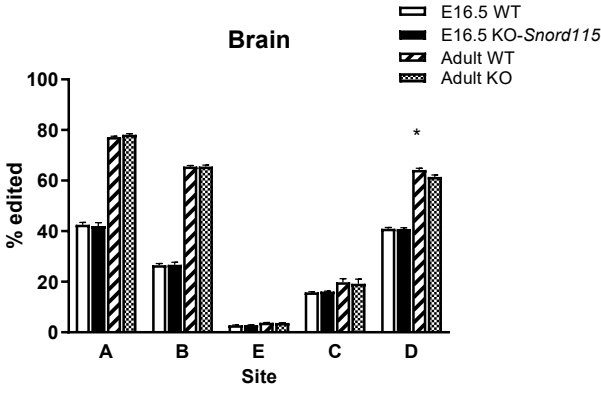
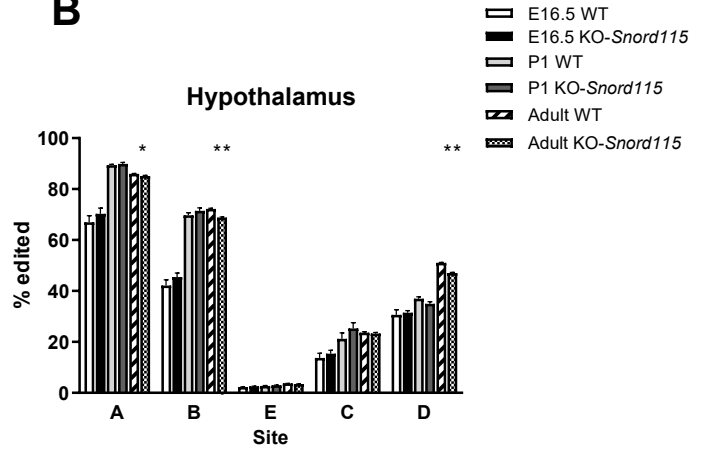
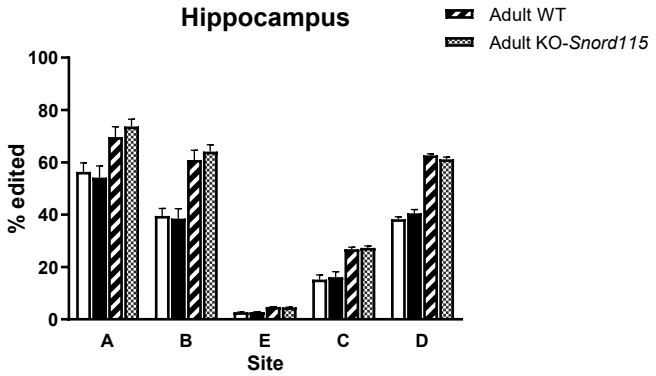
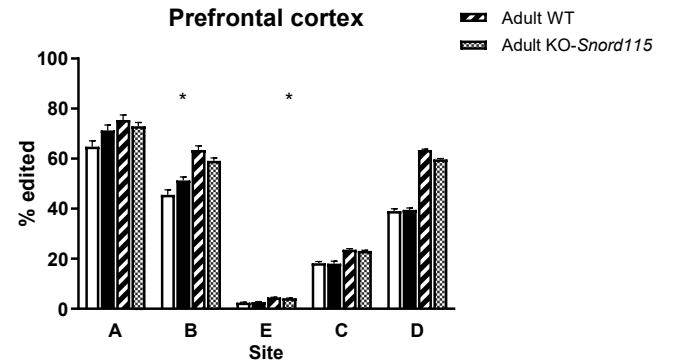
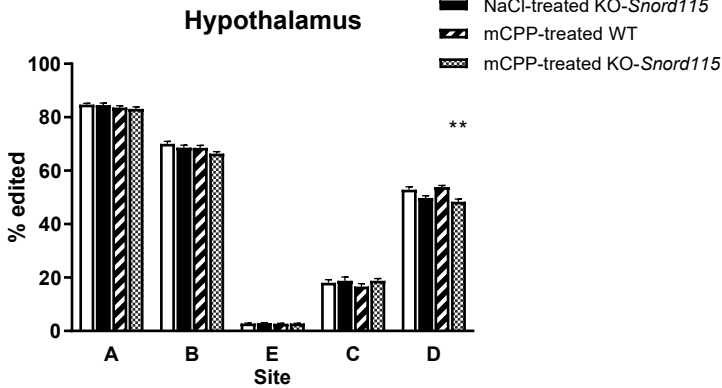
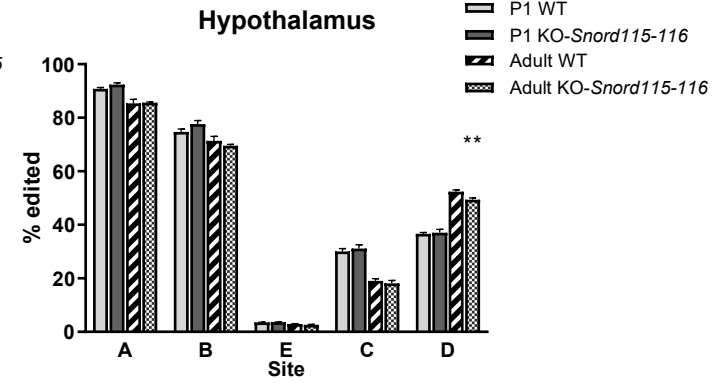


