCGA-55-A57B-01A	LUAD	3.153525056	2.796875041	0.015516676
TCGA-KL-8330-01A	KICH	4.128720253	2.124814454	0
TCGA-EB-A44N-01A	SKCM	3.495927454	3.534221704	0.385613375
TCGA-FF-A7CR-01A	DLBC	5.009289824	4.366119847	0.81387559
TCGA-HT-7469-01A	LGG	4.370635846	3.16259551	0
TCGA-AR-A24P-01A	BRCA	3.114745213	2.68590229	0.105294033
TCGA-S9-A6TW-01A	LGG	5.220064584	1.987644953	0.1107401
TCGA-XU-A92Q-01A	THYM	4.464678584	1.739994423	1.402080436
TCGA-CV-A468-01A	HNSC	4.256457427	2.105630891	0.16005198
TCGA-DD-AAD0-01A	LIHC	2.155067422	3.416362918	4.437295131
TCGA-BP-5181-01A	KIRC	3.175288989	1.720534627	0
TCGA-85-7950-01A	LUSC	4.426138966	3.219530943	0.246874546
TCGA-23-1107-01A	OV	4.228697437	4.642276026	0.159090735
TCGA-AA-3542-01A	COAD	3.685638431	4.719358282	0.465711218
TCGA-F7-A624-01A	HNSC	5.03804909	3.508871816	0.237888261
TCGA-LD-A9QF-01A	BRCA	3.84082019	2.45540569	0.019539952
TCGA-CV-6934-01A	HNSC	2.635143924	1.947574304	0.026882556
TCGA-CA-5797-01A	COAD	2.915494588	4.211804709	0.217882702
TCGA-TS-A7P3-01A	MESO	3.680855815	2.235873753	0.007167026
TCGA-V4-A9EF-01A	UVM	4.502160717	2.766362136	0.030315895
TCGA-5P-A9KE-01A	KIRP	2.286808656	1.929306015	0
TCGA-BJ-A0ZG-01A	THCA	1.81901128	1.302301491	0

TCGA-DX-A48P-01A	SARC	3.226850215	5.201351415	0
TCGA-2G-AAFZ-01A	TGCT	4.247545765	3.952616697	1.031161085
TCGA-B6-A0I9-01A	BRCA	2.794607208	4.242817662	0.027029601
TCGA-44-A47G-01A	LUAD	3.716502355	2.658965503	0.023261724
TCGA-BP-4353-01A	KIRC3	3.762992636	1.252696641	0
TCGA-2J-AABT-01A	PAAD	3.085259458	1.939494664	0.189435953
TCGA-B8-5162-01A	KIRC2	3.575755853	1.707947261	0.005191308
TCGA-06-5856-01A	GBM	3.432338867	4.293390278	0.329487473
TCGA-5P-A9K0-01A	KIRP	2.985073294	3.34299166	0.005632283
TCGA-E7-A3X6-01A	BLCA	3.029770694	2.519427925	0.247673681
TCGA-77-7337-01A	LUSC	3.381098192	2.443913141	0.018387182
TCGA-59-2355-01A	OV	4.154331233	2.579431933	0.125274282
TCGA-C5-A8XH-01A	CESC	4.255503308	3.235688353	0.169220329
TCGA-CJ-6032-01A	KIRC1	1.613486517	1.025566209	0.008415684
TCGA-OR-A5JF-01A	ACC	2.798836489	3.492647984	0
TCGA-KN-8436-01A	KICH	2.824447611	1.288254949	0
TCGA-HD-A4C1-01A	HNSC	3.744233768	2.799109425	0.272126335
TCGA-HU-A4GY-01A	STAD	3.451217107	2.524446569	0.218254804
TCGA-V1-A8MG-01A	PRAD	4.185719035	1.563123226	0.18904201
TCGA-BR-6802-01A	STAD	2.876679453	3.586302484	0.388192637
TCGA-AA-A03J-01A	COAD	3.405594513	5.036350818	1.089091831
TCGA-DD-AAE0-01A	LIHC	5.383486359	4.307419881	1.027933385
TCGA-FD-A43U-01A	BLCA	5.016678352	3.324708528	0.5369927
TCGA-ET-A2N5-01A	THCA	2.437782798	1.128885984	0
TCGA-44-3398-01A	LUAD	4.480168827	1.57727646	0.08348502
TCGA-BH-A202-01A	BRCA	3.379534676	3.682762001	0.01727638
TCGA-44-2666-01A	LUAD	3.776755639	3.753397579	0.414837708
TCGA-09-0364-01A	OV	5.072996705	4.663781261	1.361189239
TCGA-IA-A83S-01A	KIRP	1.789803242	2.659527037	0
TCGA-94-8490-01A	LUSC	4.338366956	3.619218639	0.242674988
TCGA-CJ-4638-01A	KIRC3	3.354773139	2.510406045	0.015720747
TCGA-AA-A004-01A	COAD	2.297377802	6.802201211	0.815384284
TCGA-S9-A6WQ-01A	LGG	4.505255477	1.953618715	0.005737629
TCGA-DX-AB3C-01A	SARC	4.603604224	3.337874242	0.819226826
TCGA-E2-A1LB-01A	BRCA	3.262773828	2.52609128	0.006042266
TCGA-E2-A15O-01A	BRCA	3.284723056	4.711802076	0.05161239
TCGA-25-1316-01A	OV	5.185903933	3.052851781	0.059167418
TCGA-22-5492-01A	LUSC	3.582427583	3.670021101	0.158752143
TCGA-G3-AAV1-01A	LIHC	2.271120544	2.740906049	4.15137175
TCGA-DX-A6YV-01A	SARC	3.311024969	4.111084439	0
TCGA-BT-A20P-01A	BLCA	4.813647407	3.76586102	0.956392317
TCGA-L6-A4ET-01A	THCA	3.46436637	2.003523129	0.01063882
TCGA-XF-A8HD-01A	BLCA	3.30712826	4.459252139	0.381032841
TCGA-DU-A5TW-01A	LGG	5.184048903	2.290488875	0

TCGA-64-1677-01A	LUAD	5.90961614	3.335744965	0.104743931
TCGA-AJ-A3TW-01A	UCEC	5.969652858	4.246314357	0.476260365
TCGA-ER-A196-01A	SKCM	2.037873552	2.354338825	0
TCGA-AO-A03N-01B	BRCA	2.715749207	2.648032128	0
TCGA-CM-4744-01A	COAD	3.660237766	3.722300714	0.14253011
TCGA-DX-A23R-01A	SARC	2.963042315	3.645315602	0.005254167
TCGA-JV-A75J-01A	SARC	5.114414681	4.561437519	0.849529359
TCGA-28-2513-01A	GBM	2.386279925	2.691625104	0.089849822
TCGA-B5-A3F9-01A	UCEC	4.110551743	2.948961925	0.140253667
TCGA-DK-AA74-01A	BLCA	2.738457995	4.337869545	0.509255296
TCGA-C8-A12Y-01A	BRCA	3.685112115	3.11846872	0.095584203
TCGA-ED-A459-01A	LIHC	2.340386722	3.552065256	0.181514568
TCGA-DU-6402-01A	LGG	2.681120792	3.130079701	0.160175486
TCGA-CR-6478-01A	HNSC	3.352590963	3.176847656	0.073702872
TCGA-A7-A3IY-01A	BRCA	3.00485714	2.839500149	0.071125672
TCGA-AA-3553-01A	COAD	4.257689733	4.511647399	0.138616208
TCGA-62-A46O-01A	LUAD	4.606731965	4.285337859	0.369670187
TCGA-A5-A0G2-01A	UCEC	5.612494601	4.196442774	0.174734152
TCGA-CN-6020-01A	HNSC	3.617507392	2.528599158	0.00559219
TCGA-3K-AAZ8-01A	LIHC	2.298556538	1.229489577	0.20446282
TCGA-MG-AAMC-01A	PRAD	3.373873305	1.387968465	0.039242716
TCGA-3B-A9HU-01A	SARC	2.920956963	5.4727151	0.004564259
TCGA-DD-A1EA-01A	LIHC	1.383351346	2.045135948	1.207277795
TCGA-EJ-A7NG-01A	PRAD	3.515158285	1.200225375	0.017599633
TCGA-LN-A5U6-01A	ESCA	2.468081657	3.550097627	0.002996557
TCGA-5P-A9KA-01A	KIRP	3.258051764	1.143100914	0
TCGA-A8-A07C-01A	BRCA	4.383842874	4.440422208	0.247331847
TCGA-85-A4JB-01A	LUSC	4.351903104	4.047207849	0.278914465
TCGA-2H-A9GR-01A	ESCA	3.457827653	3.302362909	0.981311284
TCGA-KL-8324-01A	KICH	3.753379742	3.272811893	0
TCGA-63-7023-01A	LUSC	5.289528821	4.464975072	0.261034342
TCGA-BF-A3DM-01A	SKCM	2.566604982	3.732938511	0.26737395
TCGA-B2-5633-01B	KIRC	3.601973795	0.92041401	0
TCGA-DU-A76R-01A	LGG	4.285118189	1.766247024	0.111133514
TCGA-HC-8258-01B	PRAD	3.762415483	0.672618949	0
TCGA-CX-7085-01A	HNSC	2.193594552	1.849540945	0.038338494
TCGA-AA-3492-01A	COAD	3.396611115	3.522442698	0.557339081
TCGA-CF-A9FM-01A	BLCA	3.42098201	1.176751522	0.374687145
TCGA-CN-A63U-01A	HNSC	4.699553142	3.645718066	0.175666297
TCGA-86-6851-01A	LUAD	3.594974748	3.148386607	0.422154887
TCGA-DF-A2KU-01A	UCEC	3.935417608	5.499271534	2.261702536
TCGA-AC-A4ZE-01A	BRCA	3.478515835	3.6515306	0.181118108
TCGA-EJ-A65G-01A	PRAD	3.426039137	1.325991289	0.041747788
TCGA-69-8453-01A	LUAD	2.709223045	2.513027956	0.019056752

TCGA-HF-7132-01A	STAD	3.187857345	3.229821904	0.358772424
TCGA-E2-A15T-01A	BRCA	2.691007088	3.466847798	0.043163133
TCGA-09-1668-01B	OV	3.871707746	4.52389029	0.13382735
TCGA-ZC-AAAA-01A	THYM	4.773489575	3.651335226	2.800436196
TCGA-E3-A3E2-01A	THCA	3.251832458	2.295265924	0.169497376
TCGA-3A-A9IB-01A	PAAD	2.856779536	2.346323167	0.015812902
TCGA-CJ-5679-01A	KIRC1	7.24154992	1.445993089	0
TCGA-S9-A6WP-01A	LGG	4.676646866	3.173332812	0.020478444
TCGA-IB-8127-01A	PAAD	2.984996346	1.951962547	0.025000146
TCGA-V4-A9E8-01A	UVM	2.943079436	2.154998833	0
TCGA-BQ-7053-01A	KIRP	2.854410001	2.304022335	0.003492847
TCGA-QR-A6H3-01A	PCPG	3.360937633	3.655813907	0
TCGA-XJ-A9DX-01A	PRAD	4.355162109	1.894468662	0.068577359
TCGA-KL-8323-01A	KICH	3.318606814	3.210798872	0.188273171
TCGA-BP-4959-01A	KIRC2	1.10002476	1.711403803	0
TCGA-D7-A4YU-01A	STAD	3.633267123	4.383325474	1.220200429
TCGA-55-7227-01A	LUAD	3.43565534	2.550714557	0.284117831
TCGA-A8-A096-01A	BRCA	2.533767132	2.237351544	0.043424826
TCGA-MQ-A4KX-01A	MESO	2.977830101	2.095531323	0.02548738
TCGA-EW-A1PE-01A	BRCA	2.553709144	2.112307849	0.018389102
TCGA-B0-4697-01A	KIRC4	2.49681607	2.102273926	0.180977681
TCGA-L5-A4OU-01A	ESCA	4.191885834	3.262451769	0.122439306
TCGA-EY-A214-01A	UCEC	2.876349263	2.992385077	0.069012428
TCGA-CV-7100-01A	HNSC	3.616782958	3.905299901	0.176514606
TCGA-AA-3854-01A	COAD	2.985245152	3.383989114	0.045360519
TCGA-BP-5200-01A	KIRC1	1.505328748	1.618042089	0.007130341
TCGA-E9-A5UP-01A	BRCA	2.885101355	2.376431752	0.006329945
TCGA-D7-8576-01A	STAD	2.86694085	4.366272032	0.248504678
TCGA-C8-A8HP-01A	BRCA	3.3753282	4.167684999	0.121730287
TCGA-W2-A7HC-01A	PCPG	3.480641763	1.276338261	0.01996847
TCGA-A8-A08G-01A	BRCA	2.837934691	3.487520445	0.127153295
TCGA-VS-A8QA-01A	CESC	3.840515263	5.67678325	1.147702016
TCGA-BP-5192-01A	KIRC2	1.915895029	1.674535049	0.004505892
TCGA-AC-A2QH-01B	BRCA	5.342404335	2.512678904	0.312569286
TCGA-46-3768-01A	LUSC	3.681829943	4.518294774	0.05550232
TCGA-27-1831-01A	GBM	4.889288636	2.375217393	0.052876912
TCGA-EP-A3JL-01A	LIHC	2.122309764	3.562840174	0.942229406
TCGA-D1-A0ZQ-01A	UCEC	4.692490813	3.462160341	1.728665915
TCGA-BP-4765-01A	KIRC3	2.66816192	1.708097903	0.022112232
TCGA-EO-A3AS-01A	UCEC	3.336732574	3.074748426	0.121732435
TCGA-BJ-A0Z9-01A	THCA	2.681762926	2.045484685	0.013682701
TCGA-FI-A2F8-01A	UCEC	4.092966387	4.119470355	0.836311725
TCGA-29-1785-01A	OV	3.85273627	4.1916945	0.026808
TCGA-A7-A4SB-01A	BRCA	3.469535153	3.864325764	0.024830612

