

**Figure S1. ProSAAS, proSAAS-derived peptides, and the distribution of proSAAS mRNA in mouse brain.** A: Schematic diagram showing the major proSAAS-derived peptides previously detected in various brain regions and other relevant peptides. The relative size and position of these peptides within proSAAS are indicated. Major peptides include big SAAS (ARPVKEPRSLSAASAPLVETSTPLRL), little SAAS (SLSAASAPLVETSTPLRL), KEP (ARPVKEPR), GAV (AVPRGEAAGAVQELARALAHLEAERQE), PEN

