



Figure S2. DUSP knockdown in MPNST cells. **A-C**, Immunoblot showing total levels ERK, JNK, c-jun and p38 in MPNST cell line ST8814 after shNT or with DUSP1 or 6 knockdown, or their combination. **D**, shDUSP1 or shDUSP6 in MPNST cell line S462.TY reduces cell proliferation alone and in combination with sh2-DUSP1 and sh2-DUSP6. (****) represents $P < 0.0001$, $n = 5$. **E**, S462.TY MPNST cells infected with indicated shRNA were starved overnight in media without serum. Cells were then stimulated with DMEM and 10% FBS for 15 minutes (min). Immunoblots were analyzed for DUSP1, DUSP6, p-JNK, p-c-jun and p-ERK and their totals with β -actin as a loading control.