TCGA-30-1892-01A	OV	4.273280083	2.565851032	0
TCGA-HC-8257-01A	PRAD	3.941485866	1.572342028	0.049670727
TCGA-F5-6811-01A	READ	3.756378462	3.228562619	0.373729442
TCGA-EB-A3HV-01A	SKCM	1.749924572	3.282701158	0.013968051
TCGA-AC-A6IX-01A	BRCA	2.855990858	2.548082995	0.114404402
TCGA-CV-7432-01A	HNSC	3.188380415	3.36307884	0.033630986
TCGA-34-5927-01A	LUSC	4.348149292	3.225762057	1.148144927
TCGA-EM-A4FH-01A	THCA	2.584575357	1.040838426	0.004279733
TCGA-56-A4BW-01A	LUSC	3.879618733	3.680557956	0.053357293
TCGA-CV-A45Y-01A	HNSC	3.761409594	3.104825569	0.098363758
TCGA-HI-7170-01A	PRAD	2.44951087	1.603728733	0.029460457
TCGA-ZM-AA0D-01A	TGCT	4.730752014	4.072942349	0.644268529
TCGA-B4-5835-01A	KIRC2	3.10216058	2.144372037	0
TCGA-AJ-A2QK-01A	UCEC	4.877466064	3.197361323	0.219730556
TCGA-SJ-A6ZJ-01A	UCEC	4.321514691	3.139057709	0.41575922
TCGA-D5-6533-01A	COAD	4.270358676	4.723815573	1.439572996
TCGA-BR-8687-01A	STAD	2.310751319	2.61769969	1.094432996
TCGA-B7-A5TJ-01A	STAD	3.683130921	3.424560431	0.315877146
TCGA-AO-A0J3-01A	BRCA	3.048466637	3.971820156	0.026438189
TCGA-BJ-A28W-01A	THCA	3.660171813	2.681794021	0.552731704
TCGA-E1-A7YY-01A	LGG	2.365571081	2.519367305	0.084199885
TCGA-94-7943-01A	LUSC	4.071855722	3.390651919	0.230948374
TCGA-B6-A0WS-01A	BRCA	2.917076463	3.564507182	0.191011412
TCGA-FN-7833-01A	LGG	3.617375956	1.707681478	0
TCGA-EJ-5519-01A	PRAD	3.161904412	1.692218237	0.007824641
TCGA-DC-6682-01A	READ	4.536451146	3.290813544	0.476447489
TCGA-CV-7253-01A	HNSC	2.575506678	2.659612055	0.069152643
TCGA-13-0885-01A	OV	4.367011534	4.84219164	0.132910622
TCGA-21-5782-01A	LUSC	3.568283049	3.568810748	0.703235673
TCGA-EO-A3KW-01A	UCEC	4.511680932	4.592984509	0.107237938
TCGA-12-0619-01A	GBM	3.378259746	4.597410231	0.291025475
TCGA-A5-A0RA-01A	UCEC	4.187114486	2.506018539	0.092101136
TCGA-B5-A1MU-01A	UCEC	3.398052962	3.744158072	0.752806757
TCGA-A8-A09Q-01A	BRCA	3.722719497	3.656475902	0.004347367
TCGA-34-5239-01A	LUSC	5.191026023	3.109339932	0.461899679
TCGA-FB-A545-01A	PAAD	3.98744769	3.892525308	0.010605172
TCGA-D8-A1JD-01A	BRCA	3.429274174	3.995850799	0.028477867
TCGA-UZ-A9PZ-01A	KIRP	3.360206882	2.242963937	0
TCGA-XJ-A9DQ-01A	PRAD	3.685713669	1.242091421	0.078238247
TCGA-55-8615-01A	LUAD	3.235455062	3.027094854	0.201819029
TCGA-OR-A5K3-01A	ACC	2.283926484	2.916286266	0.14565306
TCGA-RW-A68B-01A	PCPG	4.055096912	3.902605384	0
TCGA-FE-A23A-01A	THCA	3.080089132	2.71839052	0.010408006
TCGA-QN-A5NN-01A	UCS	3.850102333	4.288729989	0.038464259

TCGA-EM-A2OW-01A	THCA	1.84644145	1.307403114	0
TCGA-BH-A0BV-01A	BRCA	2.714130543	2.403917253	0.034560851
TCGA-A7-A26G-01A	BRCA	4.173903551	2.540560192	0.010618336
TCGA-DB-A4XB-01A	LGG	4.488954091	2.912353299	0
TCGA-95-A4VN-01A	LUAD	3.954709932	3.524443158	0.956345257
TCGA-XM-A8RH-01A	THYM	5.174342419	4.485786459	2.463238555
TCGA-EJ-7330-01A	PRAD	2.514910209	1.267221228	0.027484441
TCGA-B0-5710-01A	KIRC	2.844531443	1.26093404	0
TCGA-AG-4007-01A	READ	5.062614808	4.119629631	0.430773304
TCGA-AP-A0LF-01A	UCEC	4.646517304	3.962344226	0.309289821
TCGA-IM-A41Z-01A	THCA	3.164542829	2.846137334	0
TCGA-DD-AADU-01A	LIHC	2.096063428	1.012149044	0.237524788
TCGA-HC-7817-01B	PRAD	3.097040549	2.015318491	0.057375358
TCGA-29-1705-01A	OV	4.001766398	4.41712421	0.147922107
TCGA-CR-7402-01A	HNSC	2.532185772	4.235786321	0.106198896
TCGA-D1-A17T-01A	UCEC	4.53031908	2.655702027	1.016430778
TCGA-DX-A8BU-01A	SARC	3.42439232	5.74066103	0
TCGA-AA-3675-01A	COAD	3.784081355	3.749940747	0.19926038
TCGA-HT-7471-01A	LGG	4.610141987	4.505235603	0.33458991
TCGA-C8-A12Z-01A	BRCA	2.681236387	2.70025602	0.114646213
TCGA-VQ-A8DZ-01A	STAD	3.691642369	3.580531005	0.877227027
TCGA-EL-A3MY-01A	THCA	2.60501579	2.432266668	0.104784183
TCGA-CE-A482-01A	THCA	3.255241159	2.162574097	0
TCGA-A8-A08S-01A	BRCA	2.51280534	3.51501726	0.031085498
TCGA-VQ-AA6K-01A	STAD	2.851875721	3.995694203	0.525215134
TCGA-TQ-A7RQ-01A	LGG	4.895503002	1.682554606	0.421784381
TCGA-CD-A4MG-01A	STAD	3.709329254	3.808188535	0.888979068
TCGA-10-0937-01A	OV	3.829809622	3.760645735	0.277381356
TCGA-24-2280-01A	OV	4.222517174	3.881908688	0.272312543
TCGA-2Z-A9JE-01A	KIRP	3.1456722	2.261240281	0.104311289
TCGA-50-8460-01A	LUAD	2.642262988	2.313799038	0.022129846
TCGA-QH-A6CX-01A	LGG	2.765068238	2.168899304	0.064002275
TCGA-NC-A5HH-01A	LUSC	5.884799339	4.222536529	1.31455194
TCGA-CV-6961-01A	HNSC	2.732897367	3.588530834	0.181787348
TCGA-D8-A1XR-01A	BRCA	3.634009264	2.560484991	0.133681748
TCGA-BH-A1F2-01A	BRCA	2.837844637	2.608097004	0.004169195
TCGA-55-A48Y-01A	LUAD	3.372283116	3.033697411	0.028447945
TCGA-XK-AAJA-01A	PRAD	3.945389489	1.837700882	0.101212193
TCGA-49-AAR2-01A	LUAD	3.822038194	4.222019335	0.922199813
TCGA-D7-A6EV-01A	STAD	3.626293632	4.713324838	0.384347083
TCGA-CD-8524-01A	STAD	2.878979156	2.373934268	0.037220163
TCGA-DU-8162-01A	LGG	2.234317601	2.636974679	0.027734712
TCGA-ZJ-A8QR-01A	CESC	4.832616817	3.673655768	0.141902699
TCGA-63-7022-01A	LUSC	2.801990594	2.292856066	0.16875489

TCGA-61-1737-01A	OV	4.14011103	4.615169094	0.036717828
TCGA-EJ-5501-01A	PRAD	2.594323202	1.769985726	0.066402119
TCGA-VQ-A91A-01A	STAD	3.068593726	3.413108235	0.169809341
TCGA-OL-A66P-01A	BRCA	3.587901017	4.103450592	0.155659013
TCGA-UD-AAC5-01A	MESO	4.105174039	3.266529356	0.070624117
TCGA-CH-5752-01A	PRAD	3.864880479	1.874582888	0.114027175
TCGA-CN-4741-01A	HNSC	3.467670625	4.630551107	0.077320736
TCGA-BL-A0C8-01A	BLCA	3.186532351	3.102885939	0.151199929
TCGA-2G-AAG7-01A	TGCT	5.112556919	4.660786323	1.493337623
TCGA-MH-A855-01A	KIRP	2.723208412	1.029171761	0.005312115
TCGA-25-1630-01A	OV	3.969636891	3.750381677	0.352913901
TCGA-XM-A8RE-01A	THYM	5.356169534	4.732483208	3.200111313
TCGA-X6-A7WC-01A	SARC	3.283582515	3.731593529	0.013294383
TCGA-XM-A8R9-01A	THYM	5.105396404	3.219621909	1.4806818
TCGA-KO-8405-01A	KICH	2.761318108	1.991415009	0
TCGA-OR-A5JT-01A	ACC	1.818239748	4.485392694	0.250753049
TCGA-BP-4355-01A	KIRC	4.112759124	1.210885036	0
TCGA-RD-A8MV-01A	STAD	3.235872234	3.121198812	0.412253534
TCGA-CJ-5676-01A	KIRC	2.023702798	1.157969831	0
TCGA-EA-A5O9-01A	CESC	3.965818082	4.365581229	0.01727355
TCGA-49-AAR9-01A	LUAD	3.561530014	4.033952271	0.172293103
TCGA-V4-A9E9-01A	UVM	4.085723248	2.026036854	0
TCGA-A8-A090-01A	BRCA	3.074818991	4.025619613	0.041117771
TCGA-AR-A251-01A	BRCA	4.41446894	3.873426763	0.850196729
TCGA-EM-A2CS-01A	THCA	3.306096547	1.981560839	0
TCGA-HU-8610-01A	STAD	2.819708691	3.011547584	0.261030274
TCGA-24-2288-01A	OV	4.560118271	4.063845572	0.115117972
TCGA-CG-5726-01A	STAD	3.55987972	4.395177733	0.186809397
TCGA-78-8655-01A	LUAD	3.178178475	2.356476823	0.179666988
TCGA-B8-5159-01A	KIRC	2.106051675	2.092667995	0.011999348
TCGA-YU-A90Q-01A	TGCT	4.411498841	4.572989017	0.922351621
TCGA-55-7911-01A	LUAD	4.023001499	3.616698388	0.124805935
TCGA-NA-A4R1-01A	UCS	4.255391713	6.350170511	1.219955263
TCGA-77-8154-01A	LUSC	5.188471687	2.695021651	0.567864111
TCGA-ZF-A9R7-01A	BLCA	5.011061152	3.635325691	0.397467534
TCGA-ZH-A8Y2-01A	CHOL	4.028467238	3.246251084	0.048489258
TCGA-CJ-5686-01A	KIRC	2.605199705	1.07706824	0.008612506
TCGA-A2-A0YM-01A	BRCA	3.812269273	4.023138837	0.308442053
TCGA-FU-A23K-01A	CESC	4.116260299	6.691928953	0.239916756
TCGA-ZG-A9LZ-01A	PRAD	4.33401794	1.341721548	0.093782566
TCGA-F2-A44G-01A	PAAD	4.161414714	2.705498007	0.022328774
TCGA-DX-AB2F-01A	SARC	2.33267843	3.793657625	0
TCGA-CV-5444-01A	HNSC	2.407292967	3.084390093	0.038799769
TCGA-IG-A97H-01A	ESCA	3.725503632	4.469109094	0.027283106

TCGA-41-5651-01A	GBM	4.841034091	5.316083042	0.594040961
TCGA-50-5936-01A	LUAD	2.755083959	3.442659971	0.337327587
TCGA-ET-A25I-01A	THCA	2.051867597	2.771516375	0
TCGA-97-A4M3-01A	LUAD	3.196609344	2.315623191	0.02630136
TCGA-24-1846-01A	OV	4.846512694	4.575950819	1.098710066
TCGA-23-1029-01B	OV	3.972144269	4.215662438	0.531967846
TCGA-VQ-A8P2-01A	STAD	4.213801143	3.755799441	0.534883933
TCGA-BH-A0BG-01A	BRCA	3.40557697	3.054845744	0.260307037
TCGA-55-A490-01A	LUAD	3.367974399	2.330334778	0.073941833
TCGA-25-1328-01A	OV	4.636132701	1.766701202	0.027084603
TCGA-QH-A6CY-01A	LGG	3.883570497	2.475766913	0.048520223
TCGA-P5-A5EW-01A	LGG	3.550233458	1.269417808	0
TCGA-WB-A81N-01A	PCPG	3.515127565	1.268659604	0
TCGA-A7-A0DB-01C	BRCA	3.77397055	0.626331851	0.056857752
TCGA-CZ-4857-01A	KIRC3	2.854375	2.146474065	0.0428051
TCGA-HC-7748-01A	PRAD	2.265884183	1.027502995	0.011239522
TCGA-06-0139-01A	GBM	3.724085264	2.108908887	0.090514494
TCGA-TM-A84M-01A	LGG	5.017898429	3.153386608	0.336534347
TCGA-DE-A0Y3-01B	THCA	3.285516867	2.605273894	0
TCGA-SX-A71R-01A	KIRP	3.892477114	1.713770744	0
TCGA-58-8392-01A	LUSC	4.240816757	3.041820408	0.018221771
TCGA-3E-AAAZ-01A	PAAD	4.059673688	2.804515026	0.280667949
TCGA-LN-A5U7-01A	ESCA	4.026009939	4.236733761	0.034440622
TCGA-2G-AAGE-01A	TGCT	5.595102664	4.423832528	1.997381994
TCGA-B6-A0IP-01A	BRCA	3.179842648	2.883719141	0.046025983
TCGA-C5-A7UC-01A	CESC	4.623533801	4.026545447	1.040378086
TCGA-B0-4698-01A	KIRC4	3.49082093	4.685178962	0.043471031
TCGA-B8-A54E-01A	KIRC1	1.632246862	0.970998129	0.006812572
TCGA-DU-6400-01A	LGG	4.275905268	2.031476218	0.144508562
TCGA-2X-A9D6-01A	TGCT	4.852129898	4.297355148	0.344024041
TCGA-66-2727-01A	LUSC	4.540279507	3.793595535	0.051568191
TCGA-CJ-5680-01A	KIRC2	3.39456811	1.513010024	0.302622329
TCGA-A6-A566-01A	COAD	3.732030159	3.21221045	0.391852733
TCGA-PL-A8LX-01A	BRCA	2.387295071	2.959466203	0.037431514
TCGA-L5-A4OM-01A	ESCA	4.270057381	3.132491375	0.202696756
TCGA-CZ-5464-01A	KIRC2	2.855462863	2.321647864	0.025044453
TCGA-33-AASB-01A	LUSC	4.725503159	3.249834764	0.159573279
TCGA-A5-A0GV-01A	UCEC	5.268257211	3.326817964	2.094926526
TCGA-AN-A041-01A	BRCA	3.233354593	2.834429889	0.004366675
TCGA-CQ-7069-01A	HNSC	2.26952783	2.201096484	0.015905834
TCGA-DK-AA6U-01A	BLCA	4.167274668	5.343456088	0.519693955
TCGA-DD-A1EF-01A	LIHC	3.684094645	2.614704709	0.029041596
TCGA-68-A59J-01A	LUSC	3.993273468	4.264105439	0.293159983
TCGA-76-4932-01A	GBM	3.539508231	3.430821798	0.167972712

