

Supplementary Data

Antibodies against Extracellular Domains of alpha4 and alpha7 Subunits Alter the Levels of Nicotinic Receptors in the Mouse Brain and Affect Memory: Possible Relevance to Alzheimer's Pathology

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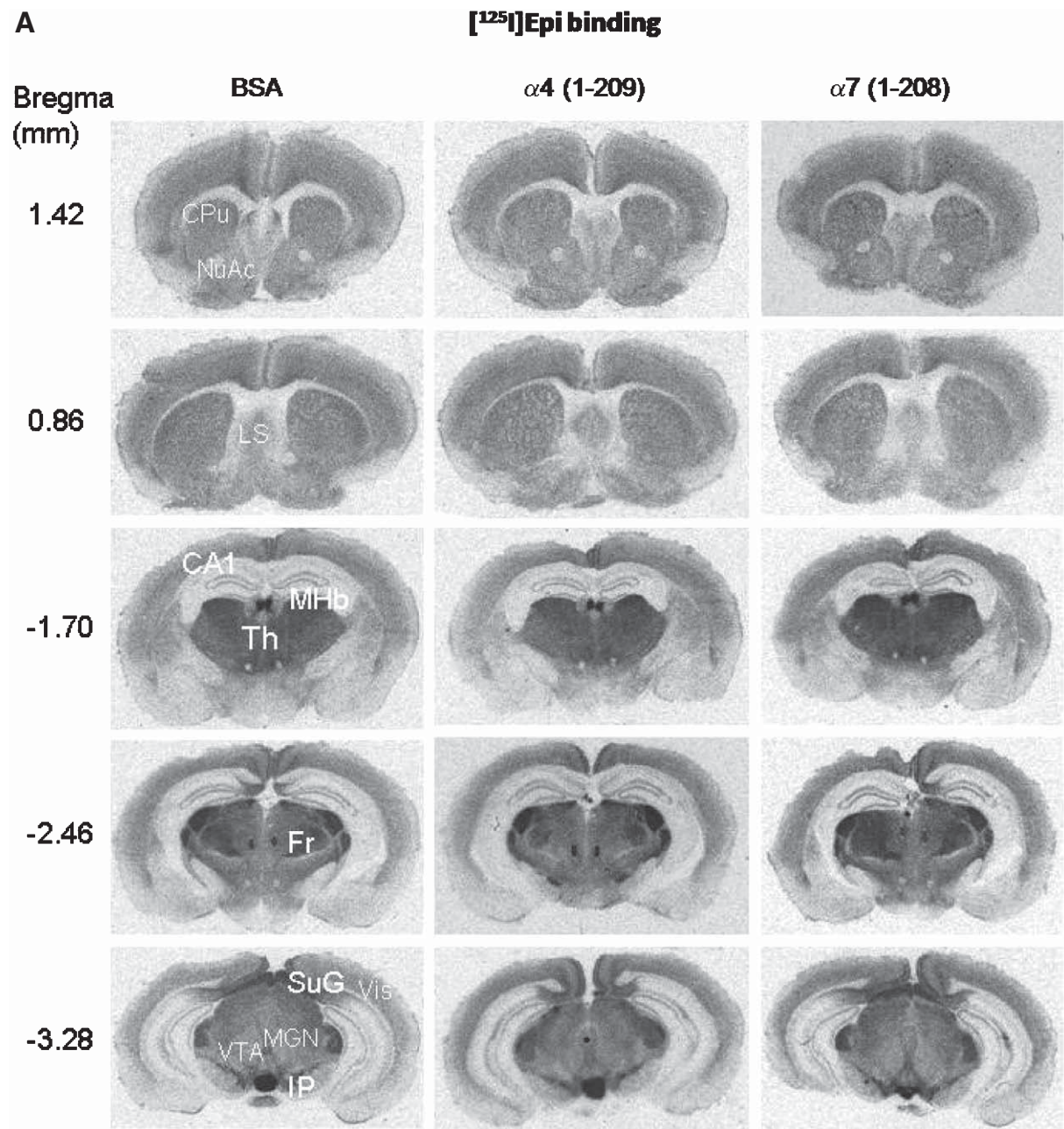
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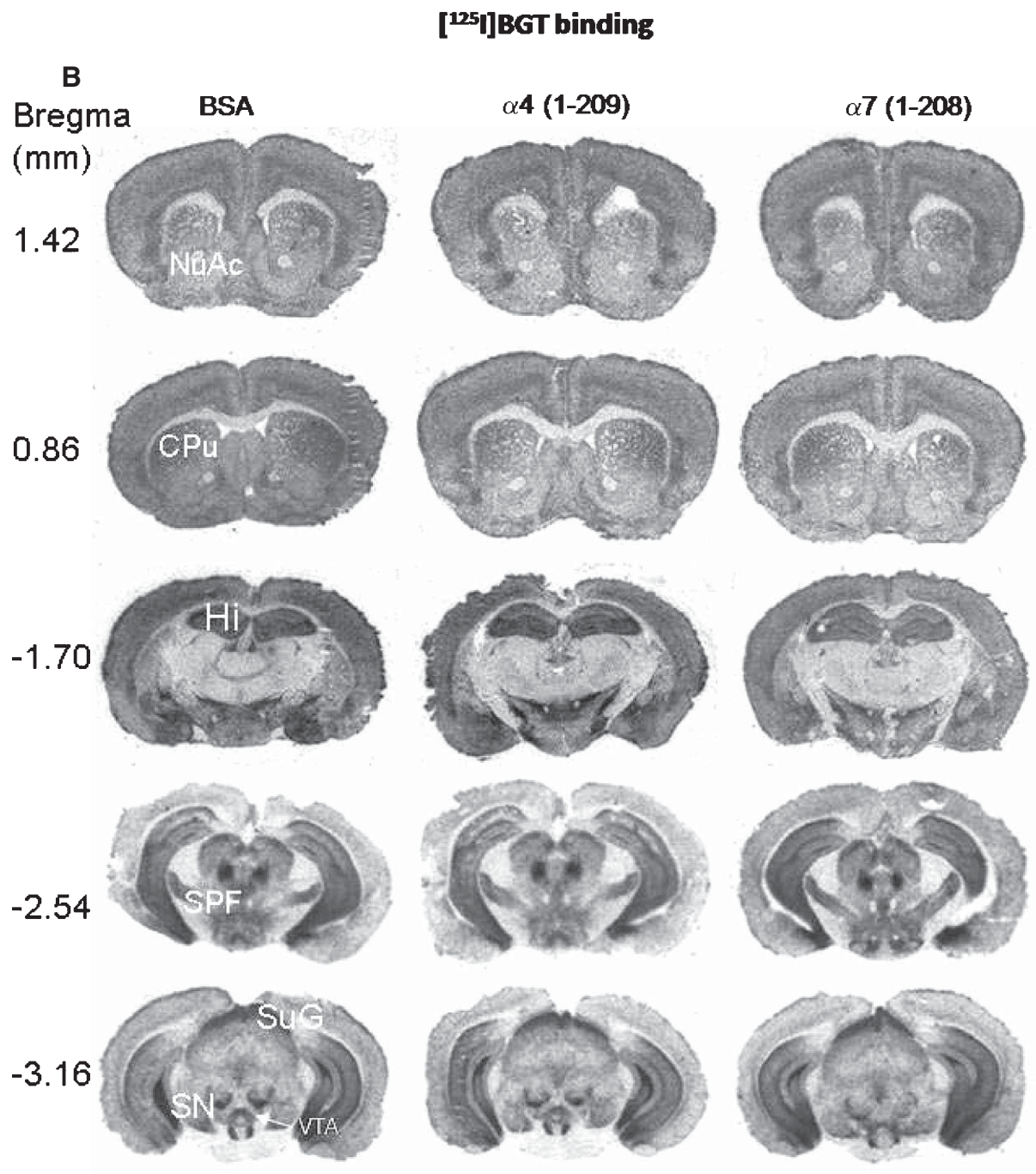
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Supplementary Figure 1. Distribution of [¹²⁵I]-Epi (A) and [¹²⁵I]-BGT (B) binding in mice after immunization with $\alpha 4$ (1-209), $\alpha 7$ (1-208), or BSA. Autoradiograms were obtained from 20- μ m coronal sections. The rostrocaudal level of each section was defined at distance from the bregma in stereotaxic coordinates according to the Franklin-Paxinos atlas. CA1, molecular layers of CA1 field of hippocampus; CPu, caudate putamen; Fr, fasciculus retroflexus; Hp, hippocampus; LS, lateral septum; IP, interpeduncular nucleus; MGN, medial geniculate nucleus; NuAc, nucleus accumbens; MHb, medial habenula; SN, substantia nigra; SPF, suprafascicular thalamic nucleus; SuG, superficial gray layer of the superior colliculus; Th, thalamus; Vis, visual cortex; VTA, ventral tegmental nucleus.



Supplementary Figure 1. (Continued)