

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pcDNA3-TLR1-YFP

RRID:Addgene_13014

Type: Plasmid

Proper Citation

RRID:Addgene_13014

Plasmid Information

URL: <http://www.addgene.org/13014>

Proper Citation: RRID:Addgene_13014

Insert Name: Toll-Like Receptor 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6100; Vector Backbone:pcDNA3-YFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The primer for sequencing out the 5' end of the GFP based constructs (GFP/EGFP, CFP, YFP) is 5'- GTCTTGTAGTTGCCGTCGTC -3'

Plasmid Name: pcDNA3-TLR1-YFP

Record Creation Time: 20220422T221724+0000

Record Last Update: 20260808T080739+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-TLR1-YFP.

No alerts have been found for pcDNA3-TLR1-YFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Pandi K, et al. (2023) Porphyromonas gingivalis induction of TLR2 association with Vinculin enables PI3K activation and immune evasion. PLoS pathogens, 19(4), e1011284.

Sun PP, et al. (2023) Cell membrane-bound toll-like receptor-1/2/4/6 monomers and -2 heterodimer inhibit enterovirus 71 replication by activating the antiviral innate response. Frontiers in immunology, 14, 1187035.

Hassan MIA, et al. (2021) The impact of episporic modification of Lichtheimia corymbifera on virulence and interaction with phagocytes. Computational and structural biotechnology journal, 19, 880.

Choi I, et al. (2020) Microglia clear neuron-released ??-synuclein via selective autophagy and prevent neurodegeneration. Nature communications, 11(1), 1386.

Udgata A, et al. (2016) Transduction of Functionally Contrasting Signals by Two Mycobacterial PPE Proteins Downstream of TLR2 Receptors. Journal of immunology (Baltimore, Md. : 1950), 197(5), 1776.

Chesarino NM, et al. (2014) Chemoproteomics reveals Toll-like receptor fatty acylation. BMC biology, 12, 91.

Wang YC, et al. (2014) Toll-like receptor 2/4 heterodimer mediates inflammatory injury in intracerebral hemorrhage. Annals of neurology, 75(6), 876.

Chang CH, et al. (2011) TBK1-associated protein in endolysosomes (TAPE) is an innate immune regulator modulating the TLR3 and TLR4 signaling pathways. The Journal of biological chemistry, 286(9), 7043.