TCGA-55-8299-01A	LUAD	3.875564823	2.89360316	0.590613684
TCGA-AR-A2LE-01A	BRCA	3.882773665	2.008360771	0.012265766
TCGA-ED-A82E-01A	LIHC	4.56687766	2.498326139	0
TCGA-QK-A64Z-01A	HNSC	3.776333287	3.020747021	0.443215492
TCGA-AQ-A54O-01A	BRCA	3.860999129	2.985244436	0.016357885
TCGA-KO-8403-01A	KICH	3.274639406	1.760601555	0
TCGA-W2-A7H5-01B	PCPG	4.46461093	4.556653545	0.016649529
TCGA-MI-A75E-01A	LIHC	1.870907026	1.463792193	0.057376766
TCGA-AX-A0IU-01A	UCEC	4.425199427	3.930934861	0.197679894
TCGA-OR-A5JR-01A	ACC	1.735492093	3.486679791	0
TCGA-UZ-A9PK-01A	KIRP	2.711333121	1.090683512	0.011658661
TCGA-TP-A8TV-01A	PRAD	3.899054998	1.796195764	0.118201882
TCGA-FP-A8CX-01A	STAD	2.780180743	3.540414592	0.31644263
TCGA-B6-A400-01A	BRCA	4.571593166	3.615474964	0.46698814
TCGA-KO-8407-01A	KICH	3.311172248	2.039521318	0
TCGA-KK-A8I5-01A	PRAD	3.554108931	0.95413498	0.083360465
TCGA-HZ-A49H-01A	PAAD	3.565100439	2.024857165	0.101365519
TCGA-AK-3433-01A	KIRC3	2.88045588	1.741160985	0.00740181
TCGA-55-6987-01A	LUAD	3.735732355	3.13749191	0.100342209
TCGA-BG-A0MC-01A	UCEC	2.494303818	1.959743295	0.018264152
TCGA-D8-A1XK-01A	BRCA	4.972618547	4.296439841	0.077817498
TCGA-2G-AAGM-01A	TGCT	4.492397241	4.868533651	0.613478359
TCGA-AR-A255-01A	BRCA	3.812444168	3.043140289	0.032464862
TCGA-CD-5799-01A	STAD	2.724302506	3.823067118	1.244753483
TCGA-CN-A499-01A	HNSC	4.014515857	4.028128698	0
TCGA-EJ-5507-01A	PRAD	2.302266292	1.998415916	0.054512837
TCGA-D7-A74A-01A	STAD	3.796757706	3.883249542	0.123494358
TCGA-CF-A1HR-01A	BLCA	2.992428974	3.934973659	0.192975005
TCGA-L5-A8NG-01A	ESCA	3.54221452	3.632806574	0.834109069
TCGA-63-A5MP-01A	LUSC	5.209211803	3.401969548	0.551583676
TCGA-ZG-A9L0-01A	PRAD	4.342928157	1.755142142	0.007075797
TCGA-B0-4818-01A	KIRC3	3.012009516	1.23578475	0.00485458
TCGA-DG-A2KH-01A	CESC	4.626032724	4.958634683	1.396727648
TCGA-34-2600-01A	LUSC	3.119926894	4.618399565	0.384763931
TCGA-E1-A7Z6-01A	LGG	3.596488089	0.782020222	0
TCGA-BF-A1PX-01A	SKCM	3.031641475	4.321967681	0.131906506
TCGA-22-5489-01A	LUSC	3.698443606	3.46995812	0.346592982
TCGA-DU-A6S3-01A	LGG	4.380549774	2.749573414	0.182910782
TCGA-BA-A8YP-01A	HNSC	4.052749129	3.8221284	0.282567258
TCGA-VQ-A8PE-01A	STAD	4.963939767	4.004798476	2.209185225
TCGA-52-7811-01A	LUSC	3.050730072	2.944644056	0.041802366
TCGA-EO-A22R-01A	UCEC	4.267805597	3.605897756	0.507662039
TCGA-QU-A6IO-01A	PRAD	3.519527916	1.834192977	0.075027569
TCGA-BK-A26L-01A	UCEC	3.796372183	3.00308116	0.080270883

TCGA-CJ-4874-01A	KIRC2	4.15163894	1.684194865	0.025391978
TCGA-A6-2682-01A	COAD	3.57960124	3.584500395	0.499016486
TCGA-13-0906-01A	OV	4.132425137	3.41272621	0.021247708
TCGA-AN-A04A-01A	BRCA	1.694238051	2.638271732	0.052250324
TCGA-TM-A7C4-01A	LGG	3.814398706	2.112018535	0.013406567
TCGA-A5-A0GR-01A	UCEC	2.842192496	2.532693525	0.091141287
TCGA-B0-4817-01A	KIRC2	4.6519471	1.39125835	0.014276245
TCGA-44-7669-01A	LUAD	5.039248526	4.857971779	1.953860925
TCGA-EM-A2P0-01A	THCA	2.609244328	1.913181537	0
TCGA-BH-A0E2-01A	BRCA	3.801444811	3.166251667	0.028217413
TCGA-DD-AADY-01A	LIHC	2.523624176	2.872764563	0.020136479
TCGA-V1-A8WV-01A	PRAD	5.350390257	2.669824298	0.303872205
TCGA-GC-A3RC-01A	BLCA	3.380239826	5.725456324	0.131828062
TCGA-FD-A3SP-01A	BLCA	3.377663898	3.359347029	0.126651339
TCGA-BP-4327-01A	KIRC3	7.16111516	1.445893282	0.321158405
TCGA-L5-A88Z-01A	ESCA	3.719064342	2.727192458	0.055965014
TCGA-D5-6534-01A	COAD	2.491501977	2.426860033	0.204554572
TCGA-QR-A70O-01A	PCPG	3.484335545	3.137791729	0
TCGA-G7-6793-01A	KIRP	2.007921668	3.289248725	0.008808869
TCGA-BR-7722-01A	STAD	3.02820852	2.720276228	0.133466208
TCGA-CZ-5470-01A	KIRC3	2.25188397	2.068994938	0.024910968
TCGA-64-5779-01A	LUAD	4.556959666	3.468702257	0.770081138
TCGA-DJ-A3V4-01A	THCA	3.00788119	2.006916843	0
TCGA-F4-6704-01A	COAD	3.345448918	3.01963148	1.974146953
TCGA-AR-A1AU-01A	BRCA	3.015598919	1.814913101	0.010667611
TCGA-76-4926-01B	GBM	3.275457515	2.973434557	0.166854603
TCGA-BH-A1FN-01A	BRCA	5.080430435	3.213803066	0.101898385
TCGA-J9-A8CP-01A	PRAD	3.077221072	1.249748019	0.012852748
TCGA-CZ-5989-01A	KIRC2	4.21349184	0.407029698	0
TCGA-99-7458-01A	LUAD	2.68377932	1.552056529	0.055772983
TCGA-ZB-A96V-01A	THYM	4.80633157	3.668573434	0.259996352
TCGA-UZ-A9PQ-01A	KIRP	2.768394326	1.886229787	0
TCGA-HU-A4GH-01A	STAD	3.178439102	3.72179066	0.058837975
TCGA-KN-8432-01A	KICH	3.128582746	2.492448466	0
TCGA-L6-A4EU-01A	THCA	2.896731735	2.048185137	0.261873941
TCGA-EV-5903-01A	KIRP	1.770245038	1.219776613	0.010464492
TCGA-44-8120-01A	LUAD	3.29653649	2.394258643	0.021575951
TCGA-BP-4163-01A	KIRC2	6.81891501	1.368996064	0.028846108
TCGA-FG-5963-01A	LGG	3.381291884	3.534930277	0.019229338
TCGA-A7-A2KD-01A	BRCA	3.47101135	3.88581018	0.310843004
TCGA-BR-4201-01A	STAD	4.430214422	2.493686061	0.135535276
TCGA-CJ-4901-01A	KIRC3	6.63577484	2.280363182	0.051468298
TCGA-AA-A00E-01A	COAD	4.701305655	3.710458352	0.425902255
TCGA-D1-A0ZP-01A	UCEC	4.010806725	3.799003387	1.087467097

TCGA-BH-A0DS-01A	BRCA	2.384939423	1.225670011	0.026270977
TCGA-A6-6651-01A	COAD	3.037584557	4.044626269	0.538337744
TCGA-60-2695-01A	LUSC	4.845131345	5.914246474	0.438414459
TCGA-B5-A0K9-01A	UCEC	2.982465179	3.433102842	1.710064142
TCGA-JX-A5QV-01A	CESC	4.308924235	5.362196351	0.219033012
TCGA-24-1549-01A	OV	3.781025064	4.99209636	0.174244318
TCGA-VM-A8CB-01A	LGG	5.603719966	2.174399968	0.690296317
TCGA-WB-A81V-01A	PCPG	2.484519783	3.000097514	0
TCGA-NH-A50T-01A	COAD	4.89355099	4.633740789	1.023499058
TCGA-BH-A1ET-01A	BRCA	3.425847519	1.193819022	0.003287954
TCGA-06-0132-01A	GBM	2.488852984	1.937804591	0.020680339
TCGA-P4-A5E8-01A	KIRP	2.500100355	2.080784205	0.019533294
TCGA-25-1319-01A	OV	2.679985973	3.721320953	0.061900404
TCGA-AN-A0FY-01A	BRCA	5.109966296	4.024108509	0.749312748
TCGA-46-3766-01A	LUSC	2.040589569	1.944353461	0.637272167
TCGA-E7-A3Y1-01A	BLCA	4.995285377	1.677290995	0.241603078
TCGA-CM-6170-01A	COAD	4.052746058	3.563293102	1.153079444
TCGA-AC-A2FB-01A	BRCA	2.711931706	2.23190357	0.018423882
TCGA-VQ-A94T-01A	STAD	3.528524808	3.852376901	0.045067772
TCGA-C8-A273-01A	BRCA	3.119059124	2.61487612	0.070680668
TCGA-BP-4987-01A	KIRC	3.551094067	1.206015926	0.013508963
TCGA-44-4112-01B	LUAD	3.998439266	1.494770313	0.045168079
TCGA-E2-A1IO-01A	BRCA	2.932083463	2.741558926	0.083616445
TCGA-V5-AASW-01A	ESCA	4.37641217	4.423507941	0.480716879
TCGA-GM-A2DN-01A	BRCA	3.449860474	3.011762264	0.017514778
TCGA-FV-A23B-01A	LIHC	2.872109577	2.73367921	0.031849683
TCGA-HT-7608-01A	LGG	3.022259117	0.729670421	0.018274926
TCGA-CC-5258-01A	LIHC	3.754956519	2.765517679	0.212922587
TCGA-CD-8525-01A	STAD	4.288724656	3.562961191	0.474729051
TCGA-AA-A02J-01A	COAD	4.211554579	5.021802982	1.025804814
TCGA-IM-A3U2-01A	THCA	3.121515937	2.111308009	0.051127238
TCGA-09-1666-01A	OV	4.208748659	3.658616512	0.009732991
TCGA-B0-5081-01A	KIRC	2.906957598	2.278820038	0.061131637
TCGA-CV-6941-01A	HNSC	3.249745199	2.785393941	0.178477392
TCGA-A7-A0DC-01B	BRCA	5.593608145	2.044554393	0.280753259
TCGA-86-A4D0-01A	LUAD	5.068393787	4.514686885	1.686999424
TCGA-24-1418-01A	OV	3.869321493	3.909331098	0.293479032
TCGA-XF-A9SK-01A	BLCA	4.128460988	3.368206588	0.350863067
TCGA-BL-A13J-01A	BLCA	4.863626574	1.879768119	0.327983977
TCGA-A8-A06N-01A	BRCA	2.462452637	4.08738073	0.070026593
TCGA-UZ-A9PM-01A	KIRP	2.092795004	1.161962864	0.030898334
TCGA-N5-A4RD-01A	UCS	3.609316496	3.528190701	0.505576201
TCGA-D1-A1O5-01A	UCEC	4.546583635	2.555811437	1.448085015
TCGA-2G-AAHT-01A	TGCT	3.946555963	4.608864572	1.272821651

