

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

pSems StayGold-2xFYVE

RRID:Addgene_222948

Type: Plasmid

Proper Citation

RRID:Addgene_222948

Plasmid Information

URL: <http://www.addgene.org/222948>

Proper Citation: RRID:Addgene_222948

Insert Name: tandem HRS FYVE domain

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38987559](#)

Vector Backbone Description: Backbone Marker:EMD Biosciences; Backbone Size:5202; Vector Backbone:pSEMS(26m); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: StayGold from Addgene #185823 Hirano M, Ando R, Shimozone S, Sugiyama M, Takeda N, Kurokawa H, Deguchi R, Endo K, Haga K, Takai-Todaka R, Inaura S, Matsumura Y, Hama H, Okada Y, Fujiwara T, Morimoto T, Katayama K, Miyawaki A. A highly photostable and bright green fluorescent protein. Nat Biotechnol. 2022 Jul;40(7):1132-1142. doi: 10.1038/s41587-022-01278-2. Epub 2022 Apr 25. Erratum in: Nat Biotechnol. 2022 Sep;40(9):1412. doi: 10.1038/s41587-022-01469-x. PMID: 35468954; PMCID: PMC9287174. 2xFYVE from Addgene #140047 Gillooly DJ, Morrow IC, Lindsay M, Gould R, Bryant NJ, Gaullier JM, Parton RG, Stenmark H. Localization of phosphatidylinositol 3-phosphate in yeast and mammalian cells. EMBO J. 2000 Sep 1;19(17):4577-88. doi: 10.1093/emboj/19.17.4577. PMID: 10970851; PMCID: PMC302054.

Plasmid Name: pSems StayGold-2xFYVE

Record Creation Time: 20250209T090846+0000

Record Last Update: 20260912T094249+0000

Ratings and Alerts

No rating or validation information has been found for pSems StayGold-2xFYVE.

No alerts have been found for pSems StayGold-2xFYVE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.