

Resource Summary Report

Generated by [ASWG](#) on Aug 17, 2026

Ppfia1^{tm1a}(EUCOMM)Hmgu

RRID:IMSR_EUMMCR:25506

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:25506

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:25506

Description: Mus musculus with name Ppfia1^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase; receptor type; f polypeptide (PTPRF); interacting protein (liprin); alpha 1; mutant strain: Ppfia1

Affected Gene: protein tyrosine phosphatase; receptor type; f polypeptide (PTPRF); interacting protein (liprin); alpha 1

Genomic Alteration: targeted mutation 1a; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EUMMCR:25506

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Ppfia1^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061750+0000

Record Last Update: 20260815T055141+0000

Ratings and Alerts

No rating or validation information has been found for Ppfia1^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Ppfia1^{tm1a}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Emperador-Melero J, et al. (2026) Deployment of endocytic machinery to periaxonal zones of nerve terminals is independent of active zone assembly and evoked release. eLife, 14.

Emperador-Melero J, et al. (2024) Distinct active zone protein machineries mediate Ca²⁺ channel clustering and vesicle priming at hippocampal synapses. Nature neuroscience, 27(9), 1680.

Emperador-Melero J, et al. (2023) Molecular definition of distinct active zone protein machineries for Ca²⁺ channel clustering and synaptic vesicle priming. bioRxiv : the preprint server for biology.