

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pcDNA3-E2F4

RRID:Addgene_10914

Type: Plasmid

Proper Citation

RRID:Addgene_10914

Plasmid Information

URL: <http://www.addgene.org/10914>

Proper Citation: RRID:Addgene_10914

Insert Name: E2F4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:7892279](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See author's map.

Plasmid Name: pcDNA3-E2F4

Record Creation Time: 20220422T221529+0000

Record Last Update: 20260808T080415+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-E2F4.

No alerts have been found for pcDNA3-E2F4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Du L, et al. (2020) SUMOylation of E2F1 Regulates Expression of EZH2. Cancer research, 80(19), 4212.

Kanakkanthara A, et al. (2019) ZC3H18 specifically binds and activates the BRCA1 promoter to facilitate homologous recombination in ovarian cancer. Nature communications, 10(1), 4632.

Terré B, et al. (2016) GEMC1 is a critical regulator of multiciliated cell differentiation. The EMBO journal, 35(9), 942.

Gu L, et al. (2016) The Histone Demethylase PHF8 Is Essential for Endothelial Cell Migration. PloS one, 11(1), e0146645.

Pletz N, et al. (2013) Transcriptional activation of Odf2/Cenexin by cell cycle arrest and the stress activated signaling pathway (JNK pathway). Biochimica et biophysica acta, 1833(6), 1338.

Bultmann I, et al. (2013) Latent transforming growth factor β -binding protein 4 is downregulated in esophageal cancer via promoter methylation. PloS one, 8(5), e65614.