

# Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

## STOCK *Hand1*<sup>tm3Abfi</sup>/Mmmh

RRID:MMRRC\_043547-MU

Type: Organism

### Proper Citation

RRID:MMRRC\_043547-MU

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=43547](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43547)

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**Description:** Mus musculus with name STOCK *Hand1*<sup>tm3Abfi</sup>/Mmmh from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cardiovascular, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** short premaxilla [MP:0000091]| nasal bone hypoplasia [MP:0000103]| midline facial cleft [MP:0000108]| abnormal maxilla morphology [MP:0000455]| mandible hypoplasia [MP:0000460]| abnormal tongue morphology [MP:0000762]| neonatal lethality [MP:0002058]| abnormal pharyngeal arch morphology [MP:0002884]| abnormal alisphenoid bone morphology [MP:0003235]| abnormal sagittal suture morphology [MP:0003843]| abnormal craniofacial development [MP:0003935]| small frontal bone [MP:0004377]| interparietal bone hypoplasia [MP:0004385]| pterygoid bone hypoplasia [MP:0004455]| basisphenoid bone hypoplasia [MP:0004461]| small nasal bone [MP:0004470]| absent nasal bone [MP:0004473]| abnormal nasal capsule morphology [MP:0004726]| frontal bone hypoplasia [MP:0004869]| absent nasal septum [MP:0004872]| absent temporal bone squamous part [MP:0004899]| abnormal Reichert's cartilage morphology [MP:0004915]| abnormal palate development [MP:0009653]| abnormal secondary palate development [MP:0009655]| abnormal palatal shelf fusion at midline [MP:0009887]| abnormal basicranium morphology [MP:0010029]| abnormal maxillary prominence morphology [MP:0010940]| short Meckel's cartilage [MP:0013933]| zygomatic bone hypoplasia [MP:0030112]

**Affected Gene:** Hand1

**Catalog Number:** 043547-MU

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_43547-MU, MMRRC\_043547, MMRRC\_43547

**Organism Name:** STOCK *Hand1*<sup>tm3Abfi</sup>/Mmmh

**Record Creation Time:** 20230308T055233+0000

**Record Last Update:** 20260912T135032+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK *Hand1*<sup>tm3Abfi</sup>/Mmmh.

No alerts have been found for STOCK *Hand1*<sup>tm3Abfi</sup>/Mmmh.

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## Data and Source Information

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

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.