

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pEGFP GR](#)

RRID:Addgene_47504

Type: Plasmid

Proper Citation

RRID:Addgene_47504

Plasmid Information

URL: <http://www.addgene.org/47504>

Proper Citation: RRID:Addgene_47504

Insert Name: Glucocorticoid receptor

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP GR

Record Creation Time: 20220422T222244+0000

Record Last Update: 20260815T081542+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP GR.

No alerts have been found for pEGFP GR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Sekar A, et al. (2026) TMPRSS2-ERG confers resistance of prostate cancer to antiandrogens. *EMBO molecular medicine*, 18(6), 2062.

Erdmann É, et al. (2025) Human-specific genomic evolution of a regulatory network enables fine-tuning of N-cadherin gene expression. *Cellular and molecular life sciences : CMLS*, 82(1), 196.

Gazorpak M, et al. (2023) Harnessing PROTAC technology to combat stress hormone receptor activation. *Nature communications*, 14(1), 8177.

Zhang Z, et al. (2023) Interpretable unsupervised learning enables accurate clustering with high-throughput imaging flow cytometry. *Scientific reports*, 13(1), 20533.

Lengel D, et al. (2022) Glucocorticoid Receptor Overexpression in the Dorsal Hippocampus Attenuates Spatial Learning and Synaptic Plasticity Deficits after Pediatric Traumatic Brain Injury. *Journal of neurotrauma*, 39(13-14), 979.

Caratti B, et al. (2022) The glucocorticoid receptor associates with RAS complexes to inhibit cell proliferation and tumor growth. *Science signaling*, 15(726), eabm4452.

Xu S, et al. (2021) TAZ inhibits glucocorticoid receptor and coordinates hepatic glucose homeostasis in normal physiological states. *eLife*, 10.

Wang Z, et al. (2020) Hepatic miR-192-3p reactivation alleviates steatosis by targeting glucocorticoid receptor. *JHEP reports : innovation in hepatology*, 2(6), 100179.

Femia MR, et al. (2020) Mediator subunit MED1 modulates intranuclear dynamics of the thyroid hormone receptor. *Journal of cellular biochemistry*, 121(4), 2909.

Chen F, et al. (2019) Radiation-induced glucocorticoid receptor promotes CD44+ prostate cancer stem cell growth through activation of SGK1-Wnt/ β -catenin signaling. *Journal of molecular medicine (Berlin, Germany)*, 97(8), 1169.

Williamson M, et al. (2019) PlexinB1 Promotes Nuclear Translocation of the Glucocorticoid Receptor. *Cells*, 9(1).

Kootar S, et al. (2018) Identification of an acute functional cross-talk between amyloid- β and glucocorticoid receptors at hippocampal excitatory synapses. *Neurobiology of disease*, 118, 117.

Hoppstädter J, et al. (2016) Induction of Glucocorticoid-induced Leucine Zipper (GILZ) Contributes to Anti-inflammatory Effects of the Natural Product Curcumin in Macrophages. *The Journal of biological chemistry*, 291(44), 22949.