

Resource Summary Report

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

Tg(APP^{SwFILon},PSEN1*M146L*L286V)6799Vas/Mmjax
ACB014 mES cells

RRID:MMRRC_037563-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037563-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=37563

Proper Citation: RRID:MMRRC_037563-JAX

Description: Mus musculus with name B6.Cg-Mapt^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1*M146L*L286V)6799Vas/Mmjax ACB014 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: 037563-JAX

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:24504480](#)

Alternate IDs: MMRRC_37563-JAX, MMRRC_037563, MMRRC_37563

Organism Name: B6.Cg-*Mapt*^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1**M146L***L286V*)6799Vas/Mmjax ACB014 mES cells

Record Creation Time: 20230308T055151+0000

Record Last Update: 20260815T124904+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 ACB014 mES cells.

No alerts have been found for B6.Cg-*Mapt*^{tm1(EGFP)Klt}
Tg(APP^{SwFILon},PSEN1**M146L***L286V*)6799Vas/Mmjax ACB014 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.