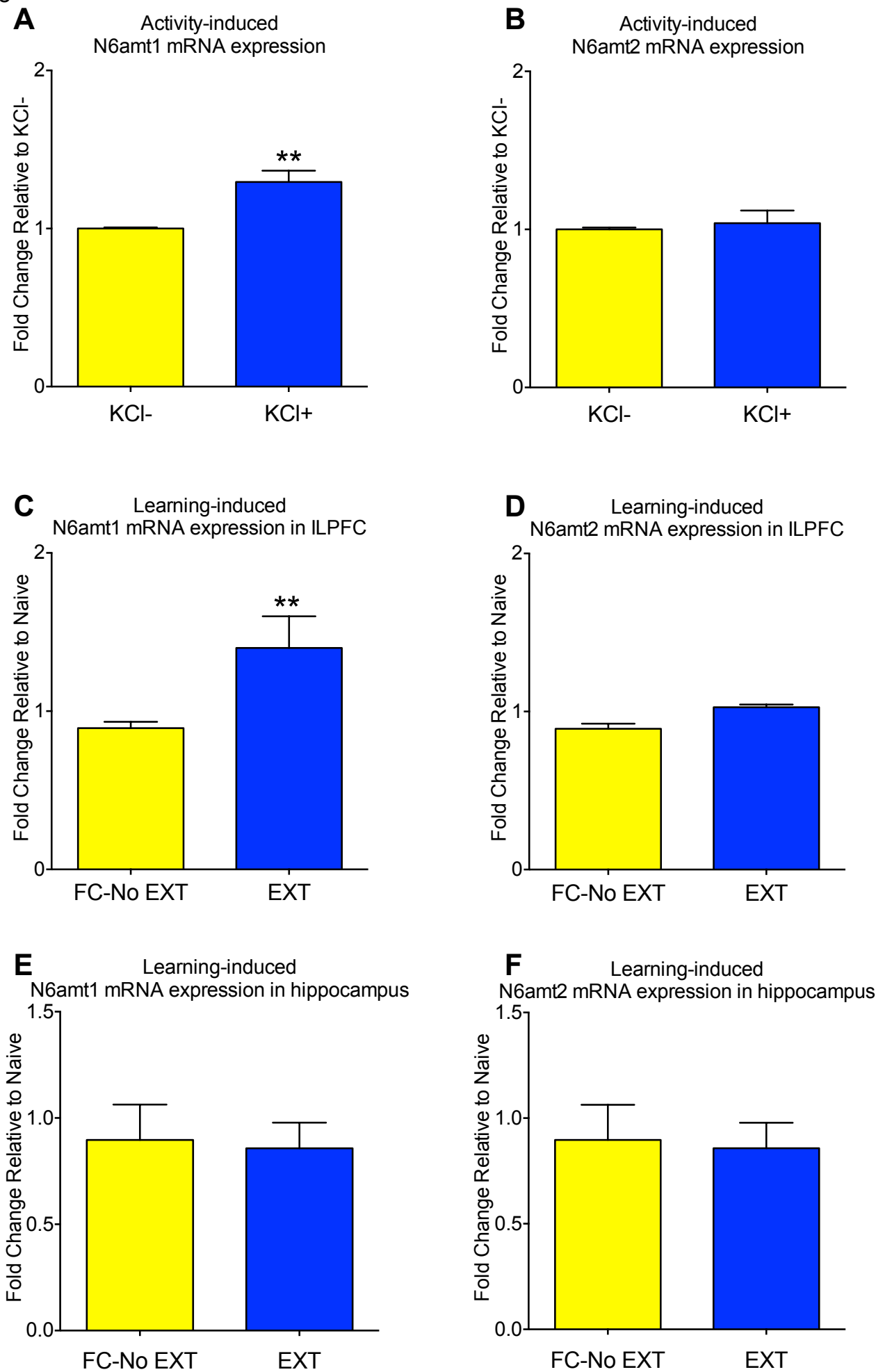
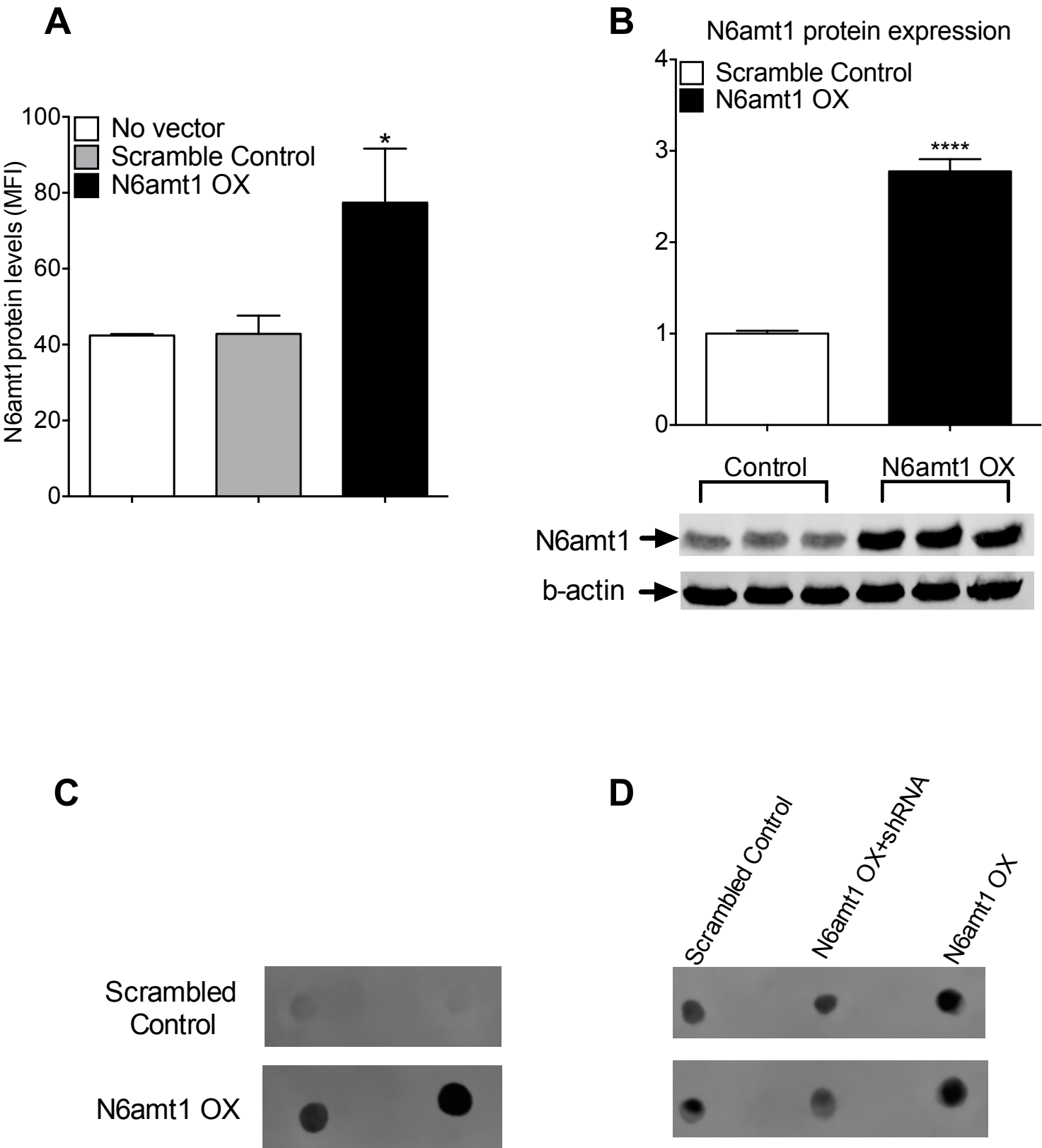
