

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pDONR223-EGFR

RRID:Addgene_23935

Type: Plasmid

Proper Citation

RRID:Addgene_23935

Plasmid Information

URL: <http://www.addgene.org/23935>

Proper Citation: RRID:Addgene_23935

Insert Name: EGFR

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:21107320](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: The ORF has no Stop codon. This design enables easy recombination into a destination vector to add an epitope tag of choice and Stop codon to the ORF. Do NOT use this plasmid directly for transfections. A set of 4 custom lentiviral vectors is available (pLX301 (<http://www.addgene.org/25895/>) , pLX302 (<http://www.addgene.org/25896/>) , pLX303 (<http://www.addgene.org/25897/>) , pLX304 (<http://www.addgene.org/25890/>)) to be used to express these ORFs in mammalian cells. These plasmids are not included in the kit and must be ordered separately.

Plasmid Name: pDONR223-EGFR

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081227+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-EGFR.

No alerts have been found for pDONR223-EGFR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Strickler JH, et al. (2018) Genomic Landscape of Cell-Free DNA in Patients with Colorectal Cancer. *Cancer discovery*, 8(2), 164.

Li Z, et al. (2017) The OncoPPi network of cancer-focused protein-protein interactions to inform biological insights and therapeutic strategies. *Nature communications*, 8, 14356.

Bartel CA, et al. (2017) HER2-positive breast cancer cells expressing elevated FAM83A are sensitive to FAM83A loss. *PloS one*, 12(5), e0176778.

Werbin JL, et al. (2017) Multiplexed Exchange-PAINT imaging reveals ligand-dependent EGFR and Met interactions in the plasma membrane. *Scientific reports*, 7(1), 12150.

Jia G, et al. (2016) CD166-mediated epidermal growth factor receptor phosphorylation promotes the growth of oral squamous cell carcinoma. *Oral oncology*, 59, 1.

Vouri M, et al. (2016) Axl-EGFR receptor tyrosine kinase hetero-interaction provides EGFR with access to pro-invasive signalling in cancer cells. *Oncogenesis*, 5(10), e266.

Sun C, et al. (2014) Reversible and adaptive resistance to BRAF(V600E) inhibition in melanoma. *Nature*, 508(7494), 118.

Wang DB, et al. (2013) Declines in Drp1 and parkin expression underlie DNA damage-induced changes in mitochondrial length and neuronal death. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 33(4), 1357.