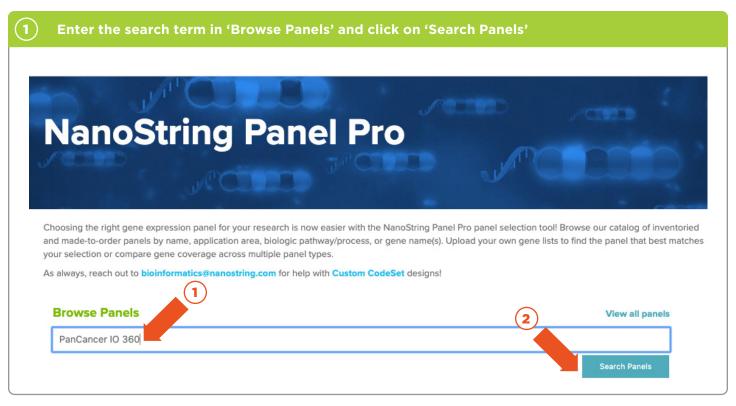
NanoString Panel Pro User Guide

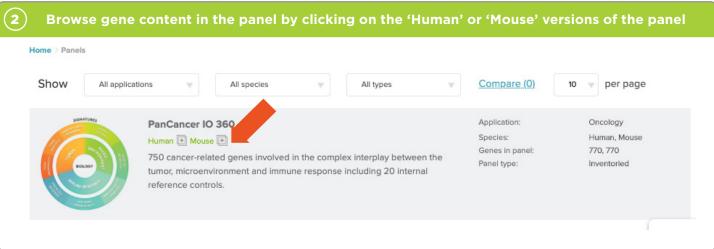
Panel Pro is an interactive tool on the NanoString website designed to help you browse nCounter* gene expression panels by application area, pathway, biological process, and/or gene(s). Search our library of inventoried and made-to-order panels for particular genes or upload a gene list to compare your own curated content with specific panels. Compare your gene list to multiple panels or compare multiple panels to each other. As always, please contact bioinformatics@nanostring.com for help with Custom CodeSet designs!

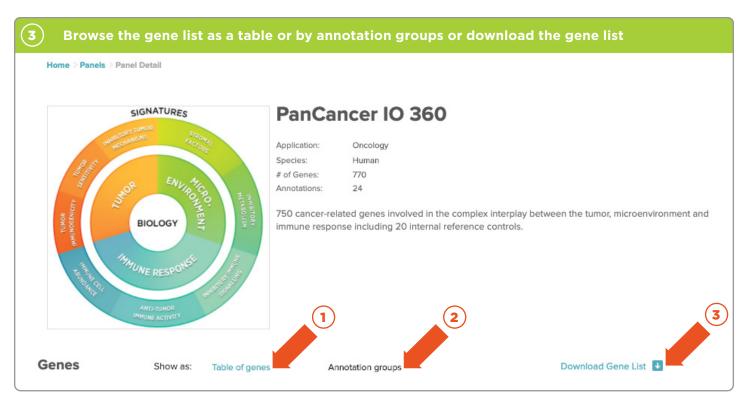
In this user guide, you'll learn how to search for a panel, application area, pathway, or biological process as well as to search for particular genes and compare panels to one another or to an uploaded gene list.

Let's get started!

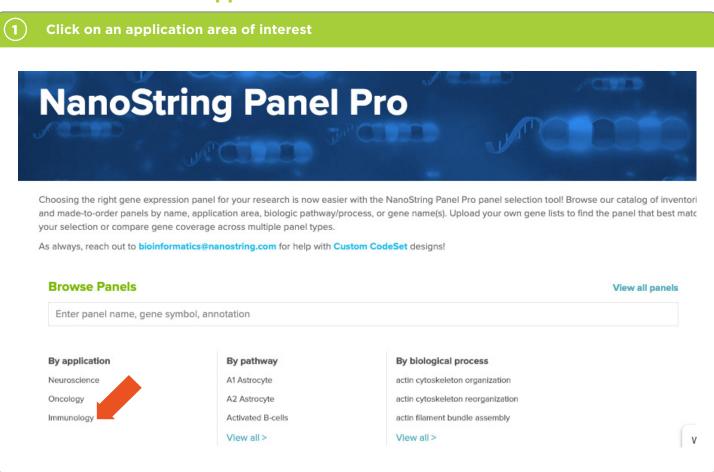
How to Search for a Panel







How to Search for an Application Area





View the list of panels in the selected application area



Myeloid Innate Immunity V2

Human 🖭 Mouse 🖭

The human and mouse nCounter Myeloid Innate Immunity panels are designed to encompass all aspects of the myeloid innate immune response for use in basic and translational.... show more