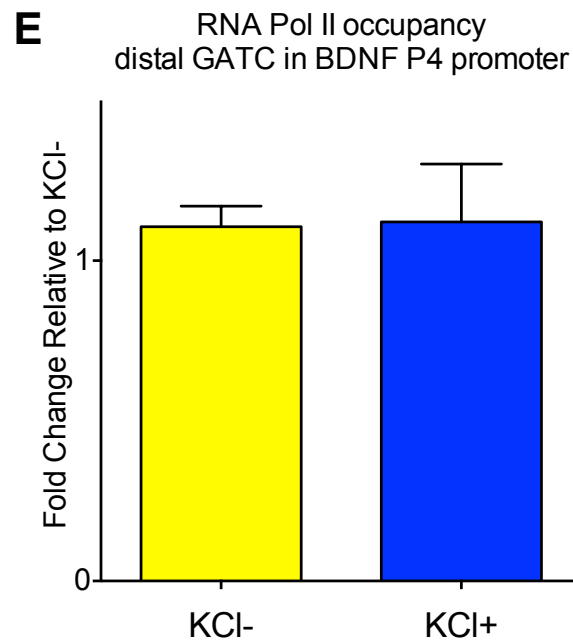
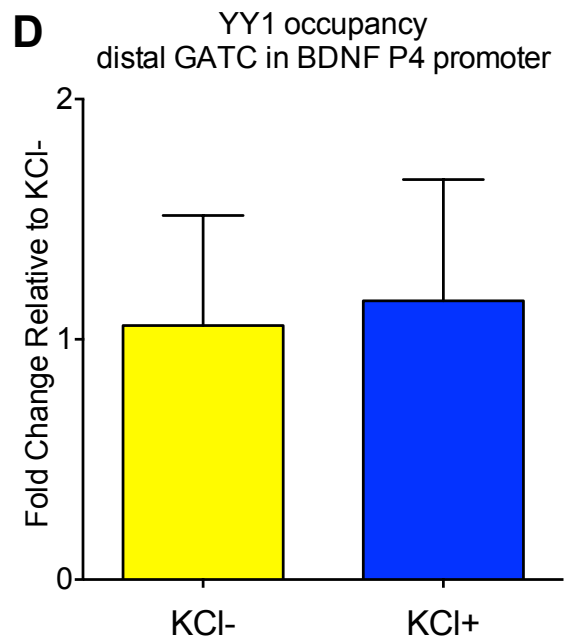
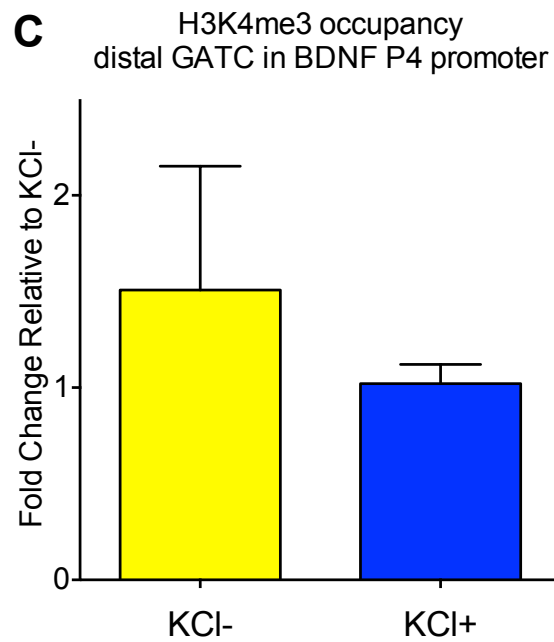
