

# Resource Summary Report

Generated by ASWG on Aug 27, 2026

## C57BL/6J-Tg(Myh6-Bdh1)1Smat

RRID:IMSR\_RBRC10273

Type: Organism

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### Proper Citation

RRID:IMSR\_RBRC10273

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### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC10273>

**Proper Citation:** RRID:IMSR\_RBRC10273

**Description:** Mus musculus with name C57BL/6J-Tg(Myh6-Bdh1)1Smat from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion 1; Satoaki Matoba|3-hydroxybutyrate dehydrogenase; type 1|myosin; heavy polypeptide 6; cardiac muscle; alpha; mutant strain: Tg(Myh6-Bdh1)1Smat|Bdh1|Myh6

**Affected Gene:** transgene insertion 1; Satoaki Matoba|3-hydroxybutyrate dehydrogenase; type 1|myosin; heavy polypeptide 6; cardiac muscle; alpha

**Genomic Alteration:** transgene insertion 1; Satoaki Matoba|

**Catalog Number:** RBRC10273

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** embryo

**Organism Name:** C57BL/6J-Tg(Myh6-Bdh1)1Smat

**Record Creation Time:** 20250513T061520+0000

**Record Last Update:** 20260815T054848+0000

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### Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Myh6-Bdh1)1Smat.

No alerts have been found for C57BL/6J-Tg(Myh6-Bdh1)1Smat.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.