Preliminary data (Cryo-EM analysis of native AMPA receptors in native post-synaptic membrane)

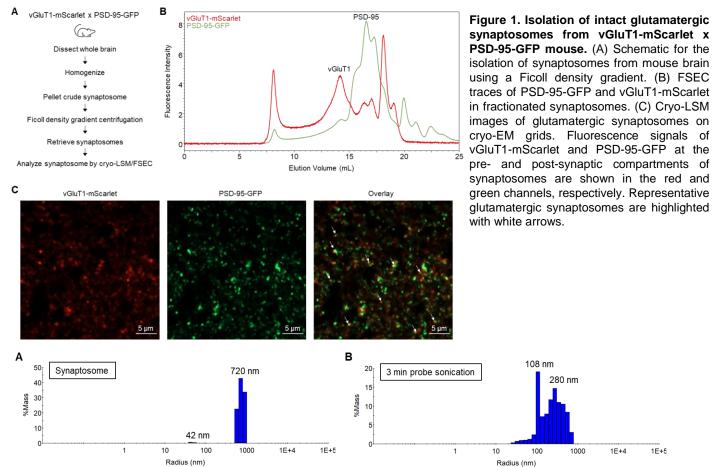


Figure 2. Analysis of the diameter of synaptosomes and sonicated synaptosome vesicles. Dynamic light scattering analysis showed the distribution of the diameter of synaptosomes (A) and smaller vesicles prepared by probe sonication (B).

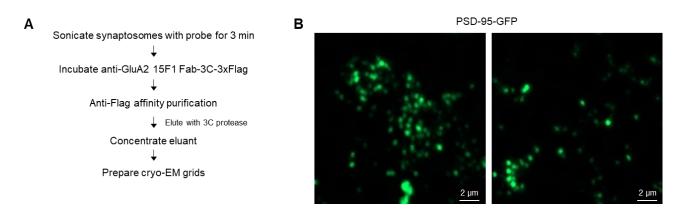


Figure 3. Purification of AMPAR-containing synaptosome vesicles. (A) Schematic for the purification of AMPAR-containing synaptosome vesicles using anti-GluA2 15F1 Fab-3C-3xFlag. (B) Cryo-LSM images of purified AMPAR-containing vesicles on cryo-EM grids. Fluorescence signals of PSD-95-GFP are shown in the green channel.

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