

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pIRES2-EGFP Mer

RRID:Addgene_14998

Type: Plasmid

Proper Citation

RRID:Addgene_14998

Plasmid Information

URL: <http://www.addgene.org/14998>

Proper Citation: RRID:Addgene_14998

Insert Name: Mer

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15673687](#)

Vector Backbone Description: Backbone Marker:BD Biosciences; Backbone Size:5300; Vector Backbone:pIRES2-EGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The full-length mouse Mer (994 amino acids) was cloned from a 16-day-old mouse embryo cDNA library. Addgene's quality control found the closest match to the insert sequence is mouse Mer (AA17-994) Sequence ID: NP_032613.1, with mutations I516V and Q860R. The plasmid should function as described in the associated article listed on the plasmid page above.

Plasmid Name: pIRES2-EGFP Mer

Record Creation Time: 20220422T221831+0000

Record Last Update: 20260815T080719+0000

Ratings and Alerts

No rating or validation information has been found for pIRES2-EGFP Mer.

No alerts have been found for pIRES2-EGFP Mer.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Hayashi SY, et al. (2023) Phosphorylation of Ack1 by the Receptor Tyrosine Kinase Mer. Kinases and phosphatases, 1(3), 167.

Westenskow PD, et al. (2012) Using flow cytometry to compare the dynamics of photoreceptor outer segment phagocytosis in iPS-derived RPE cells. Investigative ophthalmology & visual science, 53(10), 6282.