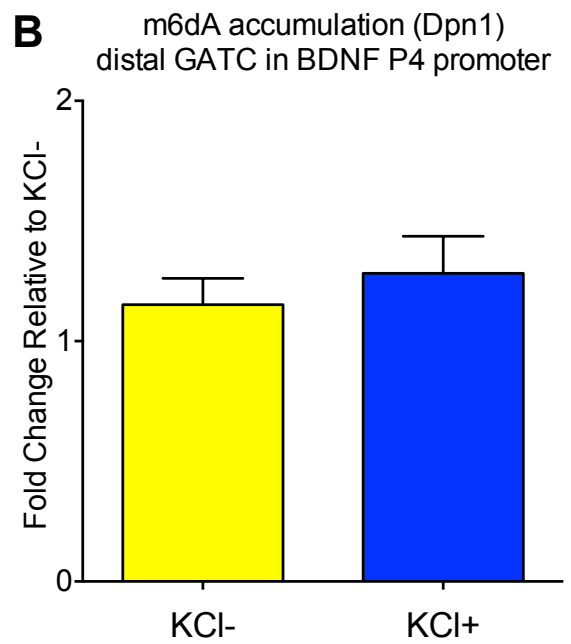
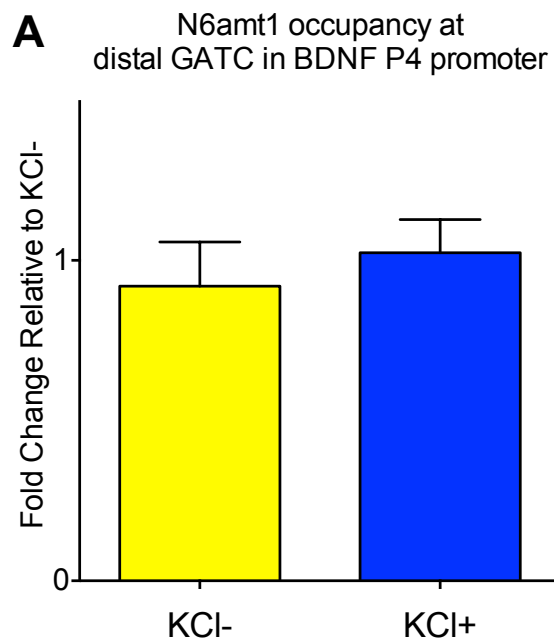


