

Resource Summary Report

Generated by [ASWG](#) on Aug 1, 2026

[Gt\(ROSA\)26Sor^{tm7\(Pik3ca*/EGFP\)}Rsky](#)
[/Gt\(ROSA\)26Sor^{tm13\(CAG-MYC/-CD2*\)}Rsky; Ighg1](#)
[tm1\(cre\)Cgn/Ighg1⁺](#)

RRID:MGI:5463978

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5463978

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal class switch recombination, increased germinal center B cell number, premature death, increased B cell derived lymphoma incidence

Affected Gene: Ighg1, Gt(ROSA)26Sor

Genomic Alteration: tm13(CAG-MYC, -CD2*)Rsky, tm1(cre)Cgn, tm7(Pik3ca*, EGFP)Rsky

Catalog Number: 5463978

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22897848](#)

Organism Name: Gt(ROSA)26Sor^{tm7(Pik3ca*/EGFP)Rsky}/Gt(ROSA)26Sor^{tm13(CAG-MYC/-CD2*)Rsky}; Ighg1^{tm1(cre)Cgn}/Ighg1⁺

Record Creation Time: 20240120T190127+0000

Record Last Update: 20240130T201729+0000

Ratings and Alerts

No rating or validation information has been found for Gt(ROSA)26Sor^{tm7(Pik3ca*/EGFP)Rsky}/Gt(ROSA)26Sor^{tm13(CAG-MYC/-CD2*)Rsky}; Ighg1^{tm1(cre)Cgn}/Ighg1⁺.

No alerts have been found for Gt(ROSA)26Sor^{tm7(Pik3ca*/EGFP)Rsky}/Gt(ROSA)26Sor^{tm13(CAG-MYC/-CD2*)Rsky}; Ighg1^{tm1(cre)Cgn}/Ighg1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.