

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

CBFRE-EGFP

RRID:Addgene_17705

Type: Plasmid

Proper Citation

RRID:Addgene_17705

Plasmid Information

URL: <http://www.addgene.org/17705>

Proper Citation: RRID:Addgene_17705

Insert Name: CBFRE

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17721509](#)

Vector Backbone Description: Backbone Size:3600; Vector Backbone:na; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Ampicillin

Comments: CBFRE: four CBF1-binding elements from EBV (see Hsieh MCB 1996, 16:952) and the basal simian virus 40 (SV40) promoter upstream of EGFP. The sequence of the CBF1 binding element is GATCTGGAGTAACACGCCGTGGGAAAAAATTTATG. The binding site within this sequence is GTGGGAA. A SmaI+XbaI double digest should yield 3.6kb and approx. 1.2kb bands. See Reviews link in right-hand column to view Addgene's diagnostic digest of this plasmid.

Plasmid Name: CBFRE-EGFP

Record Creation Time: 20220422T222022+0000

Record Last Update: 20260808T081310+0000

Ratings and Alerts

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

No alerts have been found for CBFRE-EGFP.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hostetler JE, et al. (2025) The long noncoding RNA Peanut (Gm11454) promotes neurogenesis and rod photoreceptor differentiation during postnatal retinal development. bioRxiv : the preprint server for biology.

Fabra-Beser J, et al. (2021) Differential Expression Levels of Sox9 in Early Neocortical Radial Glial Cells Regulate the Decision between Stem Cell Maintenance and Differentiation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(33), 6969.

Bourges C, et al. (2020) Resolving mechanisms of immune-mediated disease in primary CD4 T cells. EMBO molecular medicine, 12(5), e12112.

Rodrigues DC, et al. (2020) Methylglyoxal couples metabolic and translational control of Notch signalling in mammalian neural stem cells. Nature communications, 11(1), 2018.

Winokur N, et al. (2019) A role for polycystin-1 and polycystin-2 in neural progenitor cell differentiation. Cellular and molecular life sciences : CMLS, 76(14), 2851.

Suzuki IK, et al. (2018) Human-Specific NOTCH2NL Genes Expand Cortical Neurogenesis through Delta/Notch Regulation. Cell, 173(6), 1370.

de Melo J, et al. (2018) Ldb1- and Rnf12-dependent regulation of Lhx2 controls the relative balance between neurogenesis and gliogenesis in the retina. Development (Cambridge, England), 145(9).

de Melo J, et al. (2016) Lhx2 Is an Essential Factor for Retinal Gliogenesis and Notch Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(8), 2391.

Marathe S, et al. (2014) Monitoring Notch activity in the mouse. Methods in molecular biology (Clifton, N.J.), 1187, 115.

Nowotschin S, et al. (2013) A bright single-cell resolution live imaging reporter of Notch signaling in the mouse. BMC developmental biology, 13, 15.