

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

C57BL/6-Tg(Olfr16-Olr226.-ECFP)1Hsak/HsakRbrc

RRID:IMSR_RBRC02931

Type: Organism

Proper Citation

RRID:IMSR_RBRC02931

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02931>

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

Species: Mus musculus

Synonyms: C57BL/6-Tg(Olfr16-Olfr2.-ECFP)1Hsak/HsakRbrc. C57BL/6-Tg(Olfr16-Olfr2*.-ECFP)1Hsak/HsakRbrc. C57BL/6-Tg(Or10j5-Or6a2*.-ECFP)1Hsak/Hsak

Notes: gene symbol note: withdrawn; = Or10j5|withdrawn; = Tg(Olfr16-Olfr2;-ECFP)1Hsak|olfactory receptor 226; mutant strain: Olfr16|Tg(Olfr16-Olr226;-ECFP)1Hsak|Olr226|

Affected Gene: withdrawn; = Or10j5|withdrawn; = Tg(Olfr16-Olfr2;-ECFP)1Hsak|olfactory receptor 226|

Genomic Alteration: olfactory receptor 16|transgene insertion 1; Hitoshi Sakano|olfactory receptor 226|

Catalog Number: RBRC02931

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(Olfr16-Olr226.-ECFP)1Hsak/HsakRbrc

Record Creation Time: 20250513T061449+0000

Record Last Update: 20260815T054813+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Iwata R, et al. (2017) Mechanosensory-Based Phase Coding of Odor Identity in the Olfactory Bulb. Neuron, 96(5), 1139.