Suppl. Fig. 1



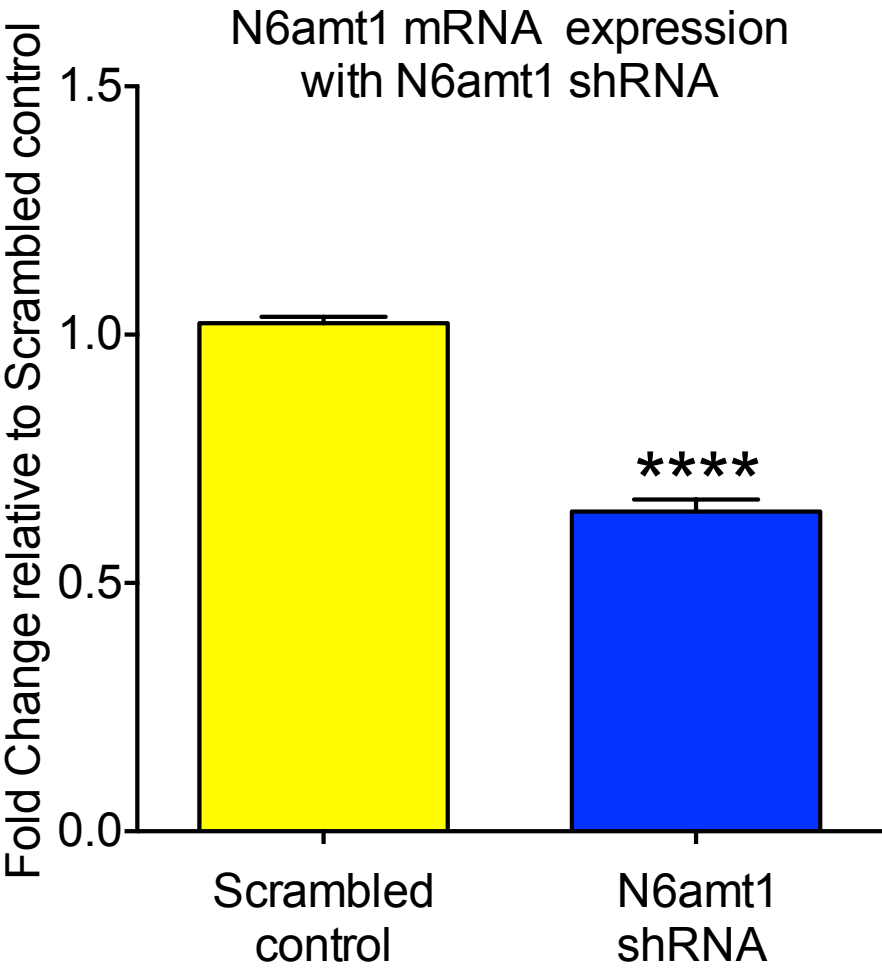
Suppl. Fig. 2



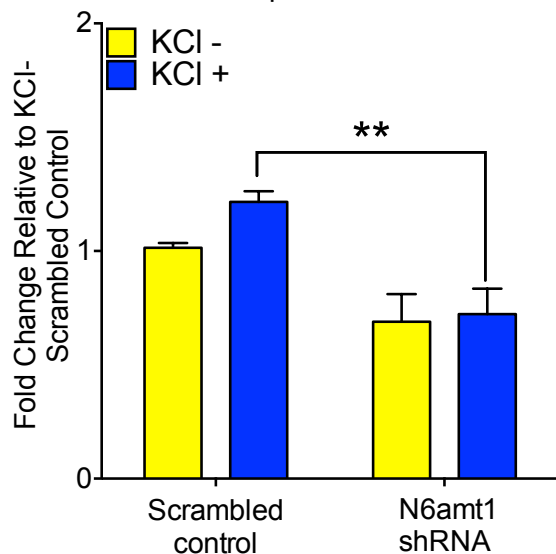


Suppl. Fig. 3

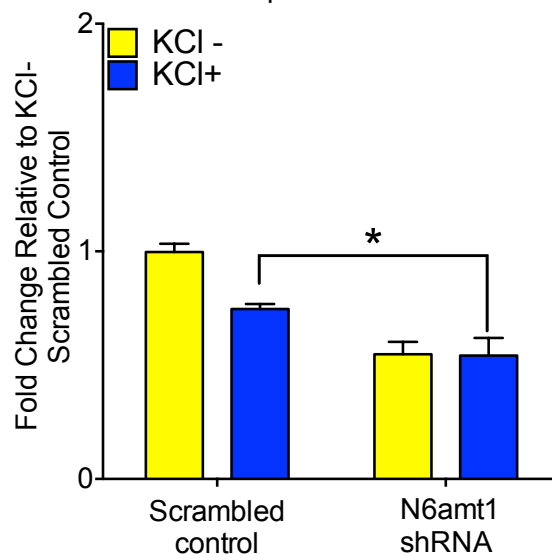
Suppl. Fig. 4



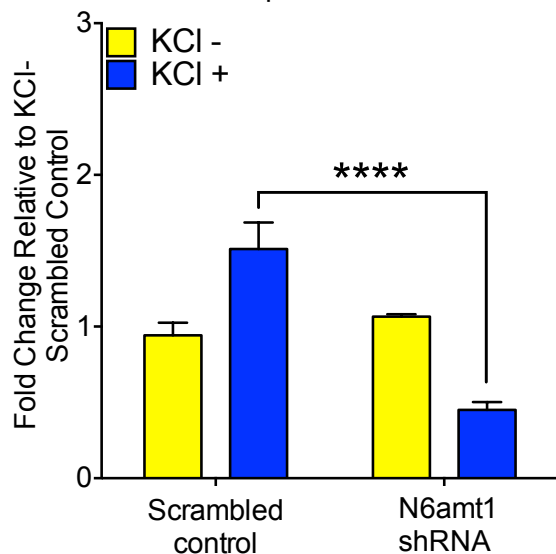
A Activity-induced N6amt1 occupancy at GATC in BDNF P4 promoter with N6amt1shRNA