TCGA-C5-A1M9-01A	CESC	4.963617581	4.869294794	0.583487198
TCGA-AA-3941-01A	COAD	3.792446233	3.925144144	0.242398477
TCGA-AC-A3OD-01B	BRCA	4.173447698	1.670056922	0.044821189
TCGA-HT-8563-01A	LGG	3.276813507	1.32705925	0.009301242
TCGA-EJ-A65D-01A	PRAD	4.466561843	3.194225301	0.835253567
TCGA-EC-A24G-01A	UCEC	2.977077869	1.948057325	0.135422752
TCGA-M7-A71Z-01A	PRAD	3.83486913	2.043647565	0.305297389
TCGA-D8-A1XM-01A	BRCA	2.79796947	2.58599054	0.015826741
TCGA-S3-AA11-01A	BRCA	3.960867915	3.084216881	0.619507165
TCGA-BG-A0MH-01A	UCEC	3.456792049	3.583931491	0.396846801
TCGA-EM-A2CO-01A	THCA	2.03847336	2.353730754	0
TCGA-D8-A1JC-01A	BRCA	2.765934667	3.312266964	0.051939133
TCGA-AN-A0XN-01A	BRCA	3.2996042	0.0142313	0.012819413
TCGA-EM-A2OZ-01A	THCA	3.495765285	2.697669382	0.003100684
TCGA-BJ-A28V-01A	THCA	2.725124694	3.15885368	0
TCGA-06-0743-01A	GBM	3.744773452	3.14037029	0.412223263
TCGA-CM-5349-01A	COAD	2.767468241	4.080549821	1.026392475
TCGA-51-4079-01A	LUSC	3.231740183	2.900628457	0.03086678
TCGA-MP-A4TK-01A	LUAD	3.992305442	3.526904475	0.168621428
TCGA-85-8350-01A	LUSC	4.246227346	3.32938803	0.336228391
TCGA-V4-A9E5-01A	UVM	5.941103148	1.682449135	0
TCGA-2G-AAHA-01A	TGCT	4.324573324	4.346283143	0.447767458
TCGA-G5-6235-01A	READ	3.862530165	3.629518573	0.750544106
TCGA-L5-A4OI-01A	ESCA	3.980264355	2.377218282	1.501757289
TCGA-66-2758-01A	LUSC	4.637797022	3.304860594	0.48507751
TCGA-D7-6822-01A	STAD	3.298479924	4.335555984	0.467273034
TCGA-44-2665-01A	LUAD	3.37842274	1.932313197	0.043841393
TCGA-CA-5256-01A	COAD	3.968481636	3.272132704	0.952764327
TCGA-AA-3525-01A	COAD	4.11360441	3.640347012	0.67769065
TCGA-BJ-A0ZC-01A	THCA	1.355528367	0.715467408	0
TCGA-AX-A063-01A	UCEC	3.166877443	2.510097679	0.20514456
TCGA-B8-4622-01A	KIRC3	3.103421054	1.281123898	0
TCGA-33-A4WN-01A	LUSC	4.371929672	2.799210342	0.02822414
TCGA-P5-A5F2-01A	LGG	3.724997134	1.363404446	0
TCGA-DD-AAE6-01A	LIHC	2.584003251	4.717772385	5.275568308
TCGA-CR-7376-01A	HNSC	1.497608287	2.501850216	0.045104585
TCGA-VD-A8KB-01A	UVM	5.272623446	2.643400315	0.055502695
TCGA-AO-A129-01A	BRCA	3.959604684	4.483635856	0.285209578
TCGA-EJ-7785-01A	PRAD	2.765238494	1.011793245	0.041468908
TCGA-E2-A14Y-01A	BRCA	4.452243182	4.168508634	0
TCGA-D6-A6EM-01A	HNSC	3.713603827	4.44546515	0.193000944
TCGA-KK-A5A1-01A	PRAD	4.404238633	2.416029017	0.065413611
TCGA-S9-A7R7-01A	LGG	3.081409194	1.337923251	0.007740521
TCGA-VS-A9U6-01A	CESC	4.376773184	4.608585235	0.048882995

TCGA-BJ-A4O8-01A	THCA	3.502450675	2.397905246	0
TCGA-2G-AAH3-01A	TGCT	5.139998444	4.55146494	0.429798139
TCGA-CV-5436-01A	HNSC	3.278814071	3.531906564	0.065829752
TCGA-28-5207-01A	GBM	2.472601311	2.591126284	0.148753382
TCGA-E7-A97Q-01A	BLCA	4.973182488	4.151259568	0.086807252
TCGA-CV-5431-01A	HNSC	3.214913436	3.070223284	0.670496685
TCGA-DY-A1DF-01A	READ	3.053570538	3.3932180.493480853	
TCGA-J4-8198-01A	PRAD	3.997441581	1.085934223	0.044130336
TCGA-EJ-7125-01A	PRAD	2.100316177	1.948033397	0.022929694
TCGA-AC-A3W6-01A	BRCA	3.680799919	3.171682105	0.09707231
TCGA-D1-A1NU-01A	UCEC	4.950221041	5.390552416	0.048699235
TCGA-EW-A2FW-01A	BRCA	3.696273356	3.877630309	0.436734251
TCGA-24-1560-01A	OV	4.540506965	2.941691844	0.545503165
TCGA-QR-A703-01A	PCPG	3.369975012	2.442977434	0
TCGA-27-1834-01A	GBM	3.434341394	2.794630082	0.051683949
TCGA-DJ-A3UW-01A	THCA	2.84312255	2.947914272	0.005457031
TCGA-EL-A4KD-01A	THCA	2.779752201	1.241329186	0
TCGA-06-2570-01A	GBM	3.869703278	3.43163377	0.00674389
TCGA-B6-A0RT-01A	BRCA	4.447061566	3.308476697	0.089205427
TCGA-D7-5578-01A	STAD	3.101849798	4.310358659	0.811096434
TCGA-Q1-A73R-01A	CESC	4.027321453	5.163664817	2.297054436
TCGA-KK-A59X-01A	PRAD	3.066187545	3.213065414	0
TCGA-DX-AB2V-01A	SARC	2.949288216	2.218640916	0.523923819
TCGA-H7-A76A-01A	HNSC	4.209989055	3.953831426	0.089370467
TCGA-KV-A6GE-01A	KIRP	3.421219073	1.4334859	0
TCGA-YL-A8SK-01B	PRAD	3.913516461	1.676227535	0.031816002
TCGA-HT-7687-01A	LGG	4.785586498	2.709342909	0.03711286
TCGA-E8-A242-01A	THCA	2.008001174	2.135484823	0
TCGA-S9-A7R1-01A	LGG	4.358236962	1.500106962	0.089245635
TCGA-CC-A8HS-01A	LIHC	5.296222824	4.140611529	0.134034221
TCGA-B0-5694-01A	KIRC	2.819755201	1.128703814	0
TCGA-BH-A1FE-01A	BRCA	3.619060387	2.553633524	0.007917065
TCGA-A5-A3LP-01A	UCEC	3.422767914	3.988722504	0.101448341
TCGA-CI-6619-01B	READ	4.584377011	3.697227261	0.824430889
TCGA-MJ-A68H-01A	SARC	2.828162534	4.101934516	0.007109645
TCGA-AC-A3W5-01A	BRCA	3.246423206	3.597732635	0.178253677
TCGA-XF-A9T5-01A	BLCA	4.52443658	3.910638313	0.210205006
TCGA-OL-A6VR-01A	BRCA	3.829135122	2.559184414	0.120065989
TCGA-55-6642-01A	LUAD	3.160210285	2.785872664	0.064824955
TCGA-YS-A95B-01A	MESO	4.288960211	3.387647526	0.203468381
TCGA-CR-7368-01A	HNSC	3.307526215	3.666972094	0.095386247
TCGA-H8-A6C1-01A	PAAD	4.008773831	2.088208642	0.492971311
TCGA-XM-A8RG-01A	THYM	5.230643921	1.708580028	0.832616935
TCGA-A3-3316-01A	KIRC	2.995602952	1.513505292	0.008612199

TCGA-C5-A8XI-01A	CESC	4.541219932	4.335755399	0.262184248
TCGA-86-8671-01A	LUAD	3.297771122	2.581307434	0.083499246
TCGA-4Z-AA7O-01A	BLCA	4.384578869	2.97946564	0.170102948
TCGA-AN-A0G0-01A	BRCA	4.168984567	4.037385548	0.066203334
TCGA-DU-6395-01A	LGG	3.455643819	2.137795587	0
TCGA-CV-A45V-01A	HNSC	2.731392965	2.084079432	0.058514387
TCGA-E9-A1RE-01A	BRCA	4.124968216	3.890551742	0.06724303
TCGA-EW-A3U0-01A	BRCA	3.828284055	4.272067992	0.492766972
TCGA-33-6737-01A	LUSC	4.463516927	3.220809941	0.242287731
TCGA-GH-A9DA-01A	CESC	4.969866074	4.526077331	1.494492011
TCGA-BF-AAP8-01A	SKCM	4.828584016	2.065281471	0.093659048
TCGA-XE-A8H1-01A	TGCT	5.552035717	4.256344769	1.014734208
TCGA-5S-A9Q8-01A	UCEC	4.431727457	2.480483119	0.409328014
TCGA-G4-6625-01A	COAD	3.458236914	4.486477594	0.875030685
TCGA-FB-A4P6-01A	PAAD	3.245671422	1.300206729	0.020289069
TCGA-XV-AAZW-01A	SKCM	4.1193234	4.457601698	0.288660388
TCGA-SN-A6IS-01A	TGCT	4.898873954	4.816735029	0.565712599
TCGA-KQ-A41O-01A	BLCA	4.340429331	3.994498175	0.336825378
TCGA-BH-A8G0-01A	BRCA	3.558364327	1.654415483	0.007072642
TCGA-PC-A5DN-01A	SARC	3.481149332	2.74727468	0
TCGA-SO-A8JP-01A	TGCT	5.202100005	4.887483009	0.571327705
TCGA-BH-A0AW-01A	BRCA	2.476371444	3.133712916	0.094029856
TCGA-D5-5540-01A	COAD	6.012311952	4.256314186	1.598633062
TCGA-09-1669-01A	OV	5.030832554	4.193464204	0.975769233
TCGA-BP-5182-01A	KIRC	2.031474417	1.588961339	0.008377238
TCGA-13-1404-01A	OV	5.242912835	4.543162983	0.387509447
TCGA-EJ-A7NF-01A	PRAD	3.479627277	1.551887366	0.073657012
TCGA-EB-A51B-01A	SKCM	3.642563926	4.916882209	0.396469004
TCGA-DB-A64P-01A	LGG	4.410190942	3.678682783	0.106091459
TCGA-FG-5964-01A	LGG	4.67938535	3.192326167	0.326508272
TCGA-H9-7775-01A	PRAD	3.302808939	1.240143249	0.065975756
TCGA-AR-A256-01A	BRCA	4.780787239	4.304606452	0.100238648
TCGA-VQ-A922-01A	STAD	4.126952775	3.864041988	1.052707708
TCGA-16-0846-01A	GBM	3.808400309	3.42102489	0.007162598
TCGA-90-7767-01A	LUSC	3.908490257	3.75368459	0.092081691
TCGA-3H-AB3L-01A	MESO	4.458029993	3.70971193	0.081270169
TCGA-24-1553-01A	OV	4.334338413	3.010164875	0.113076396
TCGA-3A-A9IL-01A	PAAD	2.686890913	0.967487698	0
TCGA-DJ-A3VF-01A	THCA	2.484572123	2.775259314	0
TCGA-BP-4768-01A	KIRC	3.459999325	1.288564075	0.008930479
TCGA-06-0141-01A	GBM	3.787797062	2.195176614	0.089006404
TCGA-HZ-8519-01A	PAAD	3.234189137	1.751262341	0.038421713
TCGA-43-5670-01A	LUSC	4.170005436	4.136826407	0.118300876
TCGA-BR-6564-01A	STAD	2.326219177	2.171515198	0.200330758

TCGA-63-A5MB-01A	LUSC	4.960001169	4.1360561	0.358776773
TCGA-VS-A959-01A	CESC	4.360624707	5.524706019	0.160327222
TCGA-24-2254-01A	OV	4.32093765	4.182370077	0.324829809
TCGA-BA-A6DA-01A	HNSC	2.212337423	2.605349144	0.053017382
TCGA-G4-6627-01A	COAD	3.133965428	3.121787943	0.220467399
TCGA-DD-A4NK-01A	LIHC	2.210520848	1.071348771	0.35540853
TCGA-60-2714-01A	LUSC	4.26823285	3.835085793	0.071257551
TCGA-C4-A0F0-01A	BLCA	2.26229079	3.752438326	0.061581407
TCGA-44-A479-01A	LUAD	4.196538929	2.888751325	0.275423968
TCGA-D6-6516-01A	HNSC	2.263965759	2.929935545	0.148339129
TCGA-AO-A0J6-01A	BRCA	3.676957326	4.376169955	0.011328062
TCGA-WY-A858-01A	LGG	4.176297075	2.822971171	0
TCGA-NJ-A55O-01A	LUAD	3.133859454	3.310000498	0.124770827
TCGA-FW-A5DX-01A	SKCM	3.006101194	5.323684951	2.599790227
TCGA-77-8133-01A	LUSC	3.592797057	4.344805317	0.32859418
TCGA-EP-A12J-01A	LIHC	1.571576032	1.656809542	0.055689459
TCGA-DX-A6YR-01A	SARC	3.233937482	3.09177613	0
TCGA-BP-4332-01A	KIRC	4.140413797	1.135814288	1.877439706
TCGA-24-1847-01A	OV	3.317780128	3.784999913	0.094480453
TCGA-QK-A6VB-01A	HNSC	3.383179488	3.421991785	0.081748217
TCGA-QR-A70N-01A	PCPG	3.770168123	2.78316263	0
TCGA-ZJ-AAXT-01A	CESC	4.695932536	4.076457076	0.369455607
TCGA-A2-A0D4-01A	BRCA	4.214528417	4.774928452	0.04841774
TCGA-UD-AAC1-01A	MESO	2.823746935	3.133286786	0.153264926
TCGA-E7-A678-01A	BLCA	3.955654661	1.118980863	0.10208571
TCGA-OR-A5JO-01A	ACC	3.046269874	1.887020399	0.007138848
TCGA-HZ-7922-01A	PAAD	2.441568474	2.518823633	0.005656803
TCGA-38-7271-01A	LUAD	1.98366001	1.995548259	0
TCGA-CN-5359-01A	HNSC	3.015782829	3.192618147	0.139741962
TCGA-B0-5705-01A	KIRC	2.069210633	1.294591799	0.02097561
TCGA-DH-5141-01A	LGG	3.289379343	1.615228618	0.032859376
TCGA-A8-A08A-01A	BRCA	2.415854218	2.091003444	0.06316936
TCGA-CV-7236-01A	HNSC	1.811139292	2.669473152	0.167050838
TCGA-OR-A5JB-01A	ACC	3.941729715	4.75507278	0
TCGA-AA-3664-01A	COAD	4.763948556	3.983057033	0.846826158
TCGA-CV-7424-01A	HNSC	4.817545993	3.472336823	0.460237394
TCGA-EY-A5W2-01A	UCEC	4.051677601	4.452041375	1.036184686
TCGA-2J-AABA-01A	PAAD	3.329647446	1.885888123	0.036690849
TCGA-CW-6088-01A	KIRC	2.564271908	1.911566998	0.012605885
TCGA-OR-A5KW-01A	ACC	2.345018446	2.69731547	0.218776247
TCGA-DW-7834-01A	KIRP	2.648402593	0.853770678	0
TCGA-63-A5MI-01A	LUSC	5.34077595	3.998285042	1.603959118
TCGA-UF-A7JT-01A	HNSC	4.107580889	3.165439163	0.289992235
TCGA-3C-AALJ-01A	BRCA	4.542338845	3.927500073	0.237353793

