

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

KOMP ES cell line *Prrt2tm1a(KOMP)Wtsi*

RRID:MMRRC_060807-UCD

Type: Organism

Proper Citation

RRID:MMRRC_060807-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=60807

Proper Citation: RRID:MMRRC_060807-UCD

Description: Mus musculus with name KOMP ES cell line *Prrt2tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: jumpy [MP:0001401]| increased grooming behavior [MP:0001441]| audiogenic seizures [MP:0001496]| impaired balance [MP:0001525]| abnormal motor capabilities/coordination/movement [MP:0002066]| increased susceptibility to pharmacologically induced seizures [MP:0002906]| abnormal inhibitory postsynaptic currents [MP:0002945]| decreased lumbar vertebrae number [MP:0004647]| abnormal miniature excitatory postsynaptic currents [MP:0004753]| abnormal synaptic plasticity [MP:0004859]| jerky movement [MP:0005424]| thin cerebral cortex [MP:0006254]| induced hyperactivity [MP:0008911]| increased sacral vertebrae number [MP:0010101]| retropulsion [MP:0010323]| abnormal excitatory synapse morphology [MP:0020357]| abnormal inhibitory synapse morphology [MP:0020358]

Affected Gene: |Prrt2|

Catalog Number: 060807-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_60807-UCD, MMRRC_060807, MMRRC_687

Organism Name: KOMP ES cell line *Prrt2tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055425+0000

Record Last Update: 20260912T135454+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Prrt2tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Prrt2tm1a(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.