Application: Species: Genes in panel:

Panel type:

Immunology, Oncology Human, Mouse 770. 754 Inventoried



Allergic Response

Human 🔹 Mouse 🕩

This gene list contains 90 genes for the study of the allergic response and 6 reference genes to be used for normalization. The allergic immune response is characterized show more

Application: Species: Genes in panel:

Panel type:

Immunology Human, Mouse 96.90 Made to order

View all panels

How to Search for a Pathway

Click on 'View All' underneath the 'By pathway' section and scroll to find the pathway of choice

Browse Panels

Enter panel name, gene symbol, annotation

By application

Neuroscience

Oncology

Immunology



A2 Astrocvte Activated B-cells

View all >

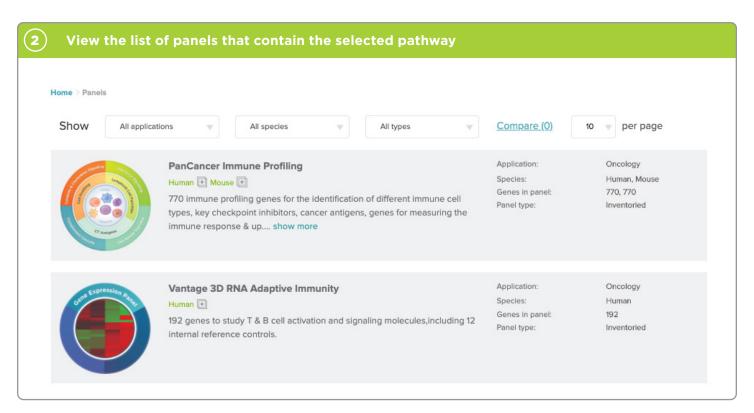
By biological process

actin cytoskeleton organization actin cytoskeleton reorganization

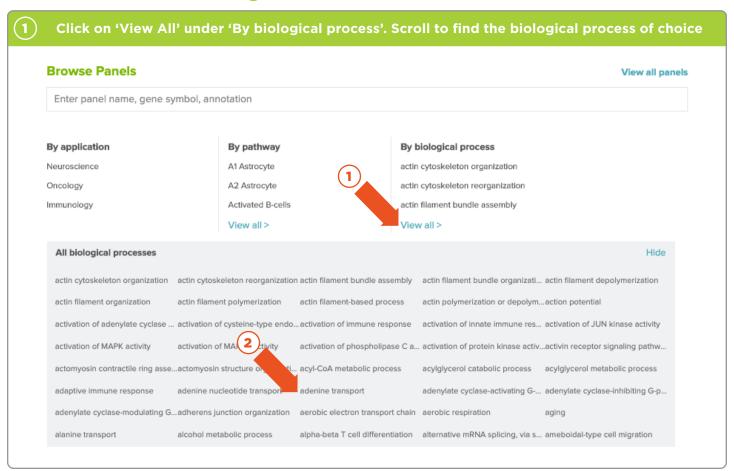
actin filament bundle assembly

View all >

All pathways Hide Activation Activation Markers Adaptive Adaptive Immune Response Adaptive Immune System Adaptive Immunity Adenosine Pathway Adhesion Adhesion and Migration Amino Acid Synthesis Amino Acid Transporters AMPK Androgen Signaling Angiogenesis Angiogenesis Response Antigen Presentation Antigen Processing Antigen Processing and Present...Antigen Recognition and Prese... Apoptosis Apoptosis & Cell Cycle Regulati... Apoptosis & DNA Apoptosis and Cell Killing Arginine Metabolism Astrocyte Differentiation/Function Astrocyte Function Astrocyte Markers Autoantigens Autophagy Axon and Dendrite Structure B-cell activation B-cell Function B-cell Functions B-cell proliferation B-cell Receptor Signaling Base Excision Repair Basic Cell Functions Basal Lamina Basement Membrane B-cell Signaling



