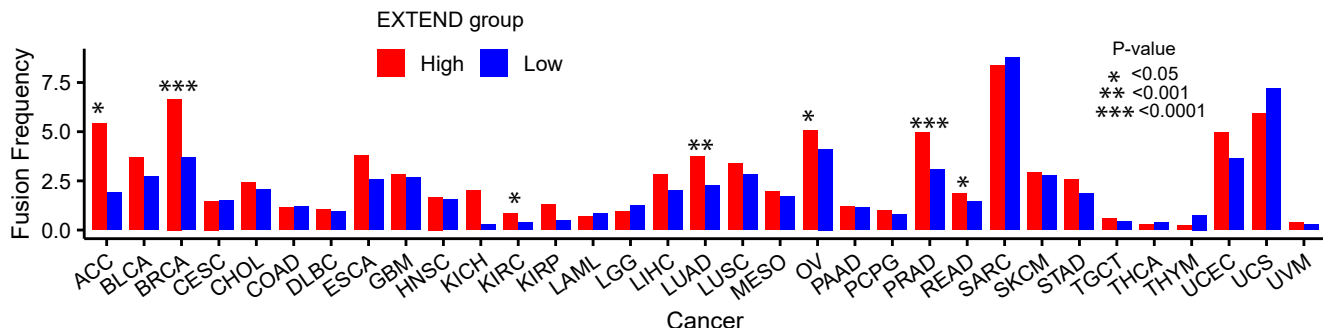
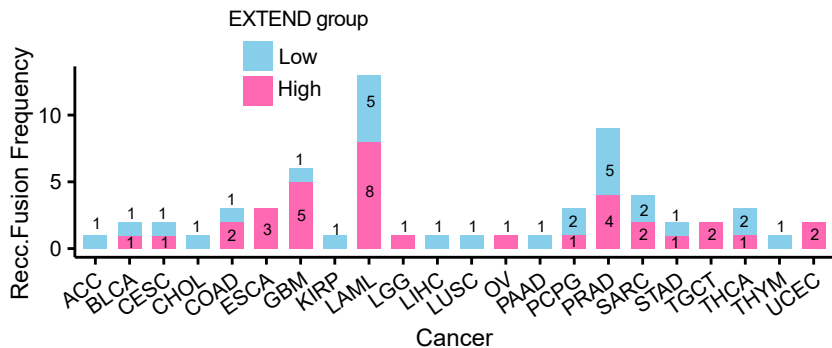


**a****b**

**Supplementary Fig.5. Differential gene fusion frequencies across telomerase activity groups.** (a) Comparison of gene fusion frequencies (y-axis) between low (blue) and high (red) telomerase activity (EXTEND) groups across TCGA pan-cancer data (x-axis). Significant cases (Student's *t*-test ;  $P < 0.05$ ) are indicated with asterisk(\*). (b) Recurrent fusion frequencies (y-axis) in low (blue) and high (pink) telomerase activity groups across the pan-cancer cohort. Numbers on each bar indicate the total number of gene pairs for each case. Only fusions present in more than 1% of cases per cancer type (x-axis) were included in the analysis. Source data are available in the GitHub repository.