

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

Tg(CAG-Bgeo/-Spry2/-ALPP)1Mrt; Mesp1^{tm2(cre)}Ysa/Mesp1⁺

RRID:MGI:3829045

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3829045

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

Species: Mus musculus

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

Phenotype: abnormal cardiac epithelial to mesenchymal transition, ventricular septal defect, bicuspid aortic valve, abnormal heart morphology, abnormal heart development, atrioventricular septal defect, abnormal cardiac outflow tract development, double outlet right ventricle, persistent truncus arteriosus

Affected Gene: Tg(CAG-Bgeo, -Spry2, -ALPP)1Mrt, Mesp1

Genomic Alteration: Tg(CAG-Bgeo, -Spry2, -ALPP)1Mrt, tm2(cre)Ysa

Catalog Number: 3829045

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18832392](#)

Organism Name: Tg(CAG-Bgeo/-Spry2/-ALPP)1Mrt; Mesp1^{tm2(cre)}Ysa/Mesp1⁺

Record Creation Time: 20240120T190400+0000

Record Last Update: 20240130T201857+0000

Ratings and Alerts

No rating or validation information has been found for Tg(CAG-Bgeo/-Spry2/-ALPP)1Mrt; Mesp1^{tm2(cre)Ysa}/Mesp1⁺.

No alerts have been found for Tg(CAG-Bgeo/-Spry2/-ALPP)1Mrt; Mesp1^{tm2(cre)Ysa}/Mesp1⁺.

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.