How to Search for a Biological Process





View the list of panels that contain the selected biological process



CAR-T Characterization

Human 🖭

770 CAR-T related genes plus 10 internal reference controls.

Application:

Panel type:

Species: Genes in panel: Oncology

Human 780 Inventoried



Myeloid Innate Immunity V2

Human Mouse

The human and mouse nCounter Myeloid Innate Immunity panels are designed to encompass all aspects of the myeloid innate immune response for use in basic and translational.... show more

Application: Species:

Species: Genes in panel: Panel type: Immunology, Oncology

Human, Mouse 770, 754 Inventoried



PanCancer Pathways

Human 🖭 Mouse 🗈

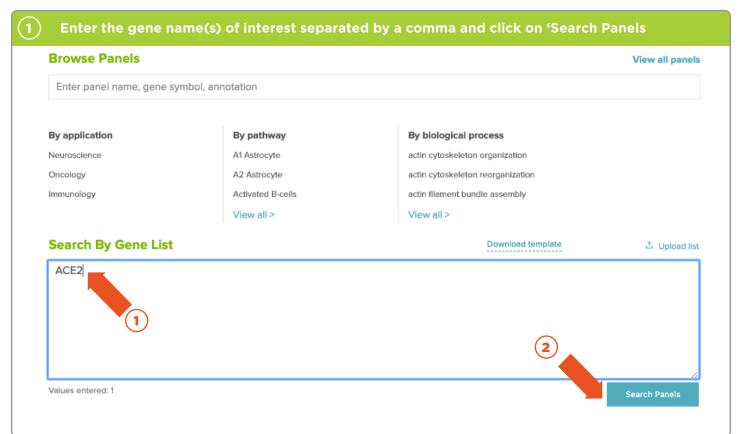
770 genes for essential cancer pathways including 40 internal reference controls for the human panel & 20 for the mouse panel.

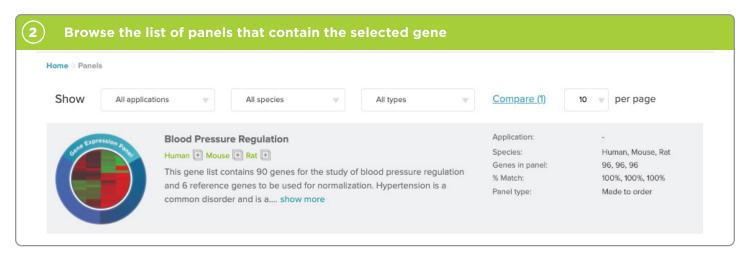
Application: Species: Genes in panel:

Panel type:

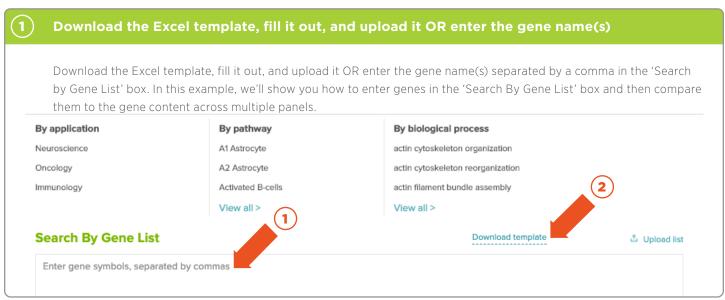
Oncology Human, Mouse 770, 770 Inventoried