TCGA-49-4486-01A	LUAD	2.029908245	2.4829514	0.010852021
TCGA-86-6562-01A	LUAD	1.944635179	2.940544518	0.095624927
TCGA-BR-8588-01A	STAD	2.88786847	2.886866299	0.346310321
TCGA-EL-A3ZN-01A	THCA	3.111704829	0.826308999	0
TCGA-B5-A1MS-01B	UCEC	4.236924538	3.579871648	0.262383392
TCGA-77-A5G3-01A	LUSC	4.93628507	4.277532025	0.375348351
TCGA-VB-A8QN-01A	DLBC	4.998266369	4.18268004	1.335079562
TCGA-BH-AB28-01A	BRCA	4.181012168	3.174542391	0.163587119
TCGA-WR-A838-01A	OV	5.767244863	3.757971008	1.463634646
TCGA-AA-3977-01A	COAD	3.99029717	3.58963593	0.893831473
TCGA-HZ-8002-01A	PAAD	3.293661369	1.663652222	0.00534073
TCGA-AA-3986-01A	COAD	3.916652342	3.445006942	0.253241474
TCGA-2Z-A9J3-01A	KIRP	2.750239327	3.254635739	1.251679084
TCGA-FI-A2D2-01A	UCEC	3.017519113	2.436239453	0.011384453
TCGA-EB-A41A-01A	SKCM	4.191623967	4.217268961	0.399702667
TCGA-HT-7611-01A	LGG	3.44812583	1.405519203	0
TCGA-Y8-A8RY-01A	KIRP	3.160944212	1.213615986	0.005392982
TCGA-BA-6869-01A	HNSC	3.841976219	2.15082256	0.167277803
TCGA-AA-3526-01A	COAD	3.837570767	4.434016497	0.317174943
TCGA-BF-A5ES-01A	SKCM	2.649650166	5.061186203	0.060045267
TCGA-3C-AAAU-01A	BRCA	4.236017958	4.567002164	0.186854854
TCGA-CH-5739-01A	PRAD	3.198397431	1.032148122	0.073473738
TCGA-DU-7010-01A	LGG	3.707584053	3.620936884	0.004423198
TCGA-BC-4072-01B	LIHC	2.887012241	3.011490158	0.087293225
TCGA-49-4507-01A	LUAD	3.638476417	3.266596044	0.196419728
TCGA-TS-A7OZ-01A	MESO	3.676976624	4.104995831	0.449123728
TCGA-KS-A4I7-01A	THCA	2.937163834	1.987435547	0
TCGA-EM-A3O7-01A	THCA	2.942820913	1.832236615	0.00472833
TCGA-27-2528-01A	GBM	3.408786001	3.702613155	0.298939665
TCGA-UZ-A9Q0-01A	KIRP	3.149583845	1.947882265	0.19521884
TCGA-2J-AABV-01A	PAAD	2.556727912	1.625394294	0
TCGA-EY-A1G8-01A	UCEC	4.288044062	5.040240147	0.408018999
TCGA-FA-A6HO-01A	DLBC	4.342872602	4.223650236	0.363393452
TCGA-09-2053-01C	OV	4.773337018	4.593226905	0.244150257
TCGA-ER-A19K-01A	SKCM	2.890625426	4.040720143	0.180334302
TCGA-A8-A09M-01A	BRCA	4.123988165	3.630561845	0.047330358
TCGA-AR-A1AN-01A	BRCA	3.045668173	2.145086227	0.033267955
TCGA-CJ-4641-01A	KIRC	3.322921611	2.051105083	0.040234619
TCGA-A2-A0ST-01A	BRCA	3.73570225	2.823831364	0.043271452
TCGA-UZ-A9PS-01A	KIRP	2.853027817	1.953335844	0
TCGA-RL-AAAS-01A	PAAD	2.454432221	2.365381542	0
TCGA-AC-A3YJ-01A	BRCA	3.583763928	2.317820366	0.035321537
TCGA-WB-A81A-01A	PCPG	3.40805998	2.092671286	0
TCGA-SR-A6MP-01A	PCPG	2.753324812	1.768681083	0

TCGA-DV-5574-01A	KIRC2	2.283029456	1.626570021	0
TCGA-IQ-7631-01A	HNSC	2.732428877	1.52113352	0.048670309
TCGA-G2-A3VY-01A	BLCA	3.643752591	4.17047398	0.049041981
TCGA-CV-6955-01A	HNSC	1.70341158	1.942397044	0.049443522
TCGA-FI-A2EU-01A	UCEC	3.995924501	3.957510459	0.143465855
TCGA-CR-7372-01A	HNSC	1.97127717	2.841994728	0.129447923
TCGA-HT-A618-01A	LGG	3.919864368	1.471198162	0
TCGA-ZU-A8S4-01A	CHOL	3.489838484	4.084283783	0.792285847
TCGA-CZ-5986-01A	KIRC2	2.660333134	1.370154627	0.007926399
TCGA-28-2510-01A	GBM	3.461499153	3.520281562	0.060975859
TCGA-S7-A7WV-01A	PCPG	3.379976945	2.172358368	0.052487471
TCGA-HT-7474-01A	LGG	3.144763628	2.083229038	0.018237218
TCGA-38-4625-01A	LUAD	3.516132473	4.772847286	0.034851327
TCGA-G9-6332-01A	PRAD	2.826872722	0.674780212	0.035902024
TCGA-FI-A2EW-01A	UCEC	4.441390898	3.787698624	0.731601975
TCGA-EF-5831-01A	READ	2.748247842	4.143792518	0.371790938
TCGA-J4-A83N-01A	PRAD	3.222011172	1.483268295	0.040156297
TCGA-AL-A5DJ-01A	KIRP	3.455961419	3.724059676	0.280592242
TCGA-A8-A091-01A	BRCA	2.755363982	3.129052059	0.16996937
TCGA-AK-3458-01A	KIRC4	1.154652591	1.974875035	0.0345354
TCGA-DX-A8BV-01A	SARC	3.047769255	4.008900486	0.014001942
TCGA-AG-4022-01A	READ	3.557116955	2.957531992	0.684532971
TCGA-GL-A9DD-01A	KIRP	2.532786289	0.847233471	0
TCGA-X7-A8D6-01A	THYM	5.244360397	4.411838334	2.13898909
TCGA-G9-6365-01A	PRAD	2.995290649	1.647389998	0.050791269
TCGA-OR-A5JX-01A	ACC	3.417250344	1.720765632	0.112080843
TCGA-R6-A6XQ-01B	ESCA	3.324823869	4.691883404	0.25679661
TCGA-BA-A4II-01A	HNSC	2.955568807	3.185601206	0.01191528
TCGA-A6-5662-01A	COAD	4.026422312	3.340734422	1.553135608
TCGA-AX-A05T-01A	UCEC	3.748588793	2.391034544	0.584222407
TCGA-R6-A6KZ-01A	ESCA	3.753248568	3.752914483	0.657363116
TCGA-L5-A8NU-01A	ESCA	3.660625953	2.677358299	0.154083527
TCGA-ZZ-A9JR-01A	KIRP	2.695034074	1.15301493	0.007180267
TCGA-31-1959-01A	OV	3.198665415	3.523182114	0.356312187
TCGA-D1-A2G0-01A	UCEC	5.166617977	4.403775213	0.321808506
TCGA-DD-AAW3-01A	LIHC	2.28868731	1.666866374	0.087788721
TCGA-RD-A8N2-01A	STAD	1.859871543	1.033304657	0.009381293
TCGA-US-A77G-01A	PAAD	3.558495597	2.5154805	0.084402448
TCGA-5R-AAAM-01A	LIHC	1.758709844	1.311231421	0.04863998
TCGA-AG-3898-01A	READ	4.507529811	5.002719724	0.449085985
TCGA-D8-A1JB-01A	BRCA	3.137391799	1.763482092	0
TCGA-KO-8409-01A	KICH	3.345162871	1.895203472	0
TCGA-09-1670-01A	OV	4.573790145	3.530968324	0.251658637
TCGA-EJ-7792-01A	PRAD	2.871691883	0.906774618	0.056317559

TCGA-OR-A5KY-01A	ACC	3.494118899	4.645930784	0.053179931
TCGA-A2-A3XV-01A	BRCA	3.411515756	3.350887961	0.004813968
TCGA-YU-A90S-01A	TGCT	3.790638207	3.520078236	0.176377141
TCGA-F1-6874-01A	STAD	3.318453175	3.540992184	0.944880721
TCGA-12-1597-01B	GBM	4.032786415	4.829588354	0.178169257
TCGA-49-4510-01A	LUAD	3.158956988	1.743514243	0.032761321
TCGA-05-5715-01A	LUAD	1.243584141	2.30937326	0.041649388
TCGA-SX-A71S-01A	KIRP	2.849814185	0.96309529	0
TCGA-3B-A9HS-01A	SARC	2.210061661	4.239847477	0.00465082
TCGA-A6-6654-01A	COAD	2.127123953	3.58745808	0.286451684
TCGA-V1-A9OT-01A	PRAD	4.072985716	1.402100454	0.16399162
TCGA-ZG-A9LM-01A	PRAD	4.176656331	1.003240225	0.114882059
TCGA-BP-4335-01A	KIRC	3.903523887	1.223686046	0.078202811
TCGA-5M-AAT6-01A	COAD	4.913215074	3.994967149	0.494238867
TCGA-C8-A26Z-01A	BRCA	2.508742831	3.106492515	0.055512712
TCGA-G3-AAV7-01A	LIHC	3.084325539	5.240841757	1.006574108
TCGA-GM-A2DA-01A	BRCA	4.016213644	2.720953429	0.102653213
TCGA-AP-A0LE-01A	UCEC	4.925615536	4.498731531	1.833634598
TCGA-AR-A0TR-01A	BRCA	2.84597319	2.032966676	0.017424832
TCGA-37-A5EN-01A	LUSC	5.494752228	4.250028929	0.415696796
TCGA-24-2271-01A	OV	4.169350896	3.102775648	0.169066967
TCGA-78-8640-01A	LUAD	4.139743708	4.279035515	1.116206841
TCGA-BP-4784-01A	KIRC	3.326939811	1.238849234	0
TCGA-EW-A1IX-01A	BRCA	2.600994622	1.884105996	0.021163901
TCGA-FJ-A3Z9-01A	BLCA	4.008144831	2.853571144	0.884142047
TCGA-AA-3688-01A	COAD	3.873202682	4.902277873	0.318332374
TCGA-77-8136-01A	LUSC	3.787665895	4.011988795	0.209895309
TCGA-BP-5183-01A	KIRC	2.956511791	2.300476156	0.040764947
TCGA-3G-AB0T-01A	THYM	4.527183023	4.331298936	2.429144742
TCGA-BH-A1ES-01A	BRCA	4.150554302	2.930989475	0
TCGA-X7-A8M1-01A	THYM	4.744111938	3.11230307	1.90643376
TCGA-FE-A3PA-01A	THCA	3.202614017	2.23819297	0.00882716
TCGA-OL-A5D7-01A	BRCA	5.396489244	5.018210084	1.123868994
TCGA-NJ-A4YG-01A	LUAD	3.993769481	1.872912838	0.150893638
TCGA-25-1634-01A	OV	3.594255402	4.317860788	0.664760893
TCGA-2G-AAG3-01A	TGCT	4.694278972	4.212162968	0.867036191
TCGA-85-8584-01A	LUSC	4.482136904	3.966004315	0.842029574
TCGA-59-2352-01A	OV	3.619850635	3.065913735	0.085036735
TCGA-FR-A2OS-01A	SKCM	3.085874649	3.373117591	0.091384313
TCGA-CR-7364-01A	HNSC	1.834891936	2.482151926	0.018224857
TCGA-E2-A154-01A	BRCA	4.070860035	2.977147114	0.03722731
TCGA-68-8250-01A	LUSC	4.223522437	3.846126304	0.099378181
TCGA-AJ-A3OL-01A	UCEC	4.441697693	3.992330915	0.400236338
TCGA-IR-A3LC-01A	CESC	4.344884747	4.192113655	0.144632111