A**B****C****D**

RNA isoforms (amino acids)	Editing sites	Abundance (% in WT)	Fold-change (KO/WT)	p-value	Brain structures
GGAAG (VNV)	ABD	17.86	1.167	0.03044	E16.5 embryonic cortex
GGGAG (VDV)	ABED	0.4704	1.78	0.02194	E16.5 embryonic cortex
AGGAA (MDI)	BE	0.03237	1.174	0.04797	E16.5 embryonic cortex
AAAAA (INI)	nonedited	23.01	0.8434	0.02145	E16.5 embryonic cortex

E**F**

RNA isoforms (amino acids)	Editing sites	Abundance (% in WT)	Fold-change (KO/WT)	p-value	Brain structures
GAAAA (VNI)	A	10.41	1.15	0.002292	Hypothalamus (mCPP-treated)
GGAGG (VSV)	ABCD	9.987	0.8686	0.01938	Hypothalamus (mCPP-treated)
GGAAG (VNV)	ABD	33.4	0.8878	0.0007347	Hypothalamus (mCPP-treated)
GGGAG (VDV)	ABED	0.8969	0.8454	0.01213	Hypothalamus (mCPP-treated)
GAAGA (VSI)	AC	1.158	1.226	0.01251	Hypothalamus (mCPP-treated)
AAAGA (ISI)	C	0.8562	1.214	0.009849	Hypothalamus (mCPP-treated)
GAGGA (VGI)	AEC	0.22581	0.7728	0.003318	Hypothalamus (mCPP-treated)
AGAGA (MSI)	BC	0.02579	2.17	0.03513	Hypothalamus (NaCl-treated)
AGGAG (MDV)	BED	0.01485	0.5301	0.02148	Hypothalamus (NaCl-treated)
AAAGA (ISI)	C	0.7209	1.387	0.003732	Hypothalamus (NaCl-treated)

RNA isoforms (amino acids)	Editing sites	Abundance (% in WT)	Fold-change (KO/WT)	p-value	Brain structures
GAAAA (VNI)	A	9.523	1.218	0.0008377	Hypothalamus (KO116/115)
GGAAG (VNV)	ABD	33.31	0.9414	0.02804	Hypothalamus (KO116/115)
GGGGG (VGV)	ABECD	0.2064	0.8696	0.03686	Hypothalamus (KO116/115)
GAAAG (VNV)	AD	3.15	1.081	0.02528	Hypothalamus (KO116/115)
GAGGA (VGI)	AEC	0.2555	0.7705	0.04724	Hypothalamus (KO116/115)
GAGGG (VGV)	AECD	0.08634	0.7894	0.03416	Hypothalamus (KO116/115)
AGAAA (MNI)	B	0.6889	1.194	0.01163	Hypothalamus (KO116/115)
AAAGA (ISI)	C	0.6924	1.36	0.01547	Hypothalamus (KO116/115)
GGGGG (VGV)	ABECD	0.2646	1.494	0.03725	Hypothalamus P1 (KO116/115)
GAAAG (VNV)	AD	1.486	0.7761	0.04812	Hypothalamus P1 (KO116/115)
GGAAA (VNI)	AB	24.86	1.083	0.03069	Hypothalamus P1 (KO116/115)