

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Genes to Cognition - Biological Resources

RRID:SCR_001675

Type: Tool

Proper Citation

Genes to Cognition - Biological Resources (RRID:SCR_001675)

Resource Information

URL: <http://www.genes2cognition.org/resources/>

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Description: Biological resources, including gene-targeting vectors, ES cell lines, antibodies, and transgenic mice, generated for its phenotyping pipeline as part of the Genes to Cognition research program are freely-available to interested researchers. Available Transgenic Mouse Lines: *Hras1 (H-ras) knockout,C57BL/6J *Dlg4 (PSD-95) knockout,129S5 *Dlg4 (PSD-95) knockout,C57BL/6J *Dlg3 (SAP102) knockout with hpvt mutation,129S5 *Dlg3 (SAP102) knockout (wild-type for hpvt,C57BL/6J *Syngap1 (SynGAP) knockout (from 8.24 clone), C57BL/6J *Dlg4 (PSD-95) guanylate kinase domain deletion, C57BL/6J *Ptk2 (FAK) knockout,C57BL/6J

Abbreviations: G2C Biological Resources

Synonyms: G2C Mice Resources, G2C Biological Resources, G2C-Biological Resources, G2C - Biological Resources

Resource Type: biomaterial supply resource, material resource, organism supplier

Keywords: transgenic, mutant mouse strain, c57bl/6j, 129s5, transgenic mouse line, vector, es cell line, transgenic mouse

Funding: Wellcome Trust ;
MRC ;
BBSRC ;
Gatsby Charitable Foundation ;
Human Frontiers Science Programme ;
European Union ;
Framework Programme ;
EPSRC ;
NSF

Availability: Free, Freely Available

Resource Name: Genes to Cognition - Biological Resources

Resource ID: SCR_001675

Alternate IDs: nif-0000-10163

Alternate URLs: http://www.genes2cognition.org/mice_resources/

Old URLs: <http://www.genes2cognition.org/resources.html>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260905T132437+0000

Ratings and Alerts

No rating or validation information has been found for Genes to Cognition - Biological Resources.

No alerts have been found for Genes to Cognition - Biological Resources.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Liu LR, et al. (2025) Ceftriaxone alleviates mitochondrial damage through the inhibition of extrasynaptic NMDA receptor-mediated changes in intracellular calcium levels to improve cognitive deficits in APP/PS1 mice. *Alzheimer's research & therapy*, 17(1), 253.

He RB, et al. (2023) Ceftriaxone improves impairments in synaptic plasticity and cognitive behavior in APP/PS1 mouse model of Alzheimer's disease by inhibiting extrasynaptic NMDAR-STEP61 signaling. *Journal of neurochemistry*, 166(2), 215.