

Resource Summary Report

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

pBad-mCherry-XL (R125K)

RRID:Addgene_188054

Type: Plasmid

Proper Citation

RRID:Addgene_188054

Plasmid Information

URL: <http://www.addgene.org/188054>

Proper Citation: RRID:Addgene_188054

Insert Name: mCherry-XL (R125K)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35709514](#)

Vector Backbone Description: Backbone Marker:ThermoFisher; Backbone Size:4000; Vector Backbone:pBad His+; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note: The amino acid numbering of mutations is based on the mCherry crystal structure (PDB: 2H5Q), which is missing the first five amino acids.

Plasmid Name: pBad-mCherry-XL (R125K)

Relevant Mutation: differs from mCherry by R125K, W143S, I161V, Q163Y and I197R

Record Creation Time: 20221110T080330+0000

Record Last Update: 20260725T075542+0000

Ratings and Alerts

No rating or validation information has been found for pBad-mCherry-XL (R125K).

No alerts have been found for pBad-mCherry-XL (R125K).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.