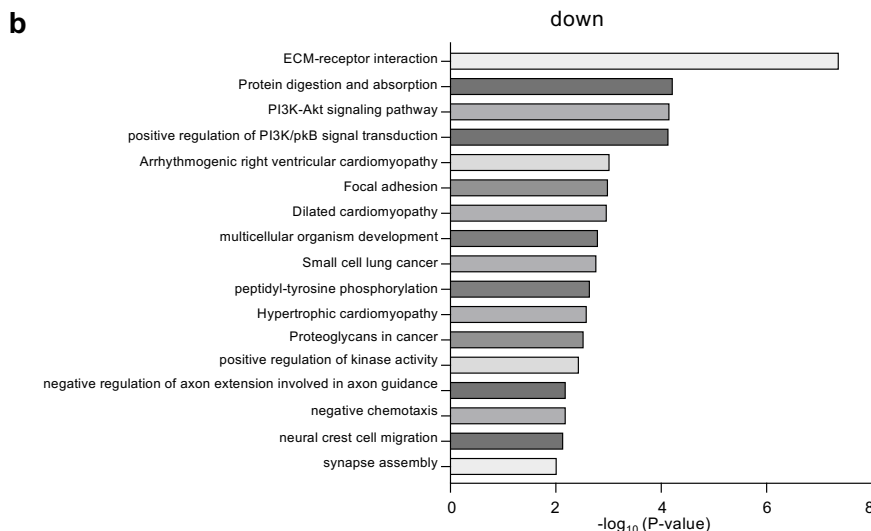
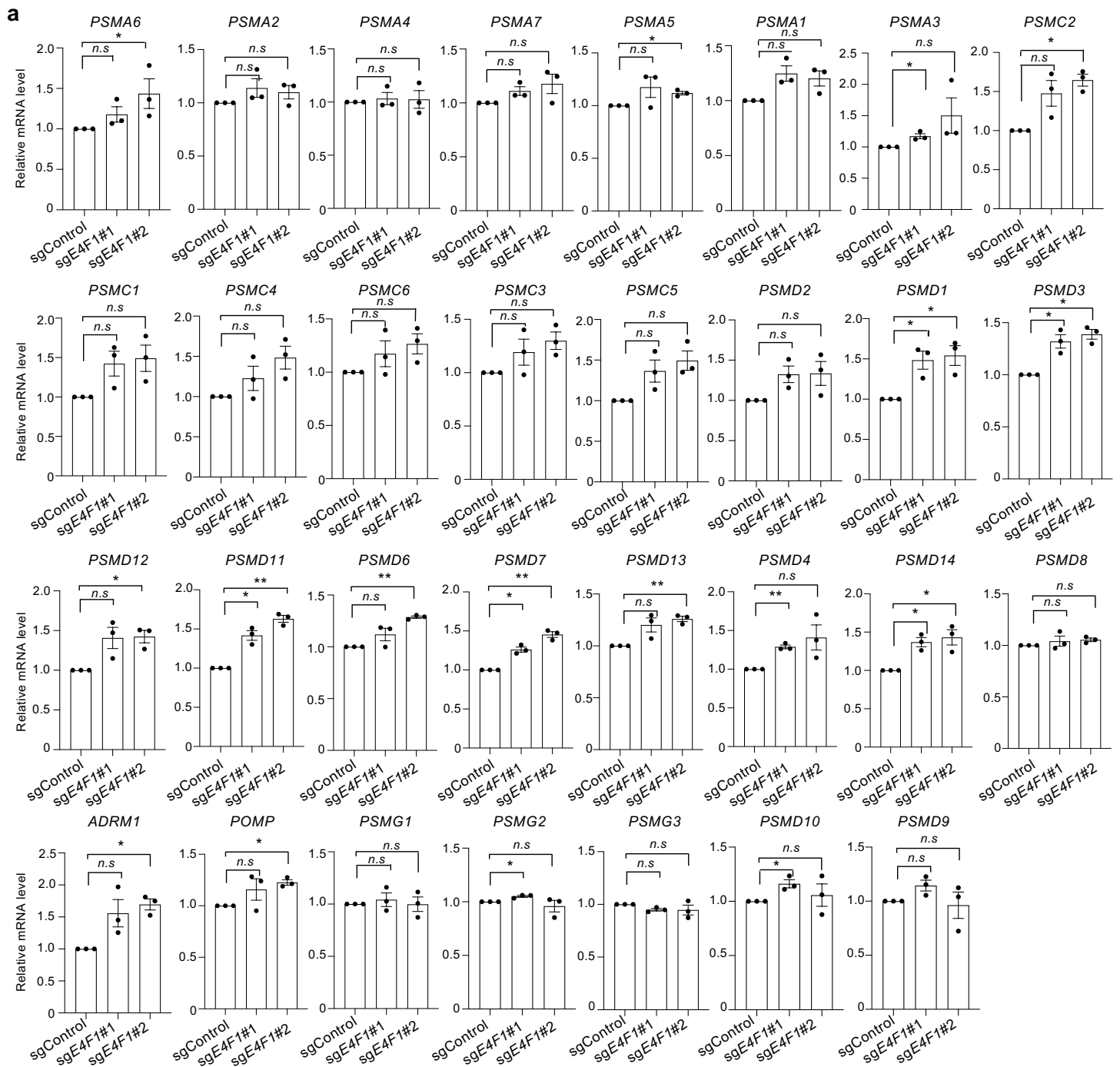




Supplementary Fig. 3 E4F1 depletion selectively reduces *PSMB6* expression without affecting α or regulatory-particle subunit genes

a RT-qPCR analysis of proteasome α subunit genes, regulatory-particle subunit genes, and proteasome assembly chaperones in HEK293T cells transduced with the indicated sgRNAs. The analysis was performed in parallel with that shown in Fig. 3a. **b** Gene Ontology biological process analysis of genes downregulated following *E4F1* knockout (fold change < 0.7 and $P < 0.005$) shown in Fig. 3c. Data represent mean $\pm$ s.e.m. ($n = 3$ biologically independent experiments). Statistical significance was determined using an unpaired two-tailed Student's *t*-test with Welch's correction (**a**) or modified Fisher's exact test and adjusted using the Bonferroni and Benjamini-Hochberg false discovery rate (FDR) methods (**b**). * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$; **** $P < 0.0001$; n.s., not significant. All experiments were performed at least three biologically independent times with similar results. Source data are provided as a Source Data file.