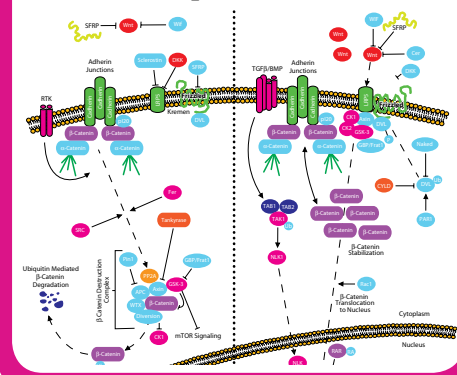


8100 Southpark Way, A-8  
Littleton, CO 80120

## Wnt Signaling Pathway Antibodies



## U.S. AND INTERNATIONAL CUSTOMERS

Phone: 303.730.1950  
888.506.6887  
Fax: 303.730.1966  
Email: [orders@novusbio.com](mailto:orders@novusbio.com)  
Web: [www.novusbio.com](http://www.novusbio.com)

## EUROPEAN CUSTOMERS

### NOVUS EUROPE

Phone: +44 (0)1223 426001  
Fax: +44 (0)871 971 1635  
Email: [europe@novusbio.com](mailto:europe@novusbio.com)

### NOVUS BELGIUM

Phone: +32 2 401 22 53  
Fax: +32 2 401 22 54  
Email: [belgium@novusbio.com](mailto:belgium@novusbio.com)

### NOVUS DENMARK

Phone: +45 36 92 78 17  
Fax: +45 36 92 78 18  
Email: [denmark@novusbio.com](mailto:denmark@novusbio.com)

### NOVUS FINLAND

Phone: +358 9 231 954 48  
Fax: +358 9 231 954 49  
Email: [finland@novusbio.com](mailto:finland@novusbio.com)

### NOVUS FRANCE

Phone: +33 1 76 77 45 30  
Fax: +33 1 76 77 45 31  
Email: [france@novusbio.com](mailto:france@novusbio.com)

### NOVUS GERMANY

Phone: 0800 723 5208  
Fax: +49 0800 58926 79  
Email: [germany@novusbio.com](mailto:germany@novusbio.com)

### NOVUS ITALY

Phone: +39 02 4032 6786  
Fax: +39 02 4032 6340  
Email: [italy@novusbio.com](mailto:italy@novusbio.com)

### NOVUS IRELAND

Phone: +353 1 506 0361  
Fax: +353 1 506 0362  
Email: [ireland@novusbio.com](mailto:ireland@novusbio.com)

## CANADIAN CUSTOMERS

Phone: 905.827.6400  
Phone: 855.668.8722  
Fax: 905.827.6402  
Email: [canada@novusbio.com](mailto:canada@novusbio.com)  
Web: [www.novusbio.com/canada](http://www.novusbio.com/canada)

### NOVUS NETHERLANDS

Phone: +31 2 07168336  
Fax: +31 2 07168337  
Email: [netherlands@novusbio.com](mailto:netherlands@novusbio.com)

### NOVUS NORWAY

Phone: +47 21 03 42 86  
Fax: +47 21 03 42 86  
Email: [norway@novusbio.com](mailto:norway@novusbio.com)

