

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pEB2_mScarletI_mVenusNB-MrkHR113A

RRID:Addgene_182292

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/182292>

Proper Citation: RRID:Addgene_182292

Insert Name: mVenusNB-MrkHR113A

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35131853](#)

Vector Backbone Description: Backbone Marker:J. H. Davis, A. J. Rubin, R. T. Sauer, Design, construction and characterization of a set of insulated bacterial promoters.; Backbone Size:3200; Vector Backbone:pEB2; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: We obtained the codon optimized MrkH sequence from Maria Schumacher, as described in her publication PMID: 27551088

Plasmid Name: pEB2_mScarletI_mVenusNB-MrkHR113A

Relevant Mutation: changed arginine 113 to alanine, MrkH numbering as in PMID: 27551088

Record Creation Time: 20220422T222037+0000

Record Last Update: 20260902T043120+0000

Ratings and Alerts

No rating or validation information has been found for pEB2_mScarletI_mVenusNB-MrkHR113A.

No alerts have been found for pEB2_mScarletI_mVenusNB-MrkHR113A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.