

Supplementary Information

Title: Presynaptic c-Jun N-terminal Kinase 2 regulates NMDA receptor-dependent glutamate release

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Supplementary Figure 1. Presynaptic proteins and receptor subunit level during NMDA and L-JNKi1 treatment.

A) Representative western blot showing unchanged NMDA and AMPA receptor subunits protein levels upon NMDA (100 μ M) + glycine (1 μ M) and L-JNKi1 (2 μ M) treatment in wild-type mice cortical synaptosomes. B) Representative Western blot showing unchanged presynaptic protein, syntaxin 1a (STX1a), synapsin (SYN), MUNC18-1, SYT 1, protein levels upon NMDA and L-JNKi1 treatment in wild-type mice cortical synaptosomes. C) Representative Western blot showing JNK protein expression in JNK KO mice cortical synaptosomes. Anti-JNK shows the bands corresponding to JNK1 (46 and 54 kDa), JNK2 (46 and 54 kDa) and JNK3 (54 kDa).

WB shown are cropped and representative.



