

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pvLEA22mer_mutant_3_mCh-SspB (pBS1080)

RRID:Addgene_185303

Type: Plasmid

Proper Citation

RRID:Addgene_185303

Plasmid Information

URL: <http://www.addgene.org/185303>

Proper Citation: RRID:Addgene_185303

Insert Name: pvLEA22mer_mutant_3

Organism: P. vanderplanki

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35176859](#)

Vector Backbone Description: Vector Backbone:YK 02 mCh SspB; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid encodes a protein fused to SspB. SspB will bind to iLID upon exposure to blue light. We used it to test for light inducible condensate formations using a scaffold protein (FTH1) bound to iLID which was expressed off a separate plasmid (see pBS1042 for the scaffold protein).

Plasmid Name: pvLEA22mer_mutant_3_mCh-SspB (pBS1080)

Record Creation Time: 20220611T080240+0000

Record Last Update: 20260725T075439+0000

Ratings and Alerts

No rating or validation information has been found for pvLEA22mer_mutant_3_mCh-SspB (pBS1080).

No alerts have been found for pvLEA22mer_mutant_3_mCh-SspB (pBS1080).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.