

Supplementary Table 1 The summarized gene information for the phylogenetic classification of CsYABBYs

Name	Species	Gene ID
<i>CsYABBY1</i>	<i>Cannabis sativa</i>	Cs_C05H1G183830
<i>CsYABBY2</i>	<i>Cannabis sativa</i>	Cs_C07H1G284650
<i>CsYABBY3</i>	<i>Cannabis sativa</i>	Cs_C01H1G013660
<i>CsYABBY4</i>	<i>Cannabis sativa</i>	Cs_C09H1G358710
<i>CsYABBY5</i>	<i>Cannabis sativa</i>	Cs_C02H1G050890
<i>AtYAB1</i>	<i>Arabidopsis thaliana</i>	At2g45190
<i>AtYAB2</i>	<i>Arabidopsis thaliana</i>	At1g08465
<i>AtYAB3</i>	<i>Arabidopsis thaliana</i>	At4g00180
<i>AtYAB5</i>	<i>Arabidopsis thaliana</i>	At2g26580
<i>AtCRC</i>	<i>Arabidopsis thaliana</i>	At1g69180
<i>AtINO</i>	<i>Arabidopsis thaliana</i>	At1g23420
<i>OsYAB5</i>	<i>Oryza sativa</i>	Os04g0536300
<i>OsYAB1</i>	<i>Oryza sativa</i>	Os07g0160100
<i>OsYAB3</i>	<i>Oryza sativa</i>	Os10g0508300
<i>OsYAB4</i>	<i>Oryza sativa</i>	Os02g0643200
<i>CmDRP</i>	<i>Chrysanthemum morifolium</i>	UYL81895.1
LOC_Os04g45330	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os04g45330
LOC_Os07g38410	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os07g38410
LOC_Os07g06620	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os07g06620
LOC_Os03g44710	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os03g44710
LOC_Os03g11600	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os03g11600
LOC_Os02g42950	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os02g42950
LOC_Os12g42610	<i>Oryza sativa</i> 'Japonica Group'	LOC_Os12g42610
DCAR_031517	<i>Daucus carota</i>	DCAR_031517
DCAR_027801	<i>Daucus carota</i>	DCAR_027801
DCAR_026683	<i>Daucus carota</i>	DCAR_026683
DCAR_008464	<i>Daucus carota</i>	DCAR_008464
DCAR_007074	<i>Daucus carota</i>	DCAR_007074
DCAR_004921	<i>Daucus carota</i>	DCAR_004921
DCAR_008543	<i>Daucus carota</i>	DCAR_008543
DCAR_006190	<i>Daucus carota</i>	DCAR_006190
DCAR_012254	<i>Daucus carota</i>	DCAR_012254
DCAR_030050	<i>Daucus carota</i>	DCAR_030050
DCAR_014892	<i>Daucus carota</i>	DCAR_014892
Lsat_1_v5_gn_7_9041	<i>Lactuca sativa</i>	Lsat_1_v5_gn_7_9041
Lsat_1_v5_gn_7_43360	<i>Lactuca sativa</i>	Lsat_1_v5_gn_7_43360
Lsat_1_v5_gn_3_128981	<i>Lactuca sativa</i>	Lsat_1_v5_gn_3_128981
Lsat_1_v5_gn_3_53601	<i>Lactuca sativa</i>	Lsat_1_v5_gn_3_53601
Lsat_1_v5_gn_3_3040	<i>Lactuca sativa</i>	Lsat_1_v5_gn_3_3040
Lsat_1_v5_gn_0_27800	<i>Lactuca sativa</i>	Lsat_1_v5_gn_0_27800
Lsat_1_v5_gn_6_2400	<i>Lactuca sativa</i>	Lsat_1_v5_gn_6_2400
Lsat_1_v5_gn_8_58340	<i>Lactuca sativa</i>	Lsat_1_v5_gn_8_58340
Lsat_1_v5_gn_5_94941	<i>Lactuca sativa</i>	Lsat_1_v5_gn_5_94941
HanXRQChr10g0315651	<i>Smallanthus sonchifolius</i>	HanXRQChr10g0315651
HanXRQChr04g0122691	<i>Smallanthus sonchifolius</i>	HanXRQChr04g0122691
HanXRQChr05g0139121	<i>Smallanthus sonchifolius</i>	HanXRQChr05g0139121
HanXRQChr13g0423101	<i>Smallanthus sonchifolius</i>	HanXRQChr13g0423101
HanXRQChr13g0395021	<i>Smallanthus sonchifolius</i>	HanXRQChr13g0395021
HanXRQChr12g0375091	<i>Smallanthus sonchifolius</i>	HanXRQChr12g0375091
HanXRQChr12g0356171	<i>Smallanthus sonchifolius</i>	HanXRQChr12g0356171
HanXRQChr14g0446751	<i>Smallanthus sonchifolius</i>	HanXRQChr14g0446751
HanXRQChr17g0549371	<i>Smallanthus sonchifolius</i>	HanXRQChr17g0549371

