

Resource Summary Report

Generated by ASWG on Sep 17, 2026

C57BL/6-Tg(Olfr16-Olr226*D126R/R127D.-Gnas*Q227L.-ECFP)1Hsak/HsakRbrc

RRID:IMSR_RBRC02935

Type: Organism

Proper Citation

RRID:IMSR_RBRC02935

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02935>

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Description: Mus musculus with name C57BL/6-Tg(Olfr16-Olr226*D126R/R127D.-Gnas*Q227L.-ECFP)1Hsak/HsakRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: GNAS complex locus|transgene insertion 1; Hitoshi Sakano|olfactory receptor 226|withdrawn; = Or1e16|; mutant strain: Gnas|Tg(Olfr16-Olr226*D126R/R127D;-Gnas*Q227L;-ECFP)1Hsak|Olr226|Olr1|

Affected Gene: GNAS complex locus|transgene insertion 1; Hitoshi Sakano|olfactory receptor 226|withdrawn; = Or1e16|

Genomic Alteration: GNAS (guanine nucleotide binding protein; alpha stimulating) complex locus|transgene insertion 1; Hitoshi Sakano|olfactory receptor 226|olfactory receptor 1|

Catalog Number: RBRC02935

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(Olfr16-Olr226*D126R/R127D.-Gnas*Q227L.-ECFP)1Hsak/HsakRbrc

Record Creation Time: 20250513T061449+0000

Record Last Update: 20260912T064307+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Olfr16-Olr226*D126R/R127D.-Gnas*Q227L.-ECFP)1Hsak/HsakRbrc.

No alerts have been found for C57BL/6-Tg(Olfr16-Olr226*D126R/R127D.-Gnas*Q227L.-ECFP)1Hsak/HsakRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.