

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

Chicken Mermaid S188

RRID:Addgene_53617

Type: Plasmid

Proper Citation

RRID:Addgene_53617

Plasmid Information

URL: <http://www.addgene.org/53617>

Proper Citation: RRID:Addgene_53617

Insert Name: Chicken Mermaid S188

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24312287](#)

Vector Backbone Description: Backbone Size:5694; Vector Backbone:pCS2+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The chicken voltage sensitive phosphatase (VSP) sequence used in this construct contains an E14K mutation, when compared to the reference sequence XP_417079.2. This mutation could be polymorphism at the site or a PCR error. The depositing laboratory states that the plasmid functions as described in the associated publication.

Plasmid Name: Chicken Mermaid S188

Relevant Mutation: Gg-VSP contains an R153Q mutation and an amino acid E (GAG) was introduced immediately after the start M (ATG); Gg-VSP is truncated at S189 (S188 in the native Gg-VSP sequence) and the FRET fluorescent protein pair from the voltage probe Mermaid is fused to the C-terminal (after S189).

Record Creation Time: 20220422T222314+0000

Record Last Update: 20260815T081632+0000

Ratings and Alerts

No rating or validation information has been found for Chicken Mermaid S188.

No alerts have been found for Chicken Mermaid S188.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jiao W, et al. (2022) Intact Drosophila central nervous system cellular quantitation reveals sexual dimorphism. eLife, 11.

Walji SD, et al. (2021) Virus matrix interference on assessment of virucidal activity of high-touch surfaces designed to prevent hospital-acquired infections. Antimicrobial resistance and infection control, 10(1), 133.

Martin EW, et al. (2020) Integrative analysis suggests cell type-specific decoding of NF- κ B dynamics. Science signaling, 13(620).

Bonar MM, et al. (2020) Nanoscale flow cytometry reveals interpatient variability in HIV protease activity that correlates with viral infectivity and identifies drug-resistant viruses. Scientific reports, 10(1), 18101.

Bonar MM, et al. (2017) High sensitivity detection and sorting of infectious human immunodeficiency virus (HIV-1) particles by flow virometry. Virology, 505, 80.