TCGA-A2-A0CZ-01A	BRCA	2.777596783	1.218262729	0.0058848
TCGA-BR-8296-01A	STAD	3.283099963	3.925859046	0.329566361
TCGA-BP-4989-01A	KIRC3	3.94490582	1.884252931	0.063695678
TCGA-CR-6481-01A	HNSC	1.828558193	3.11894539	0.070852039
TCGA-EM-A3O3-01A	THCA	3.00109443	2.181916178	0.262271586
TCGA-B6-A401-01A	BRCA	3.982807093	3.121121984	0.058069532
TCGA-UF-A7JH-01A	HNSC	3.717962837	2.986931605	0.034221058
TCGA-V4-A9F7-01A	UVM	4.778268643	2.120848739	0.022270807
TCGA-DU-8167-01A	LGG	4.871764519	2.560948285	0
TCGA-DD-AACC-01A	LIHC	2.821420434	2.795393884	0.094848789
TCGA-2G-AALZ-01A	TGCT	3.653106487	3.282963962	0.15480185
TCGA-EL-A3CT-01A	THCA	2.042446908	1.239857704	0.10984803
TCGA-AG-3881-01A	READ	2.895995879	4.40418926	0.957076391
TCGA-LT-A5Z6-01A	BLCA	5.09532454	6.009212073	0
TCGA-QR-A6GU-01A	PCPG	2.688212653	2.511548658	0
TCGA-24-0970-01B	OV	5.6485274	8.85914912	0.077236282
TCGA-EX-A3L1-01A	CESC	2.523861686	3.739775718	0.073662475
TCGA-IG-A3YC-01A	ESCA	4.116372856	3.246369887	0.053502586
TCGA-G3-A5SJ-01A	LIHC	2.535878867	2.567225422	0.257047703
TCGA-W2-A7HF-01A	PCPG	4.279084511	1.908506593	0
TCGA-FY-A3NM-01A	THCA	1.640610778	0.895833745	0
TCGA-G9-6338-01A	PRAD	2.515732796	1.396386612	0.011459116
TCGA-CJ-6027-01A	KIRC3	3.080283166	1.891694949	0.004946113
TCGA-A8-A09W-01A	BRCA	2.634933231	3.734334758	0.0060625
TCGA-ET-A3BV-01A	THCA	2.438547338	1.896756134	0.005264569
TCGA-DJ-A2PN-01A	THCA	2.930864355	2.030476509	0
TCGA-CV-7428-01A	HNSC	3.492623705	3.140171573	0.150732351
TCGA-CF-A47V-01A	BLCA	3.756298344	2.382500315	0.436976043
TCGA-BQ-5892-01A	KIRP	2.201735603	1.7138629	0
TCGA-D6-6515-01A	HNSC	2.19294369	2.581094178	0.095047242
TCGA-DM-A28F-01A	COAD	4.706795038	4.195511511	0.762391611
TCGA-D5-6541-01A	COAD	3.636655521	2.307076717	0.029032933
TCGA-KR-A7K7-01A	LIHC	2.751351124	4.120288162	0.498767358
TCGA-MI-A75G-01A	LIHC	1.996099524	1.709695883	0.021834242
TCGA-55-A48Z-01A	LUAD	3.926904538	4.497671343	0.307365927
TCGA-QM-A5NM-01A	UCS	5.252343258	5.536794052	0.162635597
TCGA-EO-A3AU-01A	UCEC	3.41438083	2.875528486	0.209971092
TCGA-VS-A8QF-01A	CESC	4.068439268	4.501487521	0.145670107
TCGA-FG-8191-01A	LGG	4.372138408	1.181771309	0
TCGA-EI-6882-01A	READ	3.853885182	3.294023396	0.642270153
TCGA-2G-AAH4-01A	TGCT	4.645210057	4.484359475	0.397636606
TCGA-DD-AAED-01A	LIHC	4.088776554	1.747535728	1.136598453
TCGA-B5-A3S1-01A	UCEC	4.860735565	3.38785467	0.635407821
TCGA-YL-A8SR-01B	PRAD	3.060168661	1.330104293	0.032181119

TCGA-G9-7521-01A	PRAD	2.199667367	1.319782776	0.092828347
TCGA-22-4613-01A	LUSC	4.810766213	3.541802975	0.89954393
TCGA-QK-A6IH-01A	HNSC	2.788521566	2.690827873	0.356980758
TCGA-EL-A3ZG-01A	THCA	3.444123742	3.354166862	0
TCGA-CQ-5333-01A	HNSC	3.702994524	3.404257827	0.554883685
TCGA-CF-A8HX-01A	BLCA	4.784877773	3.743011111	1.317212662
TCGA-B2-5636-01A	KIRC3	1.50815396	0.6246755	0
TCGA-BP-4782-01A	KIRC1	1.574798816	1.023944732	0
TCGA-BH-A0B9-01A	BRCA	5.689045505	4.713277766	0.950409667
TCGA-ED-A7PY-01A	LIHC	3.052045782	2.044534327	0.122314811
TCGA-EY-A212-01A	UCEC	4.44387496	3.631752615	1.257853352
TCGA-BF-AAP2-01A	SKCM	4.349092199	4.927859858	0.430948445
TCGA-OR-A5LN-01A	ACC	1.950972596	1.925704166	0
TCGA-CV-7252-01A	HNSC	3.365241832	2.299084087	0.02559423
TCGA-ET-A40P-01A	THCA	2.853035236	2.817328768	0
TCGA-J2-A4AG-01A	LUAD	3.110792143	2.502703955	0.32549089
TCGA-58-8393-01A	LUSC	3.635027644	3.009442106	0.049303727
TCGA-WC-A885-01A	UVM	5.13365969	2.313494929	0
TCGA-CJ-4905-01A	KIRC3	1.78931493	1.312348847	0.148972413
TCGA-L5-A4OG-01A	ESCA	3.900932089	3.218634329	0.336570408
TCGA-04-1350-01A	OV	5.338168696	2.672025051	0.010117682
TCGA-86-8279-01A	LUAD	3.926775402	3.929227103	0.139492667
TCGA-VS-A9V3-01A	CESC	4.025551056	5.396827349	0.872277699
TCGA-DX-A6BE-01A	SARC	2.299086393	2.318466292	0.006916281
TCGA-R8-A6ML-01A	LGG	4.698661222	1.244548356	0.075971852
TCGA-VD-A8KO-01A	UVM	4.56507344	2.233234234	0.046818033
TCGA-B0-5097-01A	KIRC3	2.78322826	1.821419783	0.038043673
TCGA-94-8035-01A	LUSC	4.662652976	3.593982923	0.183604038
TCGA-QR-A7OI-01A	PCPG	3.21104746	1.480607911	0
TCGA-AG-3909-01A	READ	2.802012919	3.913580013	0.370238009
TCGA-D8-A1XW-01A	BRCA	2.427508159	2.164226604	0
TCGA-AG-3574-01A	READ	3.953488696	3.582749551	0.545953531
TCGA-AA-A00K-01A	COAD	4.153177562	4.377522764	0.600887207
TCGA-ZT-A8OM-01A	THYM	4.66513311	5.128742013	3.822333102
TCGA-49-4514-01A	LUAD	3.209621974	3.729478454	0.106071648
TCGA-HT-8109-01A	LGG	3.661702389	2.223111284	0.068710845
TCGA-AX-A06F-01A	UCEC	4.101382707	5.395033809	2.231742176
TCGA-EL-A4KG-01A	THCA	2.747540375	3.309169334	0.003964798
TCGA-G3-A5SI-01A	LIHC	2.47061324	5.652014412	0.231222827
TCGA-A2-A0CW-01A	BRCA	3.843239471	3.810322792	0.606892639
TCGA-BH-A0H3-01A	BRCA	3.189190911	1.646384752	0.018922917
TCGA-RC-A7SH-01A	LIHC	4.091344495	4.700983393	1.549933155
TCGA-KO-8413-01A	KICH	2.738518864	2.245399608	0
TCGA-DD-AADR-01A	LIHC	2.344342868	3.512331762	1.920088787

TCGA-MR-A520-01A	LIHC	1.167184895	0.845404889	0.005980922
TCGA-G9-6378-01A	PRAD	3.22553533	1.158364173	0.037748565
TCGA-E2-A1B1-01A	BRCA	3.732809707	2.097123884	0.020373797
TCGA-C4-A0F7-01A	BLCA	4.770316412	2.885605821	0.076533902
TCGA-BP-4969-01A	KIRC3	1.2830949	1.930169017	0.050569804
TCGA-CH-5788-01A	PRAD	4.123966684	3.611503837	0.06174603
TCGA-ZN-A9VS-01A	MESO	2.632390544	2.616124284	0.012392984
TCGA-BH-A0B3-01A	BRCA	3.514311315	3.706542748	0.026863437
TCGA-EW-A1OY-01A	BRCA	2.936520849	4.331680902	0
TCGA-VS-A9U7-01A	CESC	4.674348721	5.336641235	0.228422984
TCGA-HT-7688-01A	LGG	3.754748109	2.600382019	0.008282057
TCGA-J9-A52C-01A	PRAD	3.177742641	1.106398967	0.018108966
TCGA-F4-6703-01A	COAD	2.926866048	2.500376984	0.081700796
TCGA-DD-A1EB-01A	LIHC	1.679627488	1.459010262	0
TCGA-A8-A09Z-01A	BRCA	2.15337088	2.10060258	0.021151618
TCGA-BR-A4J5-01A	STAD	2.503232024	2.185301426	0.034523097
TCGA-A7-A5ZV-01A	BRCA	3.273871912	4.138249988	0.06742075
TCGA-CR-7398-01A	HNSC	4.030351853	3.892601161	1.036070846
TCGA-BH-A0HF-01A	BRCA	2.671669593	2.541114707	0.049342251
TCGA-BQ-5894-01A	KIRP	3.069312063	3.884829249	0.179779351
TCGA-C8-A1HE-01A	BRCA	2.47995924	1.895083742	0.028037148
TCGA-ZZ-A9JL-01A	KIRP	3.671642023	1.704400998	0.007629791
TCGA-67-6215-01A	LUAD	3.362564101	3.25543254	0.064708675
TCGA-39-5036-01A	LUSC	3.661706034	3.440154397	0.033362201
TCGA-BH-A0DP-01A	BRCA	2.914877751	2.026495216	0.09123897
TCGA-TQ-A7RG-01A	LGG	4.253724047	1.406391807	0.101079563
TCGA-4J-AA1J-01A	CESC	4.466481208	3.878650725	0.843923955
TCGA-C4-A0EZ-01A	BLCA	4.857977062	7.003337246	1.762223493
TCGA-A6-6142-01A	COAD	2.895267802	3.634326879	0.428545906
TCGA-QU-A6IN-01A	PRAD	4.201531078	1.423219586	0.471446895
TCGA-2G-AALW-01A	TGCT	4.305675104	3.89068281	0.177698007
TCGA-QT-A5XK-01A	PCPG	2.342874572	0.613932317	0
TCGA-EI-6510-01A	READ	3.505124759	3.713776655	0.307433903
TCGA-06-5413-01A	GBM	3.65447442	3.718991734	0.150336902
TCGA-06-0645-01A	GBM	3.308019192	2.908001485	0.211750483
TCGA-A2-A0CK-01A	BRCA	3.315996127	3.394918267	0.034867226
TCGA-BQ-5882-01A	KIRP	1.772723955	2.140935841	0.027199908
TCGA-G9-7509-01A	PRAD	2.917513157	1.219917217	0.006104295
TCGA-CR-7393-01A	HNSC	1.307476131	1.497742823	0.072467189
TCGA-A5-A3LO-01A	UCEC	4.275062397	4.16468812	0.131886125
TCGA-BG-A0VX-01A	UCEC	3.561992834	2.326940234	0.077447693
TCGA-TS-A7OY-01A	MESO	3.363556191	2.878794927	0.495675025
TCGA-VQ-A8PO-01A	STAD	3.978094156	2.950516625	0.502490746
TCGA-EB-A82C-01A	SKCM	4.252686215	4.592487865	0.446389147

TCGA-PC-A5DM-01A	SARC	3.890996856	4.752709139	0
TCGA-DU-7304-01A	LGG	3.905851338	1.823093157	0
TCGA-PR-A5PG-01A	PCPG	2.92881566	2.743064273	0.005656946
TCGA-D1-A3JP-01A	UCEC	2.778300909	1.964269019	0.028313934
TCGA-A1-A0SM-01A	BRCA	1.800030352	2.992246102	0.021023147
TCGA-P3-A5Q5-01A	HNSC	4.814543044	4.733004015	0.282065692
TCGA-Z6-A9VB-01A	ESCA	4.233466673	3.721431286	0.142809299
TCGA-44-6778-01A	LUAD	3.718322216	3.639321123	0.264899751
TCGA-AX-A3FZ-01A	UCEC	4.449879827	4.911144791	2.16567567
TCGA-XF-AAMJ-01A	BLCA	3.298819709	2.630767825	0.009595703
TCGA-5P-A9JV-01A	KIRP	3.075622454	2.366771262	0
TCGA-O9-A75Z-01A	KIRP	2.843224087	1.17605553	0.012113962
TCGA-BJ-A0Z0-01A	THCA	1.614286647	1.274818211	0
TCGA-P4-A5EA-01A	KIRP	4.165431763	2.914213225	0.016146644
TCGA-L9-A743-01A	LUAD	3.474285637	3.499308622	0.067159944
TCGA-FB-A4P5-01A	PAAD	3.751575096	2.59194423	0.172501825
TCGA-2G-AAKM-01A	TGCT	5.382542608	4.664357193	1.710788063
TCGA-CC-A9FV-01A	LIHC	2.428300442	2.036505674	0
TCGA-2Y-A9H8-01A	LIHC	2.224347512	3.226817278	1.03016213
TCGA-38-4630-01A	LUAD	4.871212824	5.798720811	0.660016878
TCGA-55-8619-01A	LUAD	2.749302672	2.333669255	0.053498058
TCGA-F4-6809-01A	COAD	4.285662454	3.994471803	0.20010807
TCGA-L5-A8NN-01A	ESCA	4.222421301	4.442181402	0.490246811
TCGA-B0-4824-01A	KIRC	3.481530708	2.091621803	0
TCGA-DW-5560-01A	KIRP	4.490332468	3.249822292	0.078820018
TCGA-2G-AAKL-01A	TGCT	5.679073254	3.867379953	1.661660594
TCGA-AJ-A2QO-01A	UCEC	1.95655607	3.846491367	0.191679378
TCGA-BC-A5W4-01A	LIHC	2.438757654	2.384479762	0.022753614
TCGA-EA-A3HR-01A	CESC	3.657094994	4.179038939	0.160540111
TCGA-ET-A3BW-01A	THCA	3.085356098	1.614544049	0
TCGA-OR-A5JY-01A	ACC	2.692904113	4.529191592	0
TCGA-23-1120-01A	OV	4.713796445	4.620472239	0.491870721
TCGA-OR-A5LA-01A	ACC	1.403980721	3.142524805	0
TCGA-L9-A443-01A	LUAD	4.251570297	2.88190928	0.164326647
TCGA-CS-4943-01A	LGG	4.568558647	4.809731519	0
TCGA-AG-3882-01A	READ	3.130754992	4.216154897	0.704759464
TCGA-G9-6333-01A	PRAD	2.285347739	1.762756854	0.005079058
TCGA-L5-A8NJ-01A	ESCA	3.96677789	4.514551269	0.116365587
TCGA-91-6848-01A	LUAD	4.729059136	4.336265883	0.354783712
TCGA-BR-A4CR-01A	STAD	4.09200666	4.763243707	2.736419093
TCGA-DD-A3A1-01A	LIHC	2.002982179	2.167104788	0.162040411
TCGA-ZM-AA06-01A	TGCT	5.4648865	4.737999315	1.453030248
TCGA-CD-5803-01A	STAD	2.977082884	3.149592769	0.464171909
TCGA-UF-A71D-01A	HNSC	4.320445867	2.522154664	0.086266994

