

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6;129-Olfr1507^{tm1(EGFP)}Hsak/HsakRbrc

RRID:IMSR_RBRC02928

Type: Organism

Proper Citation

RRID:IMSR_RBRC02928

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02928>

Proper Citation: RRID:IMSR_RBRC02928

Description: Mus musculus with name B6;129-Olfr1507^{tm1(EGFP)}Hsak/HsakRbrc from IMSR.

Species: Mus musculus

Synonyms: B6;129-Olfr1507/Rbrc. B6;129-Or4e5/Hsak

Notes: gene symbol note: olfactory receptor family 4 subfamily E member 5; mutant strain: Or4e5

Affected Gene: olfactory receptor family 4 subfamily E member 5

Genomic Alteration: targeted mutation 1.1; Hitoshi Sakano

Catalog Number: RBRC02928

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129-Olfr1507^{tm1(EGFP)}Hsak/HsakRbrc

Record Creation Time: 20250513T061449+0000

Record Last Update: 20260829T053525+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Olfr1507^{tm1}(EGFP)Hsak/HsakRbrc.

No alerts have been found for B6;129-Olfr1507^{tm1}(EGFP)Hsak/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](#) .

Koike K, et al. (2021) Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. Neuron, 109(15), 2469.