

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

129S2-Prkaa1^{tm1Sbj}/Orl

RRID:IMSR_EM:02139

Type: Organism

Proper Citation

RRID:IMSR_EM:02139

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=2139>

Proper Citation: RRID:IMSR_EM:02139

Description: Mus musculus with name 129S2-Prkaa1^{tm1Sbj}/Orl from IMSR.

Species: Mus musculus

Synonyms: AMPKalpha1 knockout

Notes: gene symbol note: protein kinase; AMP-activated; alpha 1 catalytic subunit; mutant strain: Prkaa1

Affected Gene: protein kinase; AMP-activated; alpha 1 catalytic subunit

Genomic Alteration: targeted mutation 1; Sebastian B Jorgensen

Catalog Number: EM:02139

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: archived

Organism Name: 129S2-Prkaa1^{tm1Sbj}/Orl

Record Creation Time: 20250513T062215+0000

Record Last Update: 20260815T055709+0000

Ratings and Alerts

No rating or validation information has been found for 129S2-Prkaa1^{tm1Sbj}/Orl.

No alerts have been found for 129S2-Prkaa1^{tm1Sbj}/Orl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We have not found any literature mentions for this resource.