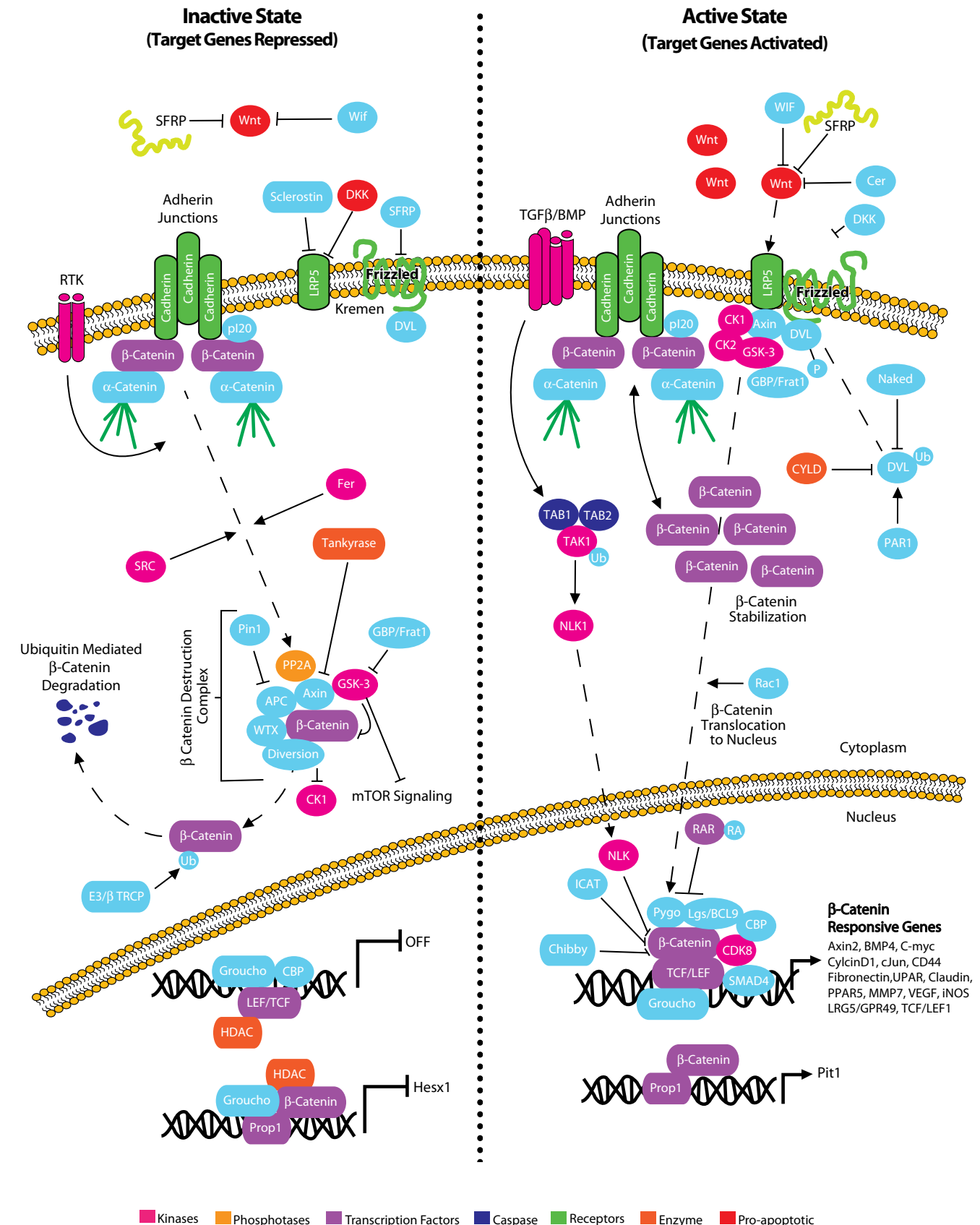
### NOVUS SWEDEN

Phone: +46 (0)856619332  
Fax: +46 (0)856619333  
Email: [sweden@novusbio.com](mailto:sweden@novusbio.com)

For research purposes only.  
Prices subject to change.  
Not for use in humans.

# WNT SIGNALING PATHWAY

The Wnt signaling pathway is a key pathway in embryogenesis and has also been implicated in different cancers. The pathway is well conserved across a variety of organisms. The canonical pathway involves a signal cascade including the Frizzled and Dishevelled protein families and beta-Catenin which ultimately inhibits AXIN, GSK-3, and APC. Additional non-canonical Wnt pathways are involved in regulation of the cytoskeleton and intracellular calcium levels.

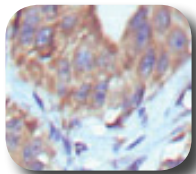


# Thousands of Antibodies for Cell Signaling Research

- Validated Antibodies
- Over 180,000 Products
- Customer Product Reviews
- Thousands of Product Citations

Novus Biologicals offers multiple antibodies for nearly every target in your signaling pathway of interest. Our antibodies have been validated for many applications and we have full validation data as well as recent citations and customers reviews. In addition to our extensive collection of antibodies and antibody related products, we offer a 100% quality guarantee on all of our products.

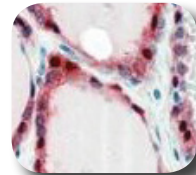
## Wnt5a (6F2) Antibody NBP1-28873



Immuno-histochemical analysis of human lung cancer using NBP1-28873.

Species: Hu  
Applications: WB, ELISA, ICC, IHC-P

## Frizzled 2 Antibody NBP1-20920



Immuno-histochemical analysis of human thyroid gland using NBP1-20920.