TCGA-FX-A3NK-01A	SARC	2.251763107	3.511617573	0.022764908
TCGA-DI-A1BU-01A	UCEC	4.074090098	3.499679371	0.128029106
TCGA-C8-A131-01A	BRCA	3.389141462	3.403277213	1.846065966
TCGA-DD-AACW-01A	LIHC	3.272117708	3.042539079	0.761100456
TCGA-B4-5844-01A	KIRC	2.065774295	1.473264396	0.47338543
TCGA-62-A46S-01A	LUAD	3.611343868	2.164843773	0.041879641
TCGA-JL-A3YW-01A	BRCA	3.679981406	3.249653254	0.040719356
TCGA-13-0766-01A	OV	4.743402658	4.611682242	0.261434764
TCGA-CN-4730-01A	HNSC	2.719472777	2.867597014	0.263868455
TCGA-XF-AAN5-01A	BLCA	4.581748433	3.051542674	0.082314606
TCGA-GU-A42Q-01A	BLCA	4.465454815	4.006869317	0.836784423
TCGA-OR-A5JQ-01A	ACC	1.530902675	4.566323966	0.005374189
TCGA-K4-AAQO-01A	BLCA	3.758298313	2.742412316	0.510399274
TCGA-EM-A3SX-01A	THCA	3.548496727	2.007635882	0
TCGA-J1-A4AH-01A	LUSC	4.367892012	4.160835599	0.517601285
TCGA-BP-4177-01A	KIRC	4.161773646	1.11709075	0
TCGA-78-7147-01A	LUAD	3.40493747	3.897264214	0.236995995
TCGA-BA-5559-01A	HNSC	3.804956142	5.173879518	0.283456884
TCGA-24-0966-01A	OV	4.92544484	3.046955363	0.228257844
TCGA-ZJ-AAXN-01A	CESC	5.079720711	3.085323711	0.908114811
TCGA-VM-A8CH-01A	LGG	4.423712723	1.840452675	0
TCGA-CF-A47W-01A	BLCA	3.604290252	2.278711733	0.042800122
TCGA-DJ-A3V7-01A	THCA	3.324253174	3.069856286	0
TCGA-D7-6525-01A	STAD	3.578474596	4.505184372	0.221426551
TCGA-SX-A7SP-01A	KIRP	2.656432869	1.428534414	0
TCGA-VN-A88L-01A	PRAD	2.846913349	1.481735499	0.077637773
TCGA-NF-A4X2-01A	UCS	4.170734703	4.646580436	0
TCGA-66-2737-01A	LUSC	3.926122668	3.063725977	0.063411548
TCGA-D1-A1NS-01A	UCEC	3.268207628	2.314185306	0.428784404
TCGA-AK-3427-01A	KIRC	2.865172196	2.490574532	0.021417595
TCGA-BP-5195-01A	KIRC	1.880190849	1.453625251	0.017673943
TCGA-AX-A3FX-01A	UCEC	4.950553007	4.378502728	0.37045633
TCGA-G2-A2EL-01A	BLCA	4.378018643	5.606652052	2.587992055
TCGA-FU-A3TQ-01A	CESC	3.958557487	3.858127122	0.019236976
TCGA-ZP-A9CZ-01A	LIHC	2.760142593	4.844537583	0.412116916
TCGA-BP-4799-01A	KIRC	2.526962082	0.459518129	0
TCGA-AC-A23C-01A	BRCA	2.466147381	2.685972169	0.066604931
TCGA-C8-A12O-01A	BRCA	2.92463999	3.300961765	0.042837425
TCGA-D6-8569-01A	HNSC	4.135126066	4.21050384	0.232895772
TCGA-S9-A6U9-01A	LGG	3.503780739	1.166385182	0.006034277
TCGA-BP-4983-01A	KIRC	4.039907476	3.110309851	0.052873488
TCGA-X6-A8C3-01A	SARC	2.794448522	5.159613735	0
TCGA-UP-A6WW-01A	HNSC	3.968104209	4.844859445	0.329369162
TCGA-IN-AB1X-01A	STAD	3.319991441	3.529448551	0.340280673

TCGA-77-8139-01A	LUSC	4.399575605	3.367482102	0.038525679
TCGA-WC-A87U-01A	UVM	4.787095755	2.301843139	0.019578698
TCGA-CR-7370-01A	HNSC	3.979725405	3.614422909	0.235520282
TCGA-CM-5344-01A	COAD	3.968451021	3.538726113	0.539079464
TCGA-BR-8380-01A	STAD	2.717696403	2.454894846	0.58071178
TCGA-VQ-A8PD-01A	STAD	3.202167333	2.605490052	0.152184263
TCGA-A4-7287-01A	KIRP	3.957655633	2.704445551	0.898798255
TCGA-CR-6482-01A	HNSC	2.467373036	3.508235984	0.140095367
TCGA-DX-A48U-01A	SARC	3.265658658	4.732036773	0
TCGA-D7-6520-01A	STAD	1.470781694	3.862738441	0.033621218
TCGA-W5-AA34-01A	CHOL	4.254101158	3.844992884	0.043260734
TCGA-TQ-A7RN-01A	LGG	4.626506531	2.588326157	0.186272567
TCGA-KN-8418-01A	KICH	3.686644237	2.208301971	0.00436519
TCGA-VD-A8KK-01A	UVM	4.362560759	3.275182962	0.023177146
TCGA-XY-A89B-01A	TGCT	4.612348736	4.357812605	0.70822494
TCGA-CR-6470-01A	HNSC	2.802679094	3.707367306	0.38883972
TCGA-EL-A3ZH-01A	THCA	2.283294107	1.910816123	0
TCGA-L9-A8F4-01A	LUAD	4.37105347	4.154248581	0.283532028
TCGA-J9-A8CL-01A	PRAD	3.879423712	2.302587662	0.060413223
TCGA-VQ-A923-01A	STAD	3.581326845	3.909059123	0.018055908
TCGA-QQ-A8VH-01A	SARC	4.541882586	4.846754538	0.153256076
TCGA-AA-3518-01A	COAD	4.489329383	4.144424663	1.117078579
TCGA-DK-A3IU-01A	BLCA	2.892511625	3.670312177	0.436994232
TCGA-39-5040-01A	LUSC	4.092386015	4.01229477	0.775581775
TCGA-E7-A85H-01A	BLCA	5.567003728	4.410901638	0.165467303
TCGA-LK-A4O4-01A	MESO	3.784030694	0.990891774	0
TCGA-ZP-A9D0-01A	LIHC	2.016132952	0.679348324	0.028406534
TCGA-HC-7232-01A	PRAD	1.950785011	1.232755165	0.014595589
TCGA-DX-AB3A-01A	SARC	4.082758635	3.588065278	0
TCGA-SR-A6MR-01A	PCPG	2.989070267	2.442000343	0
TCGA-XF-AAN4-01A	BLCA	3.71331726	2.123111103	0.091484202
TCGA-DX-A48O-01A	SARC	3.565871264	5.73944696	0
TCGA-DK-A2HX-01A	BLCA	2.527638231	4.464730664	0.040144801
TCGA-AA-3811-01A	COAD	5.024353699	4.53137499	0.605601535
TCGA-DD-AADO-01A	LIHC	2.715903667	2.488918947	0.032618999
TCGA-09-2044-01B	OV	4.354295249	5.082381568	0.269093288
TCGA-EB-A85I-01A	SKCM	2.863454646	3.805651049	0.021285312
TCGA-AA-3841-01A	COAD	2.888116988	4.79015619	0.511279724
TCGA-77-A5G6-01A	LUSC	4.228934307	3.577448829	0.58688824
TCGA-52-7812-01A	LUSC	3.339633579	4.210755643	0.120995065
TCGA-37-5819-01A	LUSC	4.78882632	5.033371436	0.39923438
TCGA-E7-A5KF-01A	BLCA	3.838102683	2.832321574	0.174790322
TCGA-75-5146-01A	LUAD	3.480446688	1.987419731	0.038310438
TCGA-22-4607-01A	LUSC	4.287807941	4.213373203	0.060378209

TCGA-HC-A4ZV-01A	PRAD	5.063898872	3.0122772	0.088904027
TCGA-D8-A1JN-01A	BRCA	3.513528426	0.960660222	0.01518182
TCGA-78-7146-01A	LUAD	3.54780354	3.664042813	0.030821748
TCGA-X6-A8C6-01A	SARC	2.787410706	2.624153347	0
TCGA-E9-A1N8-01A	BRCA	5.181883614	4.285093694	1.761088615
TCGA-EL-A3ZQ-01A	THCA	2.11377357	2.355133276	0
TCGA-68-A59I-01A	LUSC	4.080421774	2.388290176	0.539737218
TCGA-86-7953-01A	LUAD	3.185122627	4.763822889	0.146691652
TCGA-AA-A02Y-01A	COAD	3.107298539	3.576028062	0.113935477
TCGA-EJ-5522-01A	PRAD	2.886842764	0.894678271	0.015821628
TCGA-EM-A1CV-01A	THCA	2.867212149	1.350263414	0
TCGA-DX-A1L2-01A	SARC	2.782983512	1.769705728	0.013169218
TCGA-97-7941-01A	LUAD	3.479830359	1.931097435	0.023474055
TCGA-VS-A9UC-01A	CESC	4.02563441	4.759198404	1.494588868
TCGA-13-0916-01A	OV	4.448113565	5.443050471	0.089645747
TCGA-2G-AAFI-01A	TGCT	5.645719782	4.111840945	2.171293058
TCGA-3G-AB0O-01A	THYM	5.462270039	4.545949123	3.085109457
TCGA-CV-5442-01A	HNSC	3.800112683	3.141846645	0.235811269
TCGA-EK-A2RA-01A	CESC	4.530629237	4.999774172	0.22804215
TCGA-A6-2671-01A	COAD	2.48034099	4.923840931	0.675654175
TCGA-24-1565-01A	OV	4.307802015	1.834047732	0.013618681
TCGA-13-0901-01B	OV	4.562946366	2.820268113	0.42785984
TCGA-R6-A8WC-01A	ESCA	3.611157832	4.314278053	1.30390588
TCGA-DK-A3IQ-01A	BLCA	2.433031377	1.893904261	0.016549764
TCGA-61-2012-01A	OV	3.282884509	5.157180483	0.271539937
TCGA-AA-3812-01A	COAD	2.456886025	3.38908224	1.036377272
TCGA-ET-A3BQ-01B	THCA	2.425991253	1.772901429	0.003762261
TCGA-ZG-A9L5-01A	PRAD	4.052661287	1.678442354	0.038011333
TCGA-64-5778-01A	LUAD	3.074835444	3.28650965	0.02179266
TCGA-DX-AB2P-01A	SARC	3.373521429	4.242897467	0
TCGA-2G-AAFJ-01A	TGCT	3.895281793	3.953139034	0.235782745
TCGA-44-7670-01A	LUAD	3.115645151	4.222120169	0.721745142
TCGA-61-1998-01A	OV	3.32468979	3.737762882	0.067901752
TCGA-3B-A9HI-01A	SARC	3.27674595	3.112465664	0.010779598
TCGA-CN-4733-01A	HNSC	1.934946007	3.4814486	0.276200489
TCGA-ZF-A9R2-01A	BLCA	2.784798759	2.508564794	0.129607272
TCGA-EB-A41B-01A	SKCM	5.862392418	3.68909564	0.735086078
TCGA-ED-A8O6-01A	LIHC	3.435785323	3.012330648	0.057539615
TCGA-EK-A2PL-01A	CESC	4.51961238	3.406459503	0.06954451
TCGA-FD-A5BZ-01A	BLCA	3.539589394	3.268960056	0.160142732
TCGA-V1-A8WL-01A	PRAD	3.378441427	1.124872536	0.276762744
TCGA-CC-A7IK-01A	LIHC	2.315080197	2.390421707	0.233588179
TCGA-D8-A1XJ-01A	BRCA	2.449811898	3.987234165	0.044442675
TCGA-FA-A4XK-01A	DLBC	4.256472541	4.454612501	0.271521577

