

## Supporting information

### Title

Proteomic Investigation of Murine Neuronal  $\alpha 7$ -Nicotinic Acetylcholine Receptor Interacting Proteins

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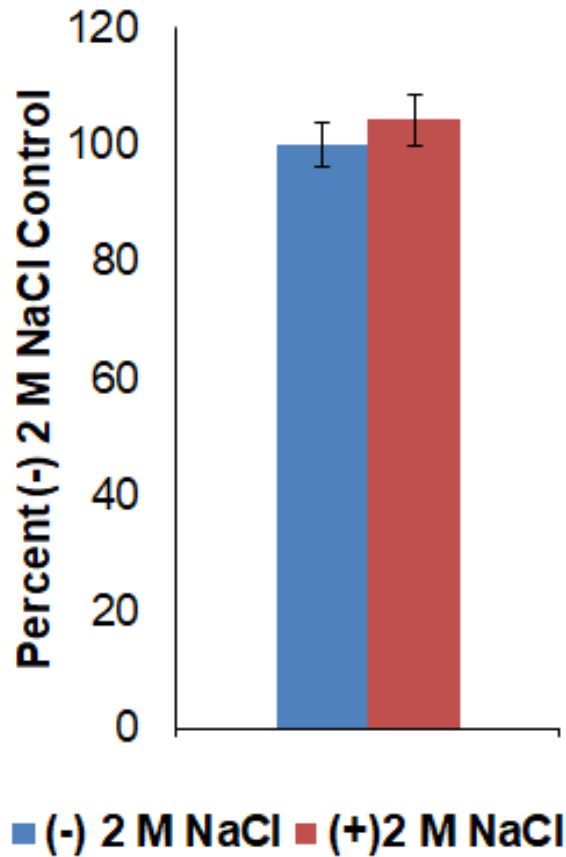
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**Supplemental Figure S-1. Sensitivity of on-bead  $^{125}\text{I}$ - $\alpha$ -bgtx binding to 2M NaCl.** On-bead  $^{125}\text{I}$ - $\alpha$ -bgtx binding was used on  $\alpha$ -bgtx enrichments from SH-SY5Y cell samples to assess whether incubation with 2 M NaCl "(+)" 2 M NaCl" would decrease observed  $^{125}\text{I}$ - $\alpha$ -bgtx binding compared to untreated samples "(-)" 2 M NaCl," indicating a loss of  $\alpha 7$ -nAChR from the beads. No reduction in  $^{125}\text{I}$ - $\alpha$ -bgtx binding was observed after 2 M NaCl treatment. SH-SY5Y is a human neuroblastoma derived cell line that endogenously expresses  $\alpha 7$ -nAChRs.