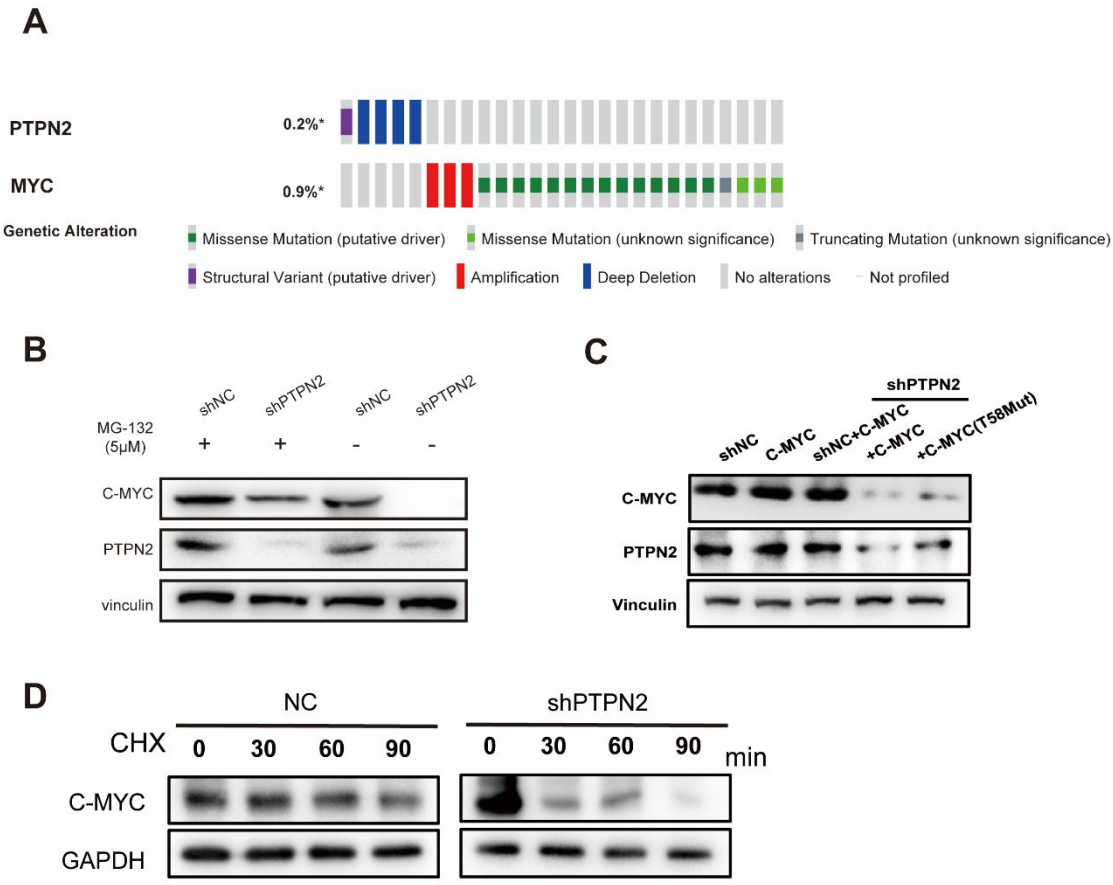


Supplementary Figure 3. Analysis of potential PTPN2 target proteins and the effects of phosphoserine on MYC protein expression. (A) Genetic alteration of PTPN2 and MYC in the indicated cohorts from TCGA datasets (B) c-MYC protein levels in MOLM13 shNC and shPTPN2 cells in the absence or presence of proteasome inhibitor MG132 determined by western blot (C) c-MYC Protein level in MOLM13 shNC and shPTPN2 with over-expression c-MYC and over-expression c-MYC T58 mutation cells determined by western blot (D) time-course cycloheximide (CHX) chase assay in Molm13 cells.