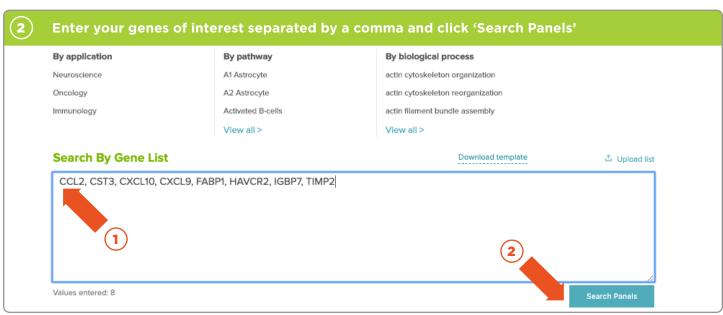
How to Search for a Gene

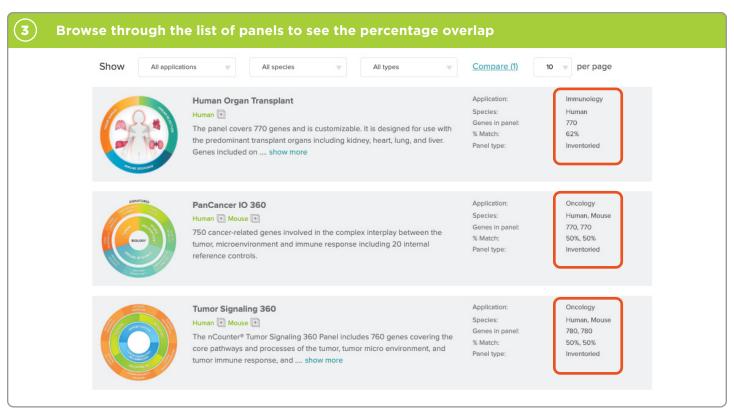


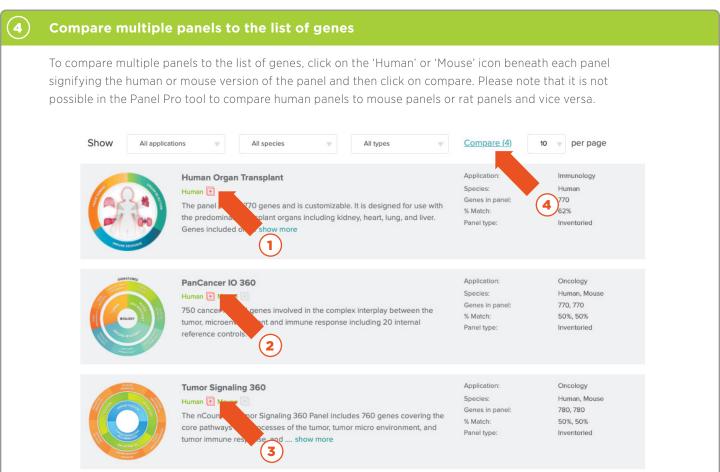


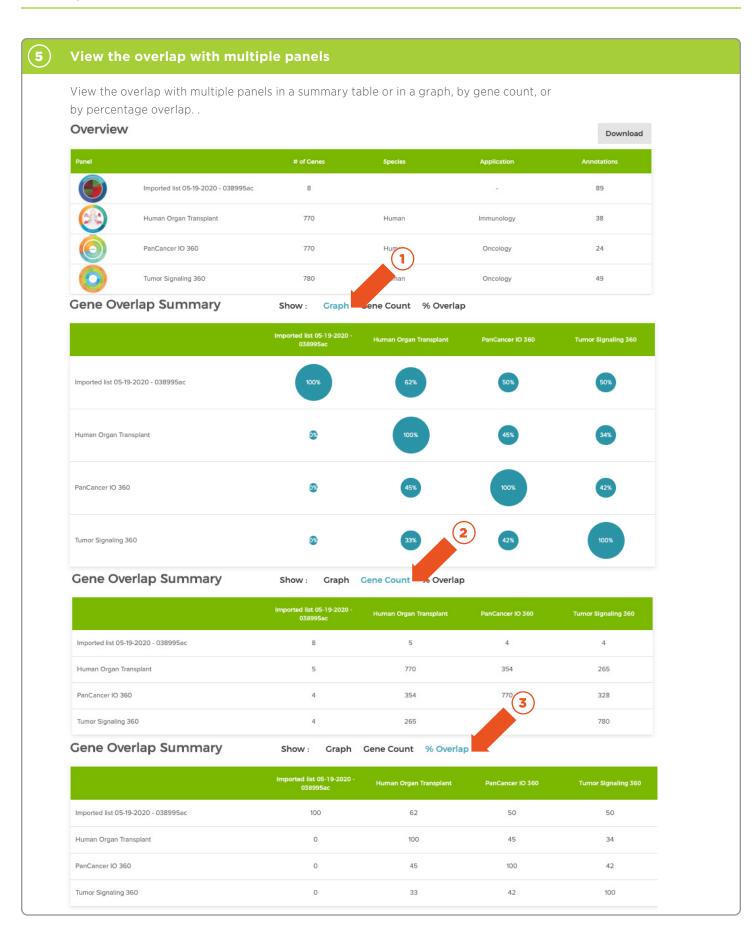
How to Upload a Gene List and Compare it to Panel Content