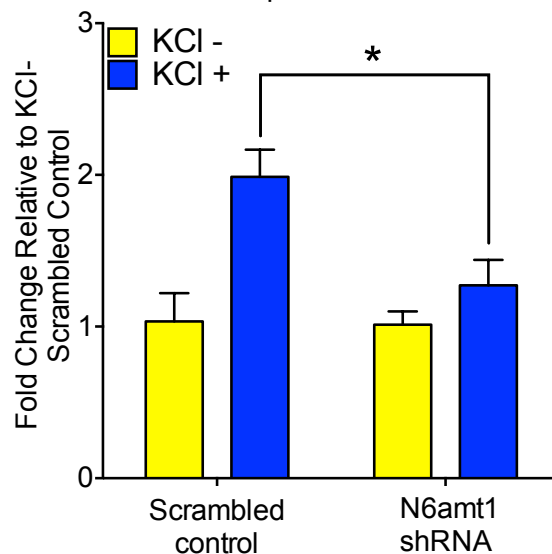
B Activity-induced m6dA accumulation (Dpn1) at GATC in BDNF P4 promoter with N6amt1 shRNA



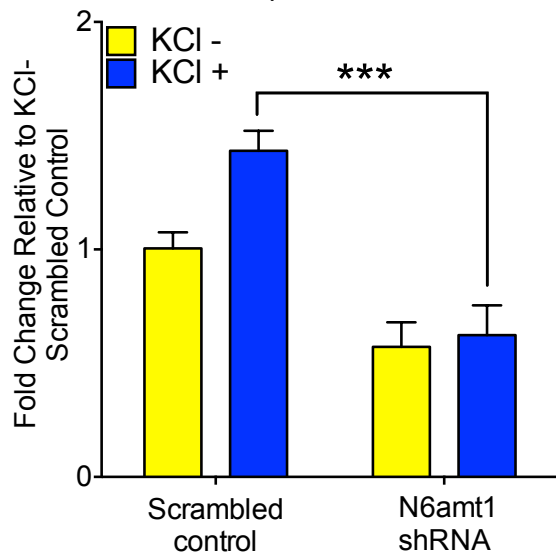
C Activity-induced H3K4me3 occupancy at GATC in BDNF P4 promoter with N6amt1 shRNA



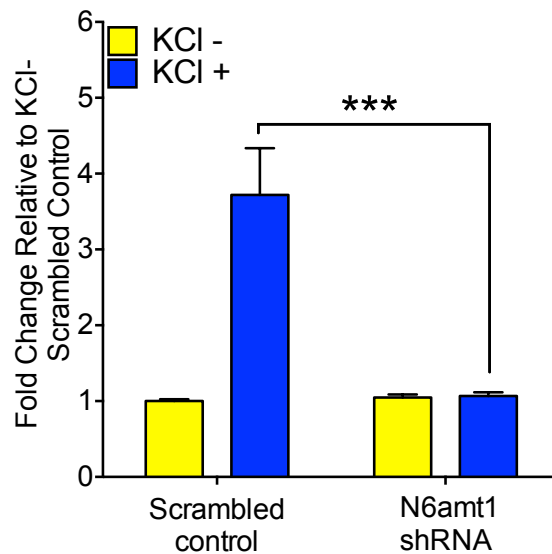
D Activity-induced YY1 occupancy at GATC in BDNF P4 promoter with N6amt1 shRNA



