

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 3, 2026

ATF4 5: 5'ATF4.GFP

RRID:Addgene_21852

Type: Plasmid

Proper Citation

RRID:Addgene_21852

Plasmid Information

URL: <http://www.addgene.org/21852>

Proper Citation: RRID:Addgene_21852

Insert Name: ATF4

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15479734](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4733; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: These pEGFP-based plasmids have NEO^r marker (and not the conventional AMP^r marker). They should be propagated in the presence of 30mcg/ml kanamycin (and not on ampicillin)

Plasmid Name: ATF4 5: 5'ATF4.GFP

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260902T044110+0000

Ratings and Alerts

No rating or validation information has been found for ATF4 5: 5'ATF4.GFP.

No alerts have been found for ATF4 5: 5'ATF4.GFP.

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 [PRECISE-TBI](#) .

Weinem JB, et al. (2026) Targeting glioblastoma mitochondrial metabolism with S-Gboxin induces cytotoxicity under conditions of the tumor microenvironment. *Cell death discovery*, 12(1).

Mariner BL, et al. (2023) Induction of proteasomal activity in mammalian cells by lifespan-extending tRNA synthetase inhibitors. *GeroScience*.

van Galen P, et al. (2018) Integrated Stress Response Activity Marks Stem Cells in Normal Hematopoiesis and Leukemia. *Cell reports*, 25(5), 1109.

Rivera-Reyes A, et al. (2018) YAP1 enhances NF- κ B-dependent and independent effects on clock-mediated unfolded protein responses and autophagy in sarcoma. *Cell death & disease*, 9(11), 1108.

Ishizawa J, et al. (2016) ATF4 induction through an atypical integrated stress response to ONC201 triggers p53-independent apoptosis in hematological malignancies. *Science signaling*, 9(415), ra17.

van Galen P, et al. (2014) The unfolded protein response governs integrity of the haematopoietic stem-cell pool during stress. *Nature*, 510(7504), 268.