

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

[Rpgr1p1tm1a\(EUCOMM\)Wtsi/Rpgr1p1tm1a\(EUCOMM\)Wtsi](#)

RRID:MGI:5631501

Type: Organism

Proper Citation

RRID:MGI:5631501

Organism Information

URL:

Proper Citation: RRID:MGI:5631501

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

Species: Mus musculus

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

Phenotype: abnormal hypoglossal nerve topology, abnormal optic stalk morphology, abnormal optic cup morphology, abnormal intrathoracic topology of vagus nerve, abnormal midbrain morphology, abnormal maxilla morphology, abnormal right lung morphology, abnormal ventral pancreas morphology, abnormal vertebral body morphology, absent oculomotor nerve, anomalous pulmonary venous connection, abnormal incisor morphology, abnormal cranial blood vasculature morphology, thoracoschisis, abnormal hyoid bone morphology, abnormal hindbrain morphology, abdominal situs ambiguus, absent vertebral body, small dorsal root ganglion, abnormal nasal septum morphology, abnormal nasal cavity morphology, thin motoric part of trigeminal nerve, double outlet left ventricle, liver cysts, spleen hypoplasia, absent sublingual gland, abnormal olfactory bulb morphology, thin hypoglossal nerve, abnormal subclavian artery origin, absent connection between subcutaneous lymph vessels and lymph sac, abnormal coronary sinus connection, symmetric azygos veins, abnormal testis morphology, abnormal brain vasculature morphology, inverse situs of great intrathoracic arteries, retro-esophageal left subclavian artery, abnormal vitelline vein connection, abnormal azygos vein topology, abnormal intestine placement, abnormal hepatic portal vein formation, abnormal Mullerian duct topology, abnormal internal carotid artery morphology, holoprosencephaly, abnormal forebrain morphology, abnormal basilar artery morphology, subcutaneous edema, muscular ventricular septal defect, fusion of vertebral arches, persistent right dorsal aorta, abnormal pineal gland morphology, absent segment of posterior cerebral artery, abnormal rib morphology, decreased tongue size, abnormal inferior vena cava valve morphology,

absent superior cervical ganglion, absent intracranial segment of vertebral artery, small superior cervical ganglion, persistent right 6th pharyngeal arch artery, abnormal basisphenoid bone morphology, abnormal eye muscle morphology, anastomosis between internal carotid artery and basilar artery, preweaning lethality, complete penetrance, liver hemorrhage, abnormal palate morphology, anophthalmia, atrial septal defect, abnormal umbilical vein topology, abnormal vertebral arch morphology, absent intrahepatic inferior vena cava segment, atrial situs inversus, transposition of great arteries, absent ductus venosus valve, abnormal ductus venosus valve topology, left atrial isomerism, heterotaxia, abnormal accessory nerve morphology, right aortic arch, abnormal atrioventricular cushion morphology, polydactyly, abnormal inner ear morphology, absent brain internal capsule, absent olfactory bulb, bifid ureter, abnormal heart position or orientation, absent adenohypophysis, thin facial nerve, abnormal pancreas topology, absent hypoglossal nerve, absent spleen, enlarged liver sinusoidal spaces, heterochrony, abnormal carotid artery morphology, abnormal basioccipital bone morphology, perimembraneous ventricular septal defect, left pulmonary isomerism, abnormal inferior vena cava topology, abnormal vertebral artery origin, cleft palate, abnormal internal carotid artery topology, absent canalicular internal carotid artery segment, double outlet right ventricle, absent parasellar internal carotid artery, common atrium, cleft upper lip, absent optic chiasm

Affected Gene: Rpgr1p1

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 5631501

Background: C57BL/6N-Rpgr1p1/Wtsi

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Rpgr1p1^{tm1a(EUCOMM)Wtsi}/Rpgr1p1^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T190029+0000

Record Last Update: 20240130T201656+0000

Ratings and Alerts

No rating or validation information has been found for Rpgr1p1^{tm1a(EUCOMM)Wtsi}/Rpgr1p1^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Rpgr1p1^{tm1a(EUCOMM)Wtsi}/Rpgr1p1^{tm1a(EUCOMM)Wtsi}.

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.