

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pPICZ-pre-Ost1-alphaf(I)-E2-Crimson

RRID:Addgene_117661

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/117661>

Proper Citation: RRID:Addgene_117661

Insert Name: pre-Ost1-alphaf(I)-E2-Crimson

Organism: Other

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:30314480](#)

Vector Backbone Description: Vector Backbone:pPICZalpha; Vector Types:Yeast Expression; Bacterial Resistance:Bleocin (Zeocin)

Comments: Integration plasmid in the pAOX1 locus.

Plasmid Name: pPICZ-pre-Ost1-alphaf(I)-E2-Crimson

Relevant Mutation: This plasmid encodes the fluorescent protein E2-Crimson together with an hibrid secretion signal. This secretion signal is composed by the the signal sequence of Ost1 from *Saccharomyces cerevisiae* and the the native mating alpha factor pro region from *Saccharomyces cerevisiae*. The pro region variant has Ser at position 42 and a trio of point mutations that create an XhoI restriction site while changing Asp83 to Glu in comparison with the native pro sequence.

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260815T080256+0000

Ratings and Alerts

No rating or validation information has been found for pPICZ-pre-Ost1-alpha_f(I)-E2-Crimson.

No alerts have been found for pPICZ-pre-Ost1-alpha_f(I)-E2-Crimson.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.