Figure 1 - figure supplement 2

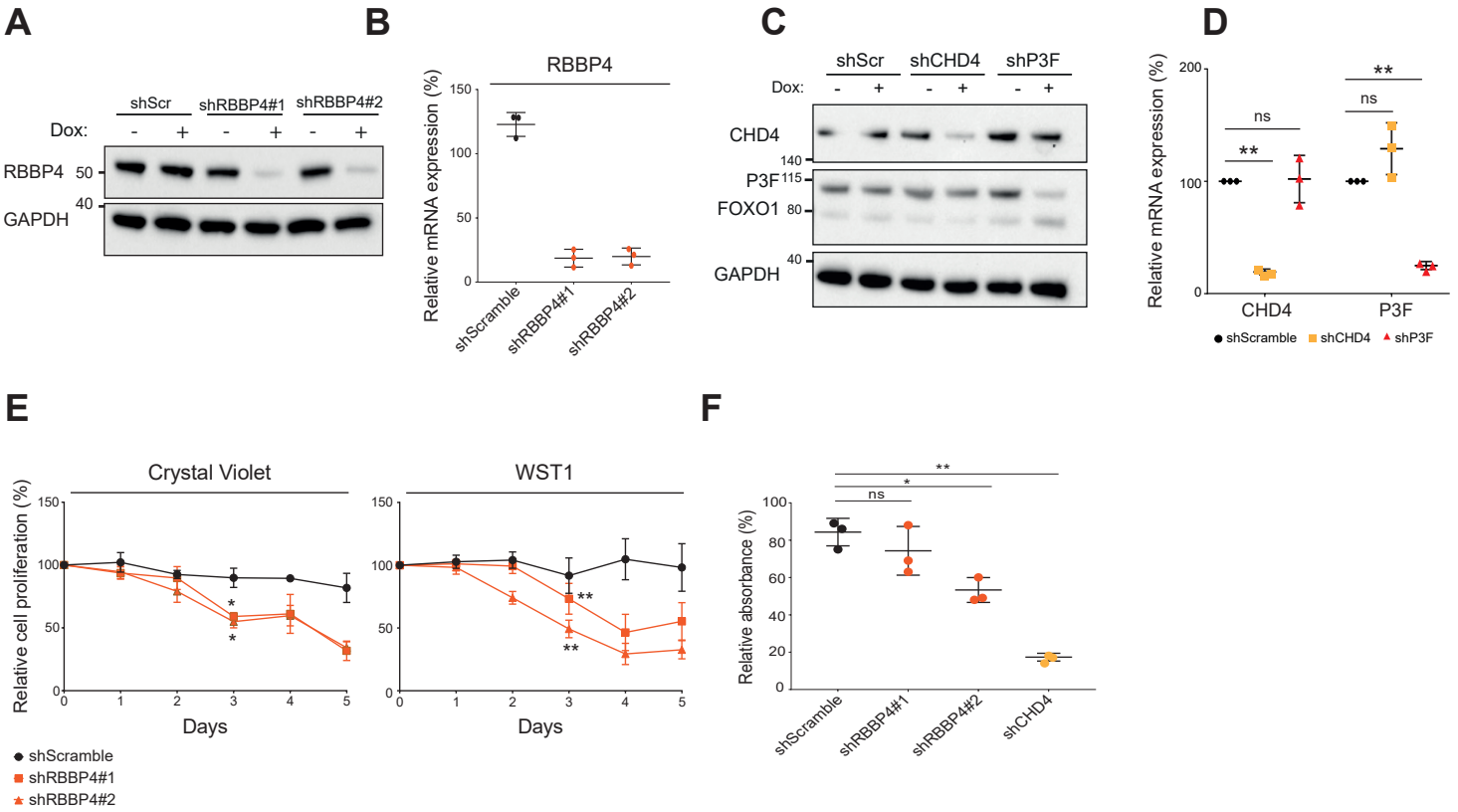

Figure 1 - figure supplement 2 RBBP4 silencing reduces FP-RMS cell proliferation. **A** Immunoblot confirms the knockdown of RBBP4 by two shRNAs after 72hrs of shRNA expression induction by doxycycline (Dox). RH4 cells expressing a scramble shRNA (shScr) served as negative control and GAPDH as loading control. **B** RBBP4 expression levels (relative to GAPDH) quantified by qPCR in the same cells described in (**A**). Data was normalized to uninduced cells and is represented as mean ± SD (n=3). **C** Immunoblot confirms silencing of CHD4 and P3F after 48hrs of shRNA expression induction by doxycycline (Dox) in RH4 cells. GAPDH was used as a loading control and a scramble shRNA (shScr) served as negative control. **D** mRNA expression levels (relative to GAPDH), of the samples described in (**C**), quantified by qPCR and normalized to uninduced cells. Data is represented as mean ± SD (n=3, * p< 0.1, **p < 0.01; ***p < 0.001, ratio paired t test). **E** RH4 cell proliferation measured by crystal violet and WST1 assay at the indicated time points after silencing of RBBP4. Data was normalized to uninduced cells and is represented as mean ± SD (n=3; * p< 0.1, **p < 0.01, ***p < 0.001, ratio paired t test). **F** Cell proliferation measured by BrdU incorporation after 72hrs of RBBP4 or CHD4 knockdown. Data is represented as percentage of absorbance at 450nm normalized to uninduced control (n=3; * p<0.1, **p < 0.01, ***p < 0.001, ratio paired t test).