TCGA-78-7539-01A	LUAD	2.285948031	1.917515058	0.294944349
TCGA-A4-8630-01A	KIRP	2.36768054	1.052369391	0
TCGA-BR-8361-01A	STAD	3.788242837	3.958178766	1.473673242
TCGA-DU-5849-01A	LGG	3.832672602	3.10648106	0.22709735
TCGA-EW-A1J2-01A	BRCA	3.133238027	1.279572058	0.007476275
TCGA-BJ-A28Z-01A	THCA	2.437484264	1.977910335	0.028743728
TCGA-MP-A4SW-01A	LUAD	3.608615616	3.448644415	0.115133111
TCGA-RN-AAAQ-01A	SARC	3.879598269	4.046011389	0
TCGA-85-8352-01A	LUSC	3.868877483	4.056318194	0.775726686
TCGA-EM-A22N-01A	THCA	2.087310456	2.749860266	0.003590887
TCGA-UC-A7PI-01A	CESC	3.952925853	5.196009713	0.153752859
TCGA-FX-A3RE-01A	SARC	2.063512021	3.233785176	0
TCGA-DJ-A3V5-01A	THCA	2.818470831	2.089538682	0.045585619
TCGA-SA-A6C2-01A	PCPG	3.711446551	1.566441535	0.00471429
TCGA-93-7347-01A	LUAD	2.676731528	1.876087932	0.052469876
TCGA-WB-A820-01A	PCPG	3.345315974	2.87459182	0
TCGA-73-4662-01A	LUAD	2.594342143	3.300098417	0.08135626
TCGA-NC-A5HO-01A	LUSC	5.173839595	3.773638116	0.129402392
TCGA-CM-6680-01A	COAD	3.734833754	2.906522469	0.75107055
TCGA-BA-A4IH-01A	HNSC	4.929315609	5.161579686	1.012399282
TCGA-B0-4707-01A	KIRC	2.591151735	2.664143849	0.016478079
TCGA-06-0158-01A	GBM	3.547579945	3.731177247	0.126151879
TCGA-FD-A3B5-01A	BLCA	3.319736442	2.944703705	0.42162278
TCGA-E8-A433-01A	THCA	3.127612618	2.058248719	0
TCGA-EL-A3GZ-01A	THCA	3.094249596	2.252529315	0
TCGA-F7-A50J-01A	HNSC	4.034701816	3.017408661	0.258758114
TCGA-52-7810-01A	LUSC	3.602413759	3.117361048	0.552175277
TCGA-B6-A0IN-01A	BRCA	2.465271739	2.674948992	0.020140624
TCGA-ND-A4WF-01A	UCS	5.472547537	4.424202162	0.260180154
TCGA-78-7149-01A	LUAD	3.154719583	1.772017996	0.045995286
TCGA-B0-4828-01A	KIRC	3.822751097	1.731131377	0
TCGA-AR-A1AR-01A	BRCA	5.15912505	2.514186483	0.01861293
TCGA-EJ-5506-01A	PRAD	2.706480276	1.067428191	0.019028244
TCGA-VQ-A8PU-01A	STAD	4.259871163	3.808025077	0.099523845
TCGA-NK-A5CT-01A	LUSC	4.529061916	3.219221161	0.607676559
TCGA-VD-A8K9-01A	UVM	4.774968677	1.863331298	0.010058041
TCGA-78-7158-01A	LUAD	4.442473344	2.440931386	0.582193101
TCGA-RY-A847-01A	LGG	4.077099887	2.060612273	0.093651327
TCGA-C5-A2LS-01A	CESC	3.644666779	5.525450067	0.037453966
TCGA-CF-A3MH-01A	BLCA	3.863556711	2.656349358	0.397864724
TCGA-KS-A4I5-01A	THCA	2.946049615	1.861940465	0
TCGA-IE-A4EH-01A	SARC	3.558753026	5.059844521	0
TCGA-DU-6405-01A	LGG	2.793980576	3.192705334	0.32536171
TCGA-AA-3543-01A	COAD	3.712315237	3.496022476	0.536713646

TCGA-22-5483-01A	LUSC	3.946339491	4.923817423	0.247249068
TCGA-69-7763-01A	LUAD	2.298713393	2.086081925	0.038546168
TCGA-77-A5GB-01B	LUSC	4.513844052	4.393397848	0.055448368
TCGA-BP-4976-01A	KIRC3	1.64261788	1.917680335	0.140404093
TCGA-CN-6992-01A	HNSC	3.565973305	3.147016123	0.246828843
TCGA-ZF-AA54-01A	BLCA	4.651378045	4.903125274	0.639547523
TCGA-BH-A0HP-01A	BRCA	3.408784402	1.566891691	0.01393287
TCGA-85-A4CL-01A	LUSC	5.075307614	3.247544322	0.540525196
TCGA-37-3789-01A	LUSC	4.618133307	3.032438479	0.140254002
TCGA-A3-3331-01A	KIRC2	2.570139216	2.391618813	0.045364644
TCGA-HT-7467-01A	LGG	3.529846018	2.667799322	0.069369731
TCGA-YA-A8S7-01A	LIHC	3.039445032	3.71556983	0.332035437
TCGA-IB-A7LX-01A	PAAD	4.287137175	2.955568683	0.73725097
TCGA-X7-A8DF-01A	THYM	4.969997436	4.521444921	2.354415459
TCGA-HF-7134-01A	STAD	2.903191233	3.86398542	0.226151441
TCGA-P3-A6T5-01A	HNSC	4.010575916	3.087698013	0.036346513
TCGA-CV-7089-01A	HNSC	3.259618117	2.705182029	0.009503629
TCGA-OL-A66K-01A	BRCA	3.819884013	2.653690376	0.02592976
TCGA-IF-A4AJ-01A	SARC	3.190044795	5.056258563	0.007678997
TCGA-DU-A5TR-01A	LGG	4.125725817	1.243132193	0
TCGA-EJ-A46H-01A	PRAD	3.213595491	1.112211743	0.007195071
TCGA-BR-6456-01A	STAD	2.118975155	4.536966879	0.159015872
TCGA-D1-A16R-01A	UCEC	3.172340214	2.95158889	0.109978524
TCGA-P5-A5EY-01A	LGG	2.33422149	1.254578063	0
TCGA-EK-A3GK-01A	CESC	4.395008975	4.80416881	0.527311859
TCGA-CZ-5457-01A	KIRC3	3.353111773	1.251098607	0.004038319
TCGA-55-7726-01A	LUAD	3.374493362	3.580880683	0.069869111
TCGA-EM-A3OB-01A	THCA	3.686274029	1.919851531	0
TCGA-DX-A1KY-01A	SARC	3.399667435	4.151888837	0
TCGA-AN-A04D-01A	BRCA	3.820678054	5.416008928	0.097998188
TCGA-EA-A5ZF-01A	CESC	3.150095188	6.177122198	0.348269892
TCGA-FD-A6TB-01A	BLCA	4.259169662	4.93804073	1.281258573
TCGA-D1-A17M-01A	UCEC	3.621888749	3.662457928	0.481493254
TCGA-55-8505-01A	LUAD	3.218710622	3.20478287	0.128109273
TCGA-A8-A09B-01A	BRCA	2.950389919	2.727670948	0.034931339
TCGA-V1-A9Z8-01A	PRAD	2.765385336	2.216745666	0.015512734
TCGA-UF-A7JV-01A	HNSC	3.285899096	3.544350376	0.201358277
TCGA-KD-A5QU-01A	SARC	2.820141171	6.176199177	0
TCGA-EW-A3E8-01B	BRCA	4.222713577	3.13024572	0.06583955
TCGA-MH-A561-01A	KIRP	2.902050191	0.562691965	0.006532061
TCGA-85-8048-01A	LUSC	3.788944464	3.312798159	0.179148817
TCGA-BQ-5883-01A	KIRP	1.99722091	0.999794579	0
TCGA-CR-5248-01A	HNSC	4.110425671	4.017308056	0.438785722
TCGA-QR-A70K-01A	PCPG	3.883667944	3.139796296	0.138388267

TCGA-AR-A1AK-01A	BRCA	3.246516692	3.59221534	0.148599414
TCGA-AX-A2HJ-01A	UCEC	4.174140746	3.591078742	0.271697737
TCGA-5P-A9K3-01A	KIRP	3.968769986	3.292000744	0
TCGA-AJ-A8CW-01A	UCEC	4.35982327	3.381733671	0.478251484
TCGA-L5-A8NS-01A	ESCA	3.458174928	2.732007683	0.428250012
TCGA-CH-5751-01A	PRAD	4.571418514	2.85656248	0.075509026
TCGA-TS-A8AV-01A	MESO	3.6092062	2.770978598	0.011520911
TCGA-FD-A5BS-01A	BLCA	3.759222192	4.099011521	2.606372431
TCGA-S9-A7IQ-01A	LGG	2.978282206	2.550415232	0.05604604
TCGA-DD-A3A4-01A	LIHC	1.489337272	0.682991146	0.037403021
TCGA-IM-A4EB-01A	THCA	3.108998763	2.787346833	0.016839018
TCGA-VT-AB3D-01A	SARC	3.445861686	3.910865098	0.060332356
TCGA-CN-A498-01A	HNSC	2.91330958	2.268469101	0.079900093
TCGA-QH-A6XC-01A	LGG	3.39019021	3.581735509	0.250007323
TCGA-78-8648-01A	LUAD	2.722292103	2.789433543	0.134064093
TCGA-2G-AAGS-01A	TGCT	5.001028803	4.217631533	2.324078584
TCGA-E2-A1L9-01A	BRCA	3.272947345	1.34060871	0.076065119
TCGA-CN-5356-01A	HNSC	2.835566865	2.502262728	0.305300513
TCGA-P8-A5KC-01A	PCPG	2.843914077	1.109549456	0
TCGA-BR-8081-01A	STAD	3.964482962	3.739988336	0.301040546
TCGA-A2-A0CO-01A	BRCA	2.822983194	1.678476373	0.041394262
TCGA-A2-A25E-01A	BRCA	4.680372022	3.936468882	0.252852772
TCGA-NH-A8F7-01A	COAD	3.913048116	4.783900229	0.979073677
TCGA-FD-A6TA-01A	BLCA	3.928905452	2.277982978	0.083373052
TCGA-58-8386-01A	LUSC	3.73278776	4.130146732	0.022136785
TCGA-V3-A9ZX-01A	UVM	3.685477993	2.563403432	0.043579042
TCGA-FD-A6TC-01A	BLCA	3.56838652	4.868086538	0.264444556
TCGA-C8-A12K-01A	BRCA	4.531158655	4.635182902	0.310439727
TCGA-C8-A274-01A	BRCA	3.574561251	2.927690354	0.072422706
TCGA-AR-A1AV-01A	BRCA	2.558036068	2.501576018	0.089988859
TCGA-HT-7689-01A	LGG	4.389536988	1.932977829	0
TCGA-D5-6536-01A	COAD	2.606731509	3.261182959	0.689368282
TCGA-B0-4836-01A	KIRC	2.212752969	2.64975802	0.01274073
TCGA-B0-5096-01A	KIRC	2.28872026	1.966436328	0
TCGA-CJ-4875-01A	KIRC	3.531427641	2.052973432	0.024491814
TCGA-34-5240-01A	LUSC	4.029668765	4.095063906	0.043535645
TCGA-AR-A0U4-01A	BRCA	3.567722912	4.016943522	0.051708456
TCGA-73-7498-01A	LUAD	3.353682277	2.404096854	0.050764264
TCGA-A2-A0CT-01A	BRCA	2.999039328	4.342687982	0.170543051
TCGA-WC-A888-01A	UVM	4.026661336	2.357093991	0
TCGA-B5-A11Q-01A	UCEC	3.202626241	3.324574808	0.456645233
TCGA-DM-A28E-01A	COAD	4.561105258	4.258976806	2.015062877
TCGA-FD-A62S-01A	BLCA	3.567789392	3.834888289	0.282447671
TCGA-A2-A0EP-01A	BRCA	3.520842203	2.774441381	0.093369755

TCGA-CF-A9FF-01A	BLCA	4.224895786	2.750276843	0.52246959
TCGA-33-6738-01A	LUSC	2.593536581	4.146885842	0.031243533
TCGA-IN-A6RO-01A	STAD	4.079852806	4.856177488	0.148230581
TCGA-BP-4756-01A	KIRC2	4.25247994	1.298101517	0.813163658
TCGA-A8-A07R-01A	BRCA	3.868624003	4.309606064	0.057637594
TCGA-34-5236-01A	LUSC	3.090201751	3.267039239	0.583439768
TCGA-V4-A9EX-01A	UVM	4.180912864	2.290179994	0.05953401
TCGA-43-6771-01A	LUSC	2.298629447	2.321808207	0.003052285
TCGA-WZ-A7V4-01A	TGCT	4.583825058	4.600189123	0.270749445
TCGA-PC-A5DP-01A	SARC	3.201148323	5.286954461	0
TCGA-56-A5DR-01A	LUSC	4.40517979	4.096481461	1.114425849
TCGA-HC-8260-01A	PRAD	4.167134836	1.077668561	0.035571622
TCGA-77-8138-01A	LUSC	2.40627072	2.693207211	0.159665832
TCGA-AC-A2BM-01A	BRCA	3.801835483	4.623349888	0.044750841
TCGA-13-1501-01A	OV	3.806992284	4.253718276	0.049654429
TCGA-HZ-8003-01A	PAAD	2.470000061	1.643522524	0.032674496
TCGA-AA-3867-01A	COAD	2.852275296	3.838934476	0.079985937
TCGA-A8-A07S-01A	BRCA	2.800669193	3.084052383	0.126999025
TCGA-85-7698-01A	LUSC	3.773331992	3.259681321	0.269931869
TCGA-R5-A7ZE-01B	STAD	2.943257651	3.630172129	0.562884099
TCGA-CN-6021-01A	HNSC	1.368255805	2.463942178	0.066519204
TCGA-D1-A16Q-01A	UCEC	4.205429767	2.988756393	0.310491182
TCGA-C8-A1HL-01A	BRCA	3.378820694	3.036535889	0.186365025
TCGA-49-AAR3-01A	LUAD	4.753277952	4.103346574	0.344475805
TCGA-06-2557-01A	GBM	3.452670104	4.258300071	0.596837982
TCGA-27-2519-01A	GBM	3.064999102	3.580169585	0.034165191
TCGA-AA-A02R-01A	COAD	4.19399659	3.939200716	1.557732969
TCGA-Q9-A6FW-01A	ESCA	3.028909202	1.880172155	0.034655278
TCGA-GL-A59T-01A	KIRP	2.37700802	1.334526408	0
TCGA-UE-A6QT-01A	SARC	3.452176331	4.167472448	0.020249039
TCGA-BH-A0DK-01A	BRCA	2.454712768	3.300730845	0.07088567
TCGA-97-A4M6-01A	LUAD	3.700037144	2.47406037	0.047924014
TCGA-BQ-5885-01A	KIRP	3.362172876	1.271220203	0.031979015
TCGA-CM-6163-01A	COAD	3.430595116	4.015984672	0.460710437
TCGA-A8-A08H-01A	BRCA	2.964890619	2.521073296	0
TCGA-E1-A7YI-01A	LGG	5.424273674	4.474850848	0
TCGA-AZ-5403-01A	COAD	3.654079492	3.295296897	0.141263224
TCGA-06-0138-01A	GBM	4.850507808	3.334359816	0.263273957
TCGA-HU-8238-01A	STAD	2.649161227	3.152018301	0.658695388
TCGA-B5-A11J-01A	UCEC	3.423335737	2.975827779	0.322385317
TCGA-BF-AAP6-01A	SKCM	4.14759903	4.337728974	0.28031518
TCGA-EM-A3FR-01A	THCA	3.362662098	1.022903947	0
TCGA-Z6-AAPN-01A	ESCA	4.338664301	2.913348789	0.13076839
TCGA-B9-4116-01A	KIRP	4.421279732	2.546755723	0.118364919

TCGA-S9-A6TV-01A LGG 4.483834452 1.868984514 0.008803855