

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

STOCK *Mapt*^{tm1(EGFP)Klt} Tg(APPswe,PSEN1dE9)85Dbo/Mmjax CB027 mES cells

RRID:MMRRC_037553-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037553-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=37553

Proper Citation: RRID:MMRRC_037553-JAX

Description: Mus musculus with name STOCK *Mapt*^{tm1(EGFP)Klt}
Tg(APPswe,PSEN1dE9)85Dbo/Mmjax CB027 mES cells from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Transgenic ; Collection:

Phenotype: amyloidosis [MP:0000604]| abnormal spinal cord morphology [MP:0000955]| impaired coordination [MP:0001405]| abnormal spatial learning [MP:0001463]| reduced long term potentiation [MP:0001473]| premature death [MP:0002083]| abnormal brain morphology [MP:0002152]| no abnormal phenotype detected [MP:0002169]| abnormal spleen red pulp morphology [MP:0002356]| abnormal sciatic nerve morphology [MP:0002651]| abnormal motor learning [MP:0002804]| abnormal neuron morphology [MP:0002882]| neurofibrillary tangles [MP:0003214]| tau protein deposits [MP:0004250]| abnormal renal glomerulus morphology [MP:0005325]| abnormal spleen B cell follicle morphology [MP:0008470]| increased follicular lymphoma incidence [MP:0009317]| impaired contextual conditioning behavior [MP:0009454]| impaired cued conditioning behavior [MP:0009456]| enhanced spatial learning [MP:0012306]| increased lymphoma incidence [MP:0012431]

Catalog Number: 037553-JAX

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:24504480](#)

Alternate IDs: MMRRC_37553-JAX, MMRRC_037553, MMRRC_37553

Organism Name: STOCK *Mapt^{tm1(EGFP)Klt}* Tg(APPswe,PSEN1dE9)85Dbo/Mmjax CB027 mES cells

Record Creation Time: 20230308T055151+0000

Record Last Update: 20260808T124127+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Mapt^{tm1(EGFP)Klt}* Tg(APPswe,PSEN1dE9)85Dbo/Mmjax CB027 mES cells.

No alerts have been found for STOCK *Mapt^{tm1(EGFP)Klt}* Tg(APPswe,PSEN1dE9)85Dbo/Mmjax CB027 mES cells.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.