



Figure S1 Western blot analysis of RBM14 overexpression or knockdown. We performed protein-level detection in U2 and MG63 cells by either overexpressing or knocking down RBM14. The Western blot (WB) method was employed, with GAPDH protein serving as the internal reference control. The following are the results under each experimental condition. (A,B) In U2OS cells, we observed the overexpression of RBM14 protein (band A) and detected GAPDH protein as an internal loading control in the same sample (band B). (C,D) In MG63 cells, we observed the expression of RBM14 protein (band C) and detected GAPDH protein as an internal loading control in the same sample (band D). (E,F) In U2OS cells, we observed the knockdown of RBM14 protein (band E) and detected GAPDH protein as an internal loading control in the same sample (band F). (G,H) In MG63 cells, we observed the knockdown of RBM14 protein (band G) and detected GAPDH protein as an internal loading control in the same sample (band H). RBM14, RNA binding motif protein 14; OS, osteosarcoma; GAPDH, glyceraldehyde 3-phosphate dehydrogenase.