



# Open Source Wnt Kit

## **Description:**

The Open Source Wnt Project was initiated to create a collection of standardized Wnt plasmids that are easily accessible to the research community. The project and plasmids were created by Dr. Marian Waterman's group at UC Irvine. These plasmids have been described in.

Detailed information can be found at:

<http://www.addgene.org/wnt/>

## **Reference:**

**A uniform human Wnt expression library reveals a shared secretory pathway and unique signaling activities.** Najdi R, Proffitt K, Sprowl S, Kaur S, Yu J, Covey TM, Virshup DM, Waterman ML. Differentiation. 2012 Sep;84(2):203-13.

**Handling and Storage:** Store glycerol stocks at -80°C and minimize freeze-thaw cycles. To access a plasmid, keep the plate on dry ice to prevent thawing. Using a sterile pipette tip, puncture the seal above an individual well and spread a portion of the glycerol stock onto an agar plate. To patch the hole, use sterile tape or a portion of a fresh aluminum Seal.

**Note:** These plasmid constructs are being distributed to non-profit institutions for the purpose of basic research.

Please contact Addgene at [help@addgene.org](mailto:help@addgene.org) with any questions.

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## Plate Map

	1	2	3	4	5	6	7	8	9	10	11	12
A	Wnt1 STOP	Wnt2 STOP	Wnt2B2 STOP	Wnt3A STOP	Wnt3 STOP	Wnt4 STOP	Wnt5A STOP	Wnt5B STOP	Wnt6 STOP	Wnt7A STOP	Wnt7B STOP	Wnt8A STOP
B	Wnt8B STOP	Wnt9A STOP	Wnt9B STOP	Wnt10A STOP	Wnt10B STOP	Wnt11 STOP	Wnt16 STOP	Wnt1 Non STOP	Wnt2 Non STOP	Wnt2B2 Non STOP	Wnt3A Non STOP	Wnt3 Non STOP
C	Wnt4 Non STOP	Wnt5A Non STOP	Wnt5B Non STOP	Wnt6 Non STOP	Wnt7A Non STOP	Wnt7B Non STOP	Wnt8A Non STOP	Wnt8B Non STOP	Wnt9A Non STOP	Wnt9B Non STOP	Wnt10A Non STOP	Wnt11 Non STOP
D	Wnt16 Non STOP	Wnt10B Non STOP	pcDNA Wnt2	pcDNA Wnt2B2	pcDNA Wnt3A	pcDNA Wnt3	pcDNA Wnt4	pcDNA Wnt5A	pcDNA Wnt5B	pcDNA Wnt6	pcDNA Wnt7A	pcDNA Wnt7B
E	pcDNA Wnt8A	pcDNA Wnt8B	pcDNA Wnt9A	pcDNA Wnt9B	pcDNA Wnt10A	pcDNA Wnt10B	pcDNA Wnt11	pcDNA Wnt16	pcDNA Wnt1 V5	pcDNA Wnt2 V5	pcDNA Wnt2B2 V5	pcDNA Wnt3A V5
F	pcDNA Wnt3 V5	pcDNA Wnt4 V5	pcDNA Wnt5A V5	pcDNA Wnt5B V5	pcDNA Wnt6 V5	pcDNA Wnt7A V5	pcDNA Wnt7B V5	pcDNA Wnt8A V5	pcDNA Wnt8B V5	pcDNA Wnt9A V5	pcDNA Wnt9B V5	pcDNA Wnt10A V5
G	pcDNA Wnt10B V5	pcDNA Wnt11 V5	pcDNA Wnt16 V5	pcDNA Wnt1	Active Wnt1 V5	Active Wnt2B V5	Active Wnt2 V5	Active Wnt3A V5	Active Wnt3 V5	Active Wnt4 V5	Active Wnt5A V5	Active Wnt5B V5
H	Active Wnt6 V5	Active Wnt7A V5	Active Wnt7B V5	Active Wnt8A V5	Active Wnt8B V5	Active Wnt9A V5	Active Wnt9B V5	Active Wnt10A V5	Active Wnt10B V5	Active Wnt11 V5	Active Wnt16 V5	

Instructions: To access a plasmid, keep the plate on dry ice to prevent thawing. Using a sterile pipette tip, puncture the seal above an individual well and spread a portion of the glycerol stock onto an agar plate. To patch the hole, use sterile tape or a portion of a fresh aluminum seal.

Note: Bacterial resistance for yellow colored wells is Kanamycin. Bacterial resistance for white colored wells is Ampicillin.

Please visit [www.addgene.org/wnt](http://www.addgene.org/wnt) for plasmid information.

## How to Cite your Addgene Plasmids in Future Publications (Save for reference)

These plasmids were created by your colleagues. Please acknowledge the Principal Investigator, cite the article in which they were created, and include Addgene in the Materials and Methods of your future publications.

### Information pertinent to your requested plasmids:

*Principal Investigators:* Marian Waterman

*Article Reference:* **A uniform human Wnt expression library reveals a shared secretory pathway and unique signaling activities.** Najdi R, Proffitt K, Sprowl S, Kaur S, Yu J, Covey TM, Virshup DM, Waterman ML. *Differentiation*. 2012 Sep;84(2):203-13. (Pubmed ID: 22784633)

*Addgene:* Wnt Open Source Kit

If you have any questions about how to cite these plasmids, please contact Addgene at [help@addgene.org](mailto:help@addgene.org) or call (617) 225-9000.

Best wishes for many successful publications!

