

Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 2026

STOCK Prnp^{tm1Cwe} Tg(Prnp)E1Rchi/Cnrm

RRID:IMSR_EM:06141

Type: Organism

Proper Citation

RRID:IMSR_EM:06141

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=6141>

Proper Citation: RRID:IMSR_EM:06141

Description: Mus musculus with name STOCK Prnp^{tm1Cwe} Tg(Prnp)E1Rchi/Cnrm from IMSR.

Species: Mus musculus

Synonyms: Tg(WT-E1)/Prnp0/0

Notes: gene symbol note: prion protein|transgene insertion E1; Roberto Chiesa; mutant strain: Prnp|Tg(Prnp)E1Rchi

Affected Gene: prion protein|transgene insertion E1; Roberto Chiesa

Genomic Alteration: targeted mutation 1; Charles Weissmann|transgene insertion E1; Roberto Chiesa

Catalog Number: EM:06141

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK Prnp^{tm1Cwe} Tg(Prnp)E1Rchi/Cnrm

Record Creation Time: 20250513T062232+0000

Record Last Update: 20260801T055948+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Prnp^{tm1Cwe}
Tg(Prnp)E1Rchi/Cnrm.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human Creutzfeldt-Jakob disease.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human Gerstmann-Straussler-Scheinker syndrome.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Balducci C, et al. (2025) Tau oligomers impair memory and synaptic plasticity through the cellular prion protein. Acta neuropathologica communications, 13(1), 17.