

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

3XFlag DVL2 (WT)

RRID:Addgene_24802
Type: Plasmid

Proper Citation

RRID:Addgene_24802

Plasmid Information

URL: <http://www.addgene.org/24802>

Proper Citation: RRID:Addgene_24802

Insert Name: DVL2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19379695](#)

Vector Backbone Description: Backbone Size:4095; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: 3XFlag DVL2 (WT)

Record Creation Time: 20220422T222110+0000

Record Last Update: 20260815T081234+0000

Ratings and Alerts

No rating or validation information has been found for 3XFlag DVL2 (WT).

No alerts have been found for 3XFlag DVL2 (WT).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Christians A, et al. (2023) Heterozygous variants in the DVL2 interaction region of DACT1 cause CAKUT and features of Townes-Brocks syndrome 2. *Human genetics*, 142(1), 73.

Kim Y, et al. (2022) DIX domain containing 1 (DIXDC1) modulates VEGFR2 level in vasculatures to regulate embryonic and postnatal retina angiogenesis. *BMC biology*, 20(1), 41.

Radaszkiewicz T, et al. (2021) RNF43 inhibits WNT5A-driven signaling and suppresses melanoma invasion and resistance to the targeted therapy. *eLife*, 10.

Paclíková P, et al. (2021) Roles of individual human Dishevelled paralogs in the Wnt signalling pathways. *Cellular signalling*, 85, 110058.

Giebel N, et al. (2021) USP42 protects ZNRF3/RNF43 from R-spondin-dependent clearance and inhibits Wnt signalling. *EMBO reports*, 22(5), e51415.

Yang Y, et al. (2020) FOXM1/DVL2/Snail axis drives metastasis and chemoresistance of colorectal cancer. *Aging*, 12(23), 24424.

Khawaled S, et al. (2020) Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. *Signal transduction and targeted therapy*, 5(1), 43.

Han X, et al. (2019) RASSF10 suppresses lung cancer proliferation and invasion by decreasing the level of phosphorylated LRP6. *Molecular carcinogenesis*, 58(7), 1168.

Strakova K, et al. (2018) Dishevelled enables casein kinase 1-mediated phosphorylation of Frizzled 6 required for cell membrane localization. *The Journal of biological chemistry*, 293(48), 18477.

Fafilek B, et al. (2017) Statins do not inhibit the FGFR signaling in chondrocytes. *Osteoarthritis and cartilage*, 25(9), 1522.

Strakova K, et al. (2017) The tyrosine Y2502.39 in Frizzled 4 defines a conserved motif important for structural integrity of the receptor and recruitment of Disheveled. *Cellular signalling*, 38, 85.

Lin CM, et al. (2017) Apigenin-induced lysosomal degradation of β -catenin in Wnt/ β -catenin signaling. *Scientific reports*, 7(1), 372.

Kim S, et al. (2016) The polycystin complex mediates Wnt/Ca(2+) signalling. *Nature cell biology*, 18(7), 752.

Luo K, et al. (2016) Inhibition of disheveled-2 resensitizes cisplatin-resistant lung cancer cells through down-regulating Wnt/ β -catenin signaling. *Experimental cell research*, 347(1), 105.

Perez JM, et al. (2015) An I β B Kinase-Regulated Feedforward Circuit Prolongs Inflammation. *Cell reports*, 12(4), 537.

Saal HM, et al. (2015) A mutation in FRIZZLED2 impairs Wnt signaling and causes autosomal dominant omodysplasia. Human molecular genetics, 24(12), 3399.