

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6.129-Sykb^{tm1Paw} Tg(IghelMD4)4Ccg/AnuApb

RRID:IMSR_APB:149

Type: Organism

Proper Citation

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Organism Information

URL: <https://db.pb.apf.edu.au/phenbank/strain.html?id=149>

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Description: Mus musculus with name B6.129-Sykb^{tm1Paw} Tg(IghelMD4)4Ccg/AnuApb from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Syk Tg(IghelMD4)4Ccg. B6.Cg-Sykb Tg(IghelMD4)4Ccg/Apb. B6.Cg-Sykb Tg(IghelMD4)4Ccg. B6;129-Syk Tg(IghelMD4)4Ccg/AnuApb. Syk -/- :Hamlet

Notes: gene symbol note: spleen tyrosine kinase|; mutant strain|congenic strain: Syk|

Affected Gene: spleen tyrosine kinase|

Genomic Alteration: targeted mutation 1; Tony Pawson|transgene insertion 4; Christopher C Goodnow

Catalog Number: APB:149

Database: Australian Phenome Bank

Database Abbreviation: APB

Availability: sperm

Organism Name: B6.129-Sykb^{tm1Paw} Tg(IghelMD4)4Ccg/AnuApb

Record Creation Time: 20250513T062344+0000

Record Last Update: 20260725T053119+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Sykb^{tm1Paw} Tg(IghelMD4)4Cc/AnuApb.

No alerts have been found for B6.129-Sykb^{tm1Paw} Tg(IghelMD4)4Cc/AnuApb.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Australian Phenome Bank

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Martin MD, et al. (2020) Diverse CD8⁺T Cell Responses to Viral Infection Revealed by the Collaborative Cross. Cell reports, 31(2), 107508.

Gralinski LE, et al. (2017) Allelic Variation in the Toll-Like Receptor Adaptor Protein Ticam2 Contributes to SARS-Coronavirus Pathogenesis in Mice. G3 (Bethesda, Md.), 7(6), 1653.