

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6.Cg-Mapt^{tm1(EGFP)Klt}

Tg(APP^{SwFILon},PSEN1*M146L*L286V)6799Vas/Mmjax
ACB009 mES cells

RRID:MMRRC_037562-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037562-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=37562

Proper Citation: RRID:MMRRC_037562-JAX

Description: Mus musculus with name B6.Cg-Mapt^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1*M146L*L286V)6799Vas/Mmjax ACB009 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] 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: 037562-JAX

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:24504480](https://pubmed.ncbi.nlm.nih.gov/24504480/)

Alternate IDs: MMRRC_37562-JAX, MMRRC_037562, MMRRC_37562

Organism Name: B6.Cg-*Mapt*^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1**M146L***L286V*)6799Vas/Mmjax ACB009 mES cells

Record Creation Time: 20230308T055151+0000

Record Last Update: 20260808T124128+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Mapt*^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1**M146L***L286V*)6799Vas/Mmjax ACB009 mES cells.

No alerts have been found for B6.Cg-*Mapt*^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1**M146L***L286V*)6799Vas/Mmjax ACB009 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.