

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

zWnt5b

RRID:Addgene_21282

Type: Plasmid

Proper Citation

RRID:Addgene_21282

Plasmid Information

URL: <http://www.addgene.org/21282>

Proper Citation: RRID:Addgene_21282

Insert Name: Wnt5b

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17185322](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript; Vector Types;; Bacterial Resistance:Ampicillin

Comments: Zebrafish wnt5 (pipetail) cDNA for antisense probe. Full-length ORF plus some (exact sequence not known, likely genbank NM_130937) 5' and 3' UTRs, 1.75kb total insert. Cloned into EcoRI site of pBluescript (there is also an internal EcoRI!). From Phil Inghams' lab, cloned by P. Blader. Used to be called wnt5 and consider by many people to be wnt5a. however, after Gilbert cloned the real wnt5a, it is now known as wnt5b. For antisense zWnt5b: cut w/ XbaI, transcribe w/ T3.

Plasmid Name: zWnt5b

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260725T074424+0000

Ratings and Alerts

No rating or validation information has been found for zWnt5b.

No alerts have been found for zWnt5b.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gutzman JH, et al. (2018) Basal constriction during midbrain-hindbrain boundary morphogenesis is mediated by Wnt5b and focal adhesion kinase. Biology open, 7(11).