Species: Hu, Mu, Rt  
Applications: WB, IHC-P, PEP-ELISA

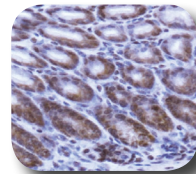
## Dishevelled 3 Antibody NBP1-68660



Immuno-histochemical analysis on human brain tissue using NBP1-68660.

Species: Hu, Mu  
Applications: ELISA, IHC

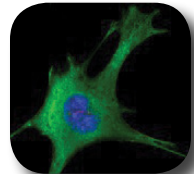
## MMP7 Antibody NBP1-99123



Immuno-histochemical analysis in mouse stomach using NBP1-99123.

Species: Mu  
Applications: IHC-P

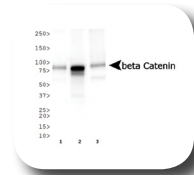
## Wnt1 (10C8) Antibody NBP1-51575



Immuno-fluorescent analysis of 3T3-L1 cells using NBP1-51575.

Species: Hu, Mu  
Applications: WB, ELISA, FACS, IF, IHC-P

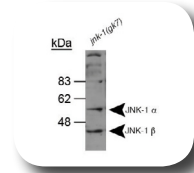
## beta Catenin (12F7) Antibody NBP1-54467



Western blot analysis in 1) HepG2, 2) MCF7, and 3) Cos7 whole cell lysates using NBP1-54467.

Species: Hu, Mu, Rt, Ch, Mk  
Applications: WB, ICC, IF, IHC-P, IP

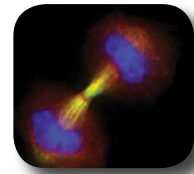
## JNK1 Antibody NB100-1925



Western blot analysis of JNK-1 overexpression lysate using NB100-1925.

Species: Ce  
Applications: WB, ELISA, IHC-P

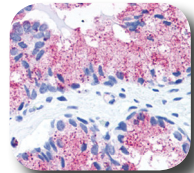
## Survivin Antibody NB500-201



Immuno-fluorescent analysis of telophase in the midbodies of two daughter cells using NB500-201.

Species: Hu, Mu, Rt, Ca, Fe  
Applications: WB, ChIP, ICC, IF, IHC-P, IP

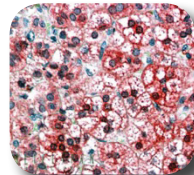
## Frizzled-1 Antibody NLS4150



Immuno-histochemical analysis on prostate using NLS4150.

Species: Hu  
Applications: IHC-P

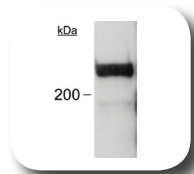
## Axin 1 Antibody NB100-1011



Immuno-histochemical analysis on human adrenal cortex using NB100-1011.

Species: Hu  
Applications: PEP-ELISA

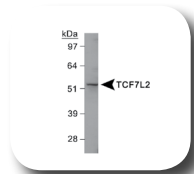
## KAT3B/p300 (RW128) Antibody NB100-507



Western blot analysis of p300 in HeLa nuclear extract using NB100-507.

Species: Hu, Mu, Rt, Mk  
Applications: WB, IF, IP

## TCF7L2 Antibody NBP1-19083



Western blot analysis on Jurkat cell line using NBP1-19083.

