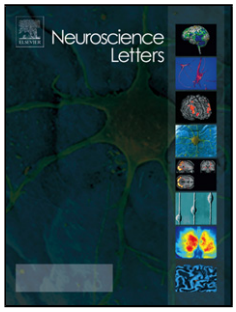

Title: Subunit-Specific Synaptic Delivery of AMPA Receptors by Auxiliary Chaperone Proteins TARPγ8 and GSG1L in Classical Conditioning

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Subunit-Specific Synaptic Delivery of AMPA Receptors by Auxiliary Chaperone Proteins TARPγ8 and GSG1L in Classical Conditioning

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Running Title: Subunit-specific trafficking of AMPARs in conditioning

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Tables: 0

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Highlights:

- Mechanisms for subunit-selective AMPAR trafficking in learning is poorly understood
- Sequential delivery of GluA1 and GluA4 AMPARs underlies classical conditioning
- TARPγ8 chaperones GluA1-containing AMPARs while GSG1L chaperones GluA4 subunits
- Auxiliary proteins regulate sequential AMPAR synaptic delivery in conditioning