

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

KOMP ES cell line *Gpt2tm1a(KOMP)Wtsi*

RRID:MMRRC_056486-UCD

Type: Organism

Proper Citation

RRID:MMRRC_056486-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=56486

Proper Citation: RRID:MMRRC_056486-UCD

Description: Mus musculus with name KOMP ES cell line *Gpt2tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: decreased brain size [MP:0000774]| abnormal cerebral cortex morphology [MP:0000788]| abnormal brain development [MP:0000913]| hypoactivity [MP:0001402]| premature death [MP:0002083]| abnormal metabolism [MP:0005266]| abnormal amino acid level [MP:0005332]| abnormal enzyme/coenzyme activity [MP:0005584]| abnormal cerebral hemisphere morphology [MP:0008540]| abnormal synapse morphology [MP:0009538]| abnormal hippocampus neuron morphology [MP:0009939]| abnormal tricarboxylic acid cycle [MP:0010958]| abnormal amino acid metabolism [MP:0013242]

Affected Gene: Gpt2

Catalog Number: 056486-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_56486-UCD, MMRRC_056486, MMRRC_56486

Organism Name: KOMP ES cell line *Gpt2tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055353+0000

Record Last Update: 20260801T124948+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Gpt2tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Gpt2tm1a(KOMP)Wtsi*.

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.