Resource Summary Report

Generated by RRID on Aug 18, 2026

p4xSTAT6-Luc2P

RRID:Addgene_35554
Type: Plasmid

Proper Citation

RRID:Addgene_35554

Plasmid Information

URL: http://www.addgene.org/35554

Proper Citation: RRID:Addgene_35554

Insert Name: 4xStat6 promoter

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4267; Vector Backbone:pGL4; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: This plasmid was generated by replacing the HIndIII(blunt)-AdeI fragment of p2xSTAT6-Luc2P (Addgene plasmid 35486) with the KpnI(blunt)-AdeI fragment of p2xSTAT6-Luc2P. The promoter insert consists of four tandem copies of STAT6/cEBP binding sites, a composite element from the human germ line ? promoter. Lab ID for this plasmid: pANG193.

Plasmid Name: p4xSTAT6-Luc2P

Record Creation Time: 20220422T222152+0000

Record Last Update: 20260815T081402+0000

Ratings and Alerts

No rating or validation information has been found for p4xSTAT6-Luc2P.

No alerts have been found for p4xSTAT6-Luc2P.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Tedeschi G, et al. (2024) Monitoring macrophage polarization with gene expression reporters and bioluminescence phasor analysis. bioRxiv : the preprint server for biology.

Kwon BJ, et al. (2024) Nicotiana benthamiana-derived dupilumab-scFv reaches deep into the cultured human nasal epithelial cells and inhibits CCL26 expression. Scientific reports, 14(1), 14558.

Ahn T, et al. (2024) Non-invasive strategy: Developing a topical IL-4R?-specific nanobody for the treatment of allergic airway diseases. Materials today. Bio, 27, 101148.

Xiao J, et al. (2024) 25-Hydroxycholesterol regulates lysosome AMP kinase activation and metabolic reprogramming to educate immunosuppressive macrophages. Immunity, 57(5), 1087.

Baris S, et al. (2023) Severe allergic dysregulation due to a gain of function mutation in the transcription factor STAT6. The Journal of allergy and clinical immunology, 152(1), 182.

Yu T, et al. (2019) Modulation of M2 macrophage polarization by the crosstalk between Stat6 and Trim24. Nature communications, 10(1), 4353.

Hynds RE, et al. (2018) Cross-talk between human airway epithelial cells and 3T3-J2 feeder cells involves partial activation of human MET by murine HGF. PloS one, 13(5), e0197129.

Covarrubias AJ, et al. (2016) Akt-mTORC1 signaling regulates Acly to integrate metabolic input to control of macrophage activation. eLife, 5.

Li J, et al. (2016) Structural basis for DNA recognition by STAT6. Proceedings of the National Academy of Sciences of the United States of America, 113(46), 13015.

Genetos DC, et al. (2014) Impaired osteoblast differentiation in annexin A2- and -A5-deficient cells. PloS one, 9(9), e107482.

Chang HH, et al. (2013) PTPN22 modulates macrophage polarization and susceptibility to dextran sulfate sodium-induced colitis. Journal of immunology (Baltimore, Md. : 1950), 191(5), 2134.

Byles V, et al. (2013) The TSC-mTOR pathway regulates macrophage polarization. Nature communications, 4, 2834.