

# Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

## KOMP ES cell line *Irx1tm1(KOMP)Vlcg*

RRID:MMRRC\_057328-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_057328-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc\\_id=57328](https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=57328)

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**Description:** Mus musculus with name KOMP ES cell line *Irx1tm1(KOMP)Vlcg* from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: ; Mutation Type: deletion ; Collection: KOMP

**Phenotype:** abnormal tooth development [MP:0000116]| abnormal lung development [MP:0001176]| atelectasis [MP:0001177]| cyanosis [MP:0001575]| respiratory failure [MP:0001953]| respiratory distress [MP:0001954]| abnormal respiratory mechanics [MP:0002314]| small lung [MP:0003641]| growth retardation of incisors [MP:0005359]| absent gastric milk in neonates [MP:0009546]| decreased surfactant secretion [MP:0010993]| neonatal lethality [MP:0011087]| complete penetrance [MP:0030080]| small lower incisors [MP:0030089]| short lower incisors [MP:0030136]| abnormal lower incisor morphology [MP:0030453]| abnormal odontoblast morphology [MP:0030471]| abnormal ameloblast differentiation [MP:0030508]| abnormal dental epithelium morphology [MP:0030518]| abnormal outer dental epithelium morphology [MP:0030523]

**Affected Gene:** *Irx1*

**Catalog Number:** 057328-UCD

**Background:** deletion

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:12730667](#)

**Alternate IDs:** MMRRC\_57328-UCD, MMRRC\_057328, MMRRC\_57328

**Organism Name:** KOMP ES cell line *Irx1tm1(KOMP)Vlcg*

**Record Creation Time:** 20230308T055400+0000

**Record Last Update:** 20260815T130110+0000

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## Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Irx1tm1(KOMP)Vlcg*.

No alerts have been found for KOMP ES cell line *Irx1tm1(KOMP)Vlcg*.

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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.