HanXRQChr17g0539491	<i>Smallanthus sonchifolius</i>	HanXRQChr17g0539491
HanXRQChr06g0164191	<i>Smallanthus sonchifolius</i>	HanXRQChr06g0164191
HanXRQChr06g0169631	<i>Smallanthus sonchifolius</i>	HanXRQChr06g0169631
HanXRQChr03g0067451	<i>Smallanthus sonchifolius</i>	HanXRQChr03g0067451
HanXRQChr15g0476711	<i>Smallanthus sonchifolius</i>	HanXRQChr15g0476711
Glyma.04G094800	<i>Glycine max</i>	Glyma.04G094800
Glyma.17G138200	<i>Glycine max</i>	Glyma.17G138200
Glyma.17G113400	<i>Glycine max</i>	Glyma.17G113400
Glyma.02G121100	<i>Glycine max</i>	Glyma.02G121100
Glyma.12G096000	<i>Glycine max</i>	Glyma.12G096000
Glyma.12G190500	<i>Glycine max</i>	Glyma.12G190500
Glyma.08G285200	<i>Glycine max</i>	Glyma.08G285200
Glyma.01G063500	<i>Glycine max</i>	Glyma.01G063500
Glyma.01G029300	<i>Glycine max</i>	Glyma.01G029300
Glyma.01G137200	<i>Glycine max</i>	Glyma.01G137200
Glyma.13G157800	<i>Glycine max</i>	Glyma.13G157800
Glyma.13G311200	<i>Glycine max</i>	Glyma.13G311200
Glyma.05G056000	<i>Glycine max</i>	Glyma.05G056000
Glyma.06G308900	<i>Glycine max</i>	Glyma.06G308900
Glyma.06G096500	<i>Glycine max</i>	Glyma.06G096500
Glyma.03G029800	<i>Glycine max</i>	Glyma.03G029800
Glyma.18G140400	<i>Glycine max</i>	Glyma.18G140400
ZmB84.05G082000	<i>Zea mays</i>	ZmB84.05G082000
ZmB84.05G299400	<i>Zea mays</i>	ZmB84.05G299400
ZmB84.05G066800	<i>Zea mays</i>	ZmB84.05G066800
ZmB84.07G213600	<i>Zea mays</i>	ZmB84.07G213600
ZmB84.07G019400	<i>Zea mays</i>	ZmB84.07G019400
ZmB84.01G069900	<i>Zea mays</i>	ZmB84.01G069900
ZmB84.01G346000	<i>Zea mays</i>	ZmB84.01G346000
ZmB84.01G416700	<i>Zea mays</i>	ZmB84.01G416700
ZmB84.01G253400	<i>Zea mays</i>	ZmB84.01G253400
ZmB84.03G128700	<i>Zea mays</i>	ZmB84.03G128700
ZmB84.09G220900	<i>Zea mays</i>	ZmB84.09G220900
ZmB84.10G186500	<i>Zea mays</i>	ZmB84.10G186500
ZmB84.02G082700	<i>Zea mays</i>	ZmB84.02G082700
Solyc07g008180	<i>Solanum lycopersicum</i>	Solyc07g008180
Solyc05g005240	<i>Solanum lycopersicum</i>	Solyc05g005240
Solyc05g012050	<i>Solanum lycopersicum</i>	Solyc05g012050
Solyc11g071810	<i>Solanum lycopersicum</i>	Solyc11g071810
Solyc08g079100	<i>Solanum lycopersicum</i>	Solyc08g079100
Solyc06g073920	<i>Solanum lycopersicum</i>	Solyc06g073920
Solyc01g091010	<i>Solanum lycopersicum</i>	Solyc01g091010
Solyc01g010240	<i>Solanum lycopersicum</i>	Solyc01g010240
Solyc12g009580	<i>Solanum lycopersicum</i>	Solyc12g009580
