

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pShuttle-mRFP-gsk3 s9a

RRID:Addgene_24371

Type: Plasmid

Proper Citation

RRID:Addgene_24371

Plasmid Information

URL: <http://www.addgene.org/24371>

Proper Citation: RRID:Addgene_24371

Insert Name: GSK3beta(S9A)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19289791](#)

Vector Backbone Description: Backbone Marker:Agilent Technologies; Backbone Size:7469; Vector Backbone:pShuttle-CMV; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Kanamycin

Comments: Addgene's sequence results have identified a duplicated mRFP1 and GSK S9A in this plasmid. The depositor has confirmed that this duplication should not impact plasmid functionality.

Plasmid Name: pShuttle-mRFP-gsk3 s9a

Relevant Mutation: S9A. Mutant version of GSK3 that lacks the inhibitory phosphorylation site.

Record Creation Time: 20220422T222109+0000

Record Last Update: 20260815T081231+0000

Ratings and Alerts

No rating or validation information has been found for pShuttle-mRFP-gsk3 s9a.

No alerts have been found for pShuttle-mRFP-gsk3 s9a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Garg R, et al. (2025) Dopaminergic short axon cells integrate sensory and top-down inputs to enhance discriminative learning in the mouse olfactory bulb. PLoS biology, 23(9), e3003375.

Ruiz-Saenz A, et al. (2013) Protein 4.1R binds to CLASP2 and regulates dynamics, organization and attachment of microtubules to the cell cortex. Journal of cell science, 126(Pt 20), 4589.