Gene Overlap



You can also view the overlap as a table with all the gene names as well as the annotations common between panel first alphabetical order

Cene Symbol	Imported list 05-19-2020 - 038995ac	Human Organ Transplant	PanCancer IO 360	Tumor Signaling 360
CCL2	~	~	~	~
CXCL10	~	~	~	~
CXCL9	~	~	~	~
HAVCR2	~	~	~	~
IL10		~	~	~
TBX21		~	~	~
JAK3		~	~	~
CCR5		~	~	_

Annotation Coverage

Annotation	Imported list 05-19-2020 - 038995ac	Human Organ Transplant	PanCancer IO 360	Tumor Signaling 360
Activated Microglia	1	0	0	0
Activation	4	0	0	0
Adaptive	3	0	0	0

Click on the 'Download' button to view the overlap report

Show:

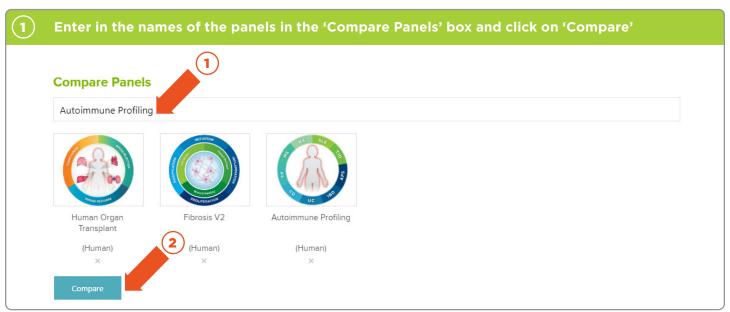
Click on the 'Download' button to view the overlap report as an Excel file with separate tabs for a gene view, annotation view, and a summary view.

