

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

pScarlessHD-DsRed

RRID:Addgene_64703

Type: Plasmid

Proper Citation

RRID:Addgene_64703

Plasmid Information

URL: <http://www.addgene.org/64703>

Proper Citation: RRID:Addgene_64703

Insert Name: piggyBac-3xP3-DsRed

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:DNA2.0; Backbone Size:2816; Vector Backbone:pJ204; Vector Types:; Bacterial Resistance:Ampicillin

Plasmid Name: pScarlessHD-DsRed

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260905T075933+0000

Ratings and Alerts

No rating or validation information has been found for pScarlessHD-DsRed.

No alerts have been found for pScarlessHD-DsRed.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Ho EK, et al. (2025) A live-cell biosensor of in vivo receptor tyrosine kinase activity reveals feedback regulation of a developmental gradient. *Cell reports*, 44(7), 115930.

Borne F, et al. (2025) Epistasis among clustered lineage-specific adaptive amino acid substitutions in the *Drosophila* Trio protein. *bioRxiv : the preprint server for biology*.

Nyberg KG, et al. (2025) Ribozyme-Mediated Knockdown of lncRNA Gene Expression in *Drosophila*. *Bio-protocol*, 15(20), e5477.

Chen P, et al. (2025) Escalation of genome defense capacity enables control of an expanding meiotic driver. *Proceedings of the National Academy of Sciences of the United States of America*, 122(2), e2418541122.

Ho EK, et al. (2025) In vivo measurements of receptor tyrosine kinase activity reveal feedback regulation of a developmental gradient. *bioRxiv : the preprint server for biology*.

Chen P, et al. (2024) Escalation of genome defense capacity enables control of an expanding meiotic driver. *bioRxiv : the preprint server for biology*.

Camp D, et al. (2024) The actin binding sites of talin have both distinct and complementary roles in cell-ECM adhesion. *PLoS genetics*, 20(4), e1011224.

Yeh JY, et al. (2024) A missense mutation in human INSC causes peripheral neuropathy. *EMBO molecular medicine*, 16(5), 1091.

Tran H, et al. (2024) Tet controls axon guidance in early brain development through glutamatergic signaling. *iScience*, 27(5), 109634.

Chen R, et al. (2024) Direct observation of translational activation by a ribonucleoprotein granule. *Nature cell biology*, 26(8), 1322.

Lidsky PV, et al. (2023) Monitoring integrated stress response in live *Drosophila*. *bioRxiv : the preprint server for biology*.

Tsao DD, et al. (2023) A genetic strategy to measure insulin signaling regulation and physiology in *Drosophila*. *PLoS genetics*, 19(2), e1010619.

Merenciano M, et al. (2023) Two-step CRISPR-Cas9 protocol for transposable element deletion in *D. melanogaster* natural populations. *STAR protocols*, 4(3), 102501.

Kanca O, et al. (2022) An expanded toolkit for *Drosophila* gene tagging using synthesized homology donor constructs for CRISPR-mediated homologous recombination. *eLife*, 11.

Bose M, et al. (2022) Liquid-to-solid phase transition of oskar ribonucleoprotein granules is essential for their function in *Drosophila* embryonic development. *Cell*, 185(8), 1308.

Tang X, et al. (2022) Kinetic principles underlying pioneer function of GAGA transcription factor in live cells. *Nature structural & molecular biology*, 29(7), 665.

Heryanto C, et al. (2022) Efficient hyperactive piggyBac transgenesis in *Plodia* pantry moths. *Frontiers in genome editing*, 4, 1074888.

Nyberg KG, et al. (2022) CRISPR-/Cas9-Mediated Precise and Efficient Genome Editing in *Drosophila*. *Methods in molecular biology* (Clifton, N.J.), 2540, 135.

Wall JM, et al. (2021) CRISPR/Cas9-engineered *Drosophila* knock-in models to study VCP diseases. *Disease models & mechanisms*, 14(7).

Martins T, et al. (2021) The conserved C2 phospholipid-binding domain in Delta contributes to robust Notch signalling. *EMBO reports*, 22(10), e52729.