Species: Hu, Mu, Bv  
Applications: WB

## Wnt Antibodies

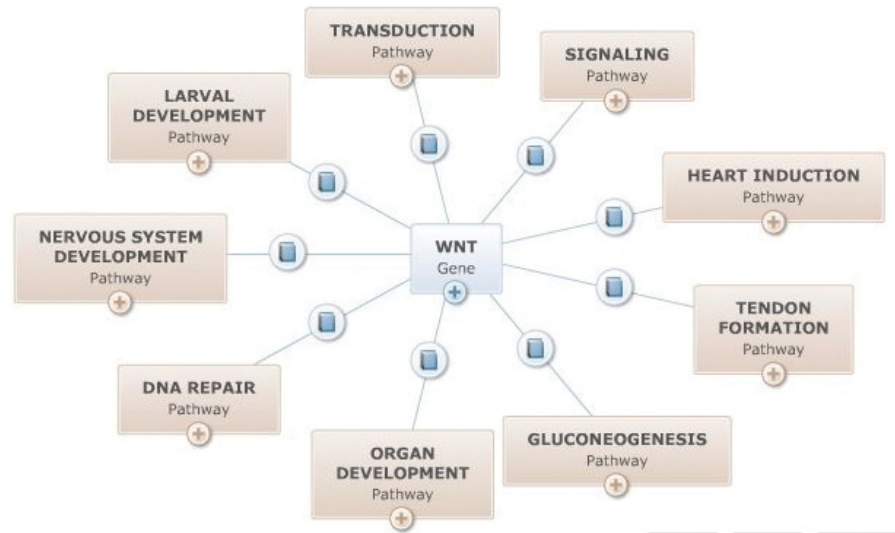
| Name         | Catalog#   | Clonality  | Species            | Application              |
|--------------|------------|------------|--------------------|--------------------------|
| Wnt1         | NB600-841  | Polyclonal | Hu, Mu, Rt         | WB, IHC-P                |
| Wnt2         | NBP1-45929 | Polyclonal | Hu, Mu, Rt         | WB                       |
| Wnt2b        | NBP1-53120 | Polyclonal | Hu, Mu, Rt, Ca     | WB, IHC-P                |
| Wnt3         | NBP1-56996 | Polyclonal | Hu                 | WB                       |
| Wnt3a (3A6)  | NBP1-19050 | Monoclonal | Hu                 | WB, ELISA, IHC-P, PAGE   |
| Wnt4         | NBP1-45930 | Polyclonal | Hu, Mu, Rt         | WB                       |
| Wnt5a (6F2)  | NBP1-28873 | Monoclonal | Hu                 | WB, ELISA, ICC, IHC-P    |
| Wnt5b        | 23010002   | Polyclonal | Hu                 | WB, ELISA, IHC-P         |
| Wnt6         | NBP1-45931 | Polyclonal | Hu, Mu, Rt         | WB                       |
| Wnt7a        | 23030002   | Polyclonal | Hu                 | WB, ELISA, IHC-P         |
| Wnt7b        | NBP1-59564 | Polyclonal | Hu, Mu, Rt, Ch, Xp | WB, IHC-P                |
| Wnt8a        | 23050002   | Polyclonal | Hu                 | WB, ELISA, IHC-P         |
| Wnt8b        | NBP1-39604 | Polyclonal | Hu                 | IHC-P                    |
| Wnt10a       | NBP1-76916 | Polyclonal | Hu, Mu, Rt         | WB, ELISA, IHC-P         |
| Wnt10b (5A7) | NBP1-47541 | Monoclonal | Hu                 | WB, ELISA, IHC-Fr, IHC-P |
| Wnt11        | NBP1-31406 | Polyclonal | Hu, Mu             | WB, IF, IHC-P            |
| Wnt16        | NBP1-52878 | Polyclonal | Hu                 | WB                       |

## Frizzled Antibodies

| Name        | Catalog#    | Clonality  | Species    | Application      |
|-------------|-------------|------------|------------|------------------|
| Frizzled-1  | NBP1-70959  | Polyclonal | Hu         | WB, ELISA        |
| Frizzled-2  | NBP1-70961  | Polyclonal | Hu, Mu, Rt | WB, ELISA, IF    |
| Frizzled-3  | NBP1-70962  | Polyclonal | Hu, Mu     | ELISA, IF        |
| Frizzled-4  | NBP1-70963  | Polyclonal | Hu, Mu, Rt | ELISA, IF        |
| Frizzled-5  | NBP1-71026  | Polyclonal | Hu, Mu, Rt | WB, ELISA, IF    |
| Frizzled-6  | NBP1-70964  | Polyclonal | Hu         | ELISA, IF        |
| Frizzled-7  | NBP1-70965  | Polyclonal | Hu, Mu     | WB, ELISA, IF    |
| Frizzled-8  | NBP1-71027  | Polyclonal | Hu, Mu, Rt | WB, ELISA        |
| Frizzled-9  | NB100-94906 | Polyclonal | Hu         | IHC-P, PEP-ELISA |
| Frizzled-10 | NBP1-70960  | Polyclonal | Hu, Mu     | WB, ELISA        |

