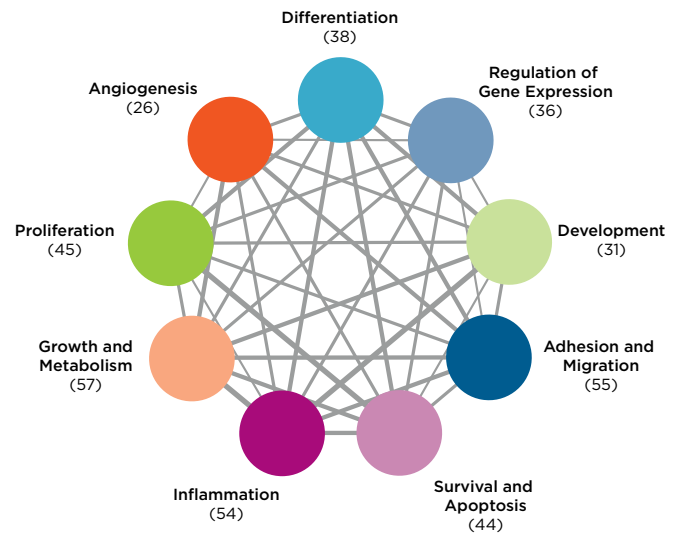


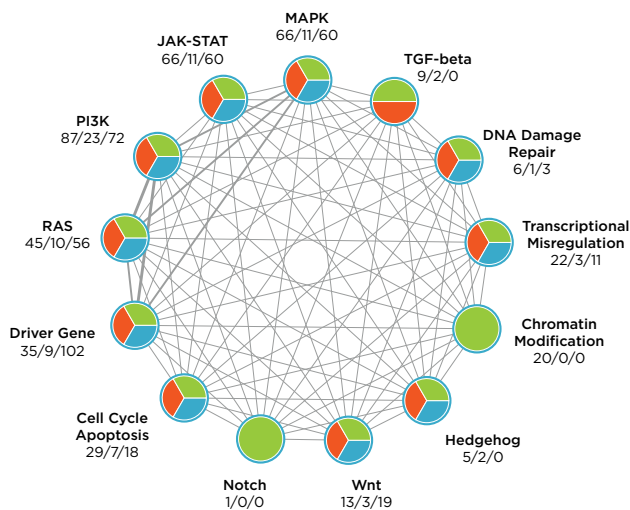
NEW: nCounter® Vantage 3D™ RNA MAPK-PI3K Pathways Panel

The Mitogen Activated Protein Kinase (MAPK) and Phosphoinositide-3-Kinase (PI3K) pathways control key cellular processes in development, homeostasis, and disease. A variety of extracellular signals converge on these pathways, leading to the expression of genes controlling multiple cellular and tissue-level functions. Highlighting the central importance of these pathways, many transcriptional studies have elucidated the genes induced or repressed by MAPK and PI3K signaling. Seminal publications focused on MAPK and PI3K research and signature development were collated and scored to develop a curated gene set measuring transcriptional activity of these key pathways on the nCounter® platform. The Vantage 3D RNA MAPK-PI3K Pathways panel represents the diverse set of biological functions that the MAPK and PI3K pathways modulate as crucial mediators of biological activity.



Number of genes representing each annotation.
Panel includes 192 human genes including 12 internal reference controls.

Vantage 3D Solid Tumor Assay Content



Multi-analyte representation of 13 canonical cancer pathways.
Green = Vantage 3D RNA MAPK-PI3K Pathways
Blue = Vantage 3D