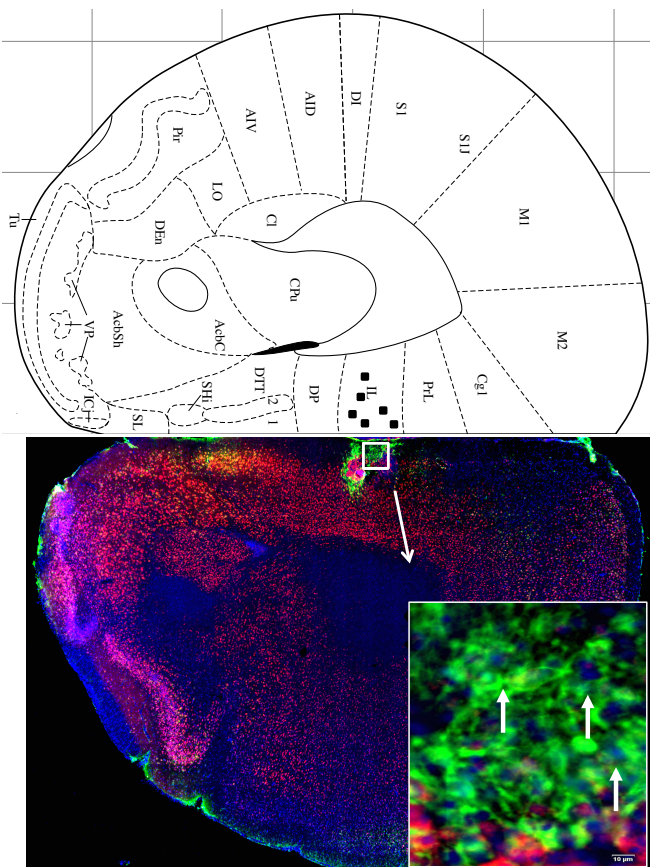
E Activity-induced RNA Pol II occupancy at GATC in BDNF P4 promoter with N6amt1shRNA



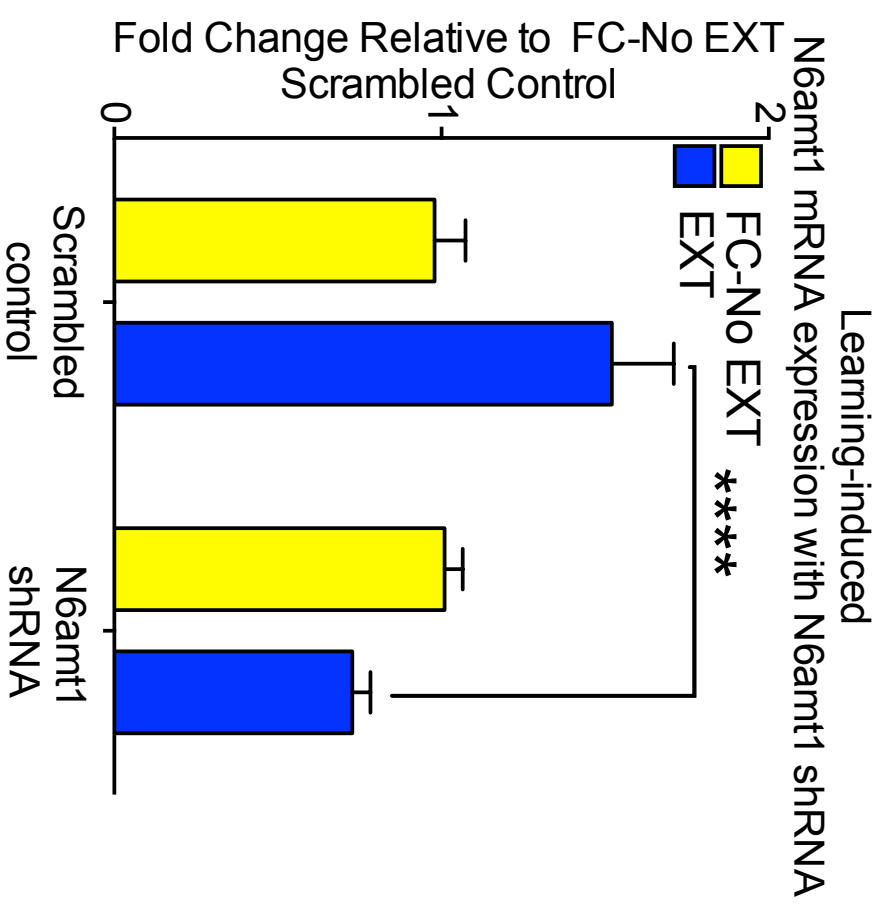
F Activity-induced BDNF exon IV mRNA expression with N6amt1shRNA



A



B



Suppl. Fig. 7