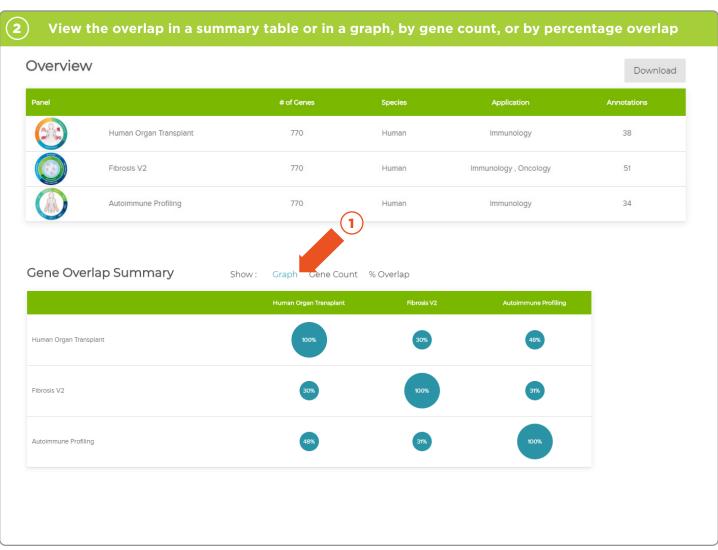


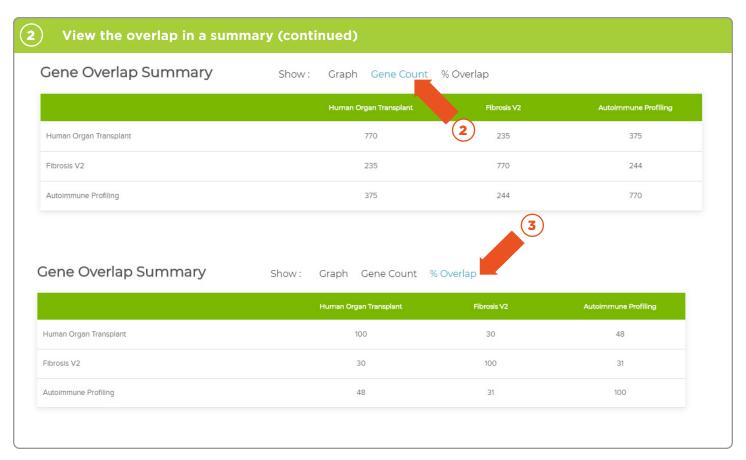
Overview

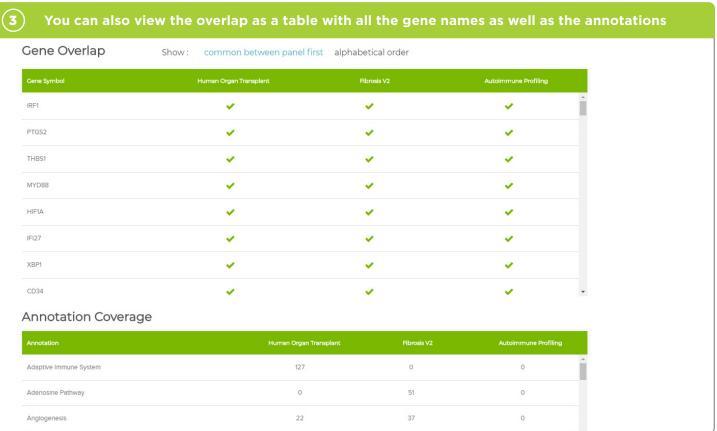
Panel		# of Genes	Species	Application	Annotations
	Imported list 05-19-2020 - 038995ac	8		(2)	89
	Human Organ Transplant	770	Human	Immunology	38
	PanCancer IO 360	770	Human	Oncology	24
	Tumor Signaling 360	780	Human	Oncology	49

How to Compare Panels to One Another











Click on the 'Download' button to view the overlap report

Click on the 'Download' button to view the overlap report as an Excel file with separate tabs for a gene view, annotation view, and a summary view.

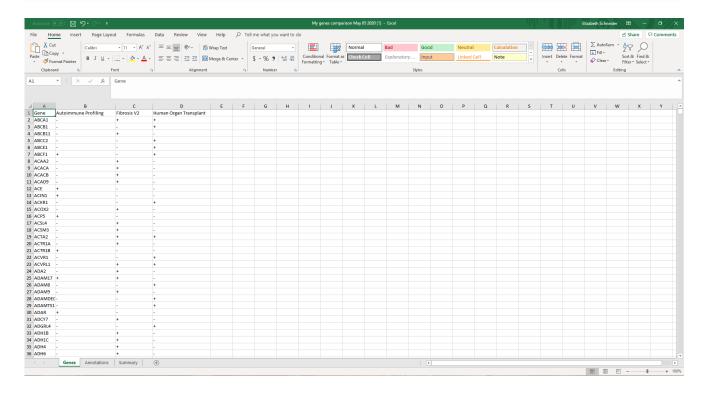
Home > Panels > Compare

Compare Panels

Overview



Panel		# of Genes	Species	Application	Annotations
(6A)	Human Organ Transplant	770	Human	Immunology	38
	Fibrosis V2	770	Human	Immunology , Oncology	51
	Autoimmune Profiling	770	Human	Immunology	34



For more information, please visit nanostring.com

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nanostring.com support@nanostring.com Additional Customer Resources

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