## Popular Wnt Signaling Pathway Antibodies

| Name                     | Catalog#    | Clonality  | Species                                    | Application                                      |
|--------------------------|-------------|------------|--------------------------------------------|--------------------------------------------------|
| APC (CC1)                | NB600-1021  | Monoclonal | Hu, Mu, Rt                                 | ICC, IF, IHC-Fr, IHC-P                           |
| Axin 2                   | NBP1-76526  | Monoclonal | Hu, Mu, Rt                                 | WB, ELISA                                        |
| beta Catenin (12F7)      | NBP1-54467  | Monoclonal | Hu, Mu, Rt, Ch, Mk                         | WB, ICC, IF, IHC-P, IP                           |
| beta TrCP                | NBP1-33301  | Polyclonal | Hu                                         | WB                                               |
| CaMKII alpha (669)       | NB100-1983  | Monoclonal | Hu, Mu, Rt, Bv                             | WB, ELISA, IF, IHC-P, IP, RIA                    |
| CHD8                     | NB100-60417 | Polyclonal | Hu                                         | WB, IP                                           |
| c-Myc (9E10)             | NB600-302   | Monoclonal | Hu, Mu, Dr                                 | WB, ELISA, FACS, ICC, IF, IHC, IHC-Fr, IP, IHC-P |
| Cyclin D1                | NB100-2034  | Polydonal  | Hu, Mu, Rt                                 | WB, ELISA, IP                                    |
| CYLD                     | NB110-95574 | Polydonal  | Hu, Mu, Bv, Mk                             | WB                                               |
| Cytokeratin 1 (LHK1)     | NB100-2756  | Monoclonal | Hu                                         | WB, ICC, IF, IHC-Fr, IHC-P                       |
| Dishevelled 2            | NBP1-49714  | Polydonal  | Hu                                         | WB, IP                                           |
| GSK3 beta (3D10)         | NBP1-47470  | Monoclonal | Hu, Mu, Rt, Mk                             | WB, ELISA, FACS, IF, IHC-P                       |
| JNK1                     | NB100-1925  | Polydonal  | Ce                                         | WB, ELISA, IHC-P                                 |
| KAT3B/p300 (RWR8)        | NB100-507   | Monoclonal | Hu, Mu, Rt, Mk                             | WB, IF, IP                                       |
| LRP5                     | NB100-1886  | Polydonal  | Hu                                         | IHC, PEP-ELISA                                   |
| MMP7                     | NBP1-99123  | Polydonal  | Mu                                         | IHC-P                                            |
| mTOR                     | NB100-240   | Polyconal  | Hu, Rt                                     | ICC, IP, PLA                                     |
| NKD1                     | NBP1-55270  | Polydonal  | Hu, Mu, Rt, Bv, Ch                         | WB, IHC-P                                        |
| NKD2                     | NBP1-54733  | Polydonal  | Hu, Rt                                     | WB                                               |
| p53                      | NBP1-72176  | Polydonal  | Hu, Mu, Rt                                 | WB, ELISA, IHC-P, IP                             |
| PKC alpha (ML5)          | NB200-586   | Monoclonal | Hu, Mu, Rt, Bv, Ca, Fi, Ge, Mk, Po, Rb, Sh | WB, FACS, IF, IHC-P, IP                          |
| PP2A alpha               | NBP1-61397  | Polydonal  | Hu, Mu, Rt                                 | WB, ELISA, IF, IHC                               |
| Presenilin 1             | NBP1-67672  | Polydonal  | Hu, Mu                                     | ELISA, IHC                                       |
| SFRP1                    | NBP1-51926  | Polydonal  | Hu                                         | IHC-P, PEP-ELISA                                 |
| Smad3 [pSer423, pSer425] | NBP1-02430  | Polydonal  | Hu                                         | WB, ELISA, IF, IHC-P                             |
| Survivin                 | NB500-201   | Polydonal  | Hu, Mu, Rt, Ca, Fe                         | WB, ChIP, ICC, IF, IHC-P, IP                     |
| Tankyrase                | NB100-186   | Polydonal  | Hu                                         | WB                                               |
| TCF7L2                   | NBP1-19083  | Polydonal  | Hu, Mu, Bv                                 | WB                                               |
| TGF beta                 | NBP1-72193  | Polydonal  | Hu, Mu, Rt                                 | WB, ELISA, IHC-P, IP                             |
| VANGL1                   | NBP1-68702  | Polydonal  | Hu, Mu                                     | WB, ELISA                                        |
| WIF1 (1G5)               | NBP1-51658  | Monoclonal | Hu                                         | WB, ELISA, IF, IHC-P                             |



## Explore Your Pathways With Novus Explorer

This free bioinformatics tool is designed to facilitate scientific exploration of related genes, diseases and pathways based on co-citations. For more information visit [www.novusbio.com/explorer](http://www.novusbio.com/explorer).