

Resource Summary Report

Generated by ASWG on Sep 18, 2026

B6;129P2-Hprt1^{tm1(CAG-EGFP)}Laumm/H

RRID:IMSR_EM:12427

Type: Organism

Proper Citation

RRID:IMSR_EM:12427

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=12427>

Proper Citation: RRID:IMSR_EM:12427

Description: Mus musculus with name B6;129P2-Hprt1^{tm1(CAG-EGFP)}Laumm/H from IMSR.

Species: Mus musculus

Synonyms: B6;129P2-Hprt/H. LifeAct-GFP

Notes: gene symbol note: hypoxanthine phosphoribosyltransferase 1; mutant strain: Hprt1

Affected Gene: hypoxanthine phosphoribosyltransferase 1

Genomic Alteration: targeted mutation 1; Laura M Machesky

Catalog Number: EM:12427

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:6335778, IMSR_HAR:9185

Organism Name: B6;129P2-Hprt1^{tm1(CAG-EGFP)}Laumm/H

Record Creation Time: 20250513T062312+0000

Record Last Update: 20260912T065230+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Hprt1^{tm1}(CAG-EGFP)Laumm/H.

No alerts have been found for B6;129P2-Hprt1^{tm1}(CAG-EGFP)Laumm/H.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Sigler AL, et al. (2024) FMNL1 and mDia1 promote efficient T cell migration through complex environments via distinct mechanisms. *Frontiers in immunology*, 15, 1467415.

Tejeda-Muñoz N, et al. (2022) Protocol for culturing and imaging of ectodermal cells from *Xenopus*. *STAR protocols*, 3(3), 101455.

Tejeda-Muñoz N, et al. (2022) Canonical Wnt signaling induces focal adhesion and Integrin beta-1 endocytosis. *iScience*, 25(4), 104123.

Thompson SB, et al. (2020) Formin-like 1 mediates effector T cell trafficking to inflammatory sites to enable T cell-mediated autoimmunity. *eLife*, 9.

Albrecht LV, et al. (2020) Protocol for Probing Regulated Lysosomal Activity and Function in Living Cells. *STAR protocols*, 1(3), 100132.

Albrecht LV, et al. (2020) GSK3 Inhibits Macropinocytosis and Lysosomal Activity through the Wnt Destruction Complex Machinery. *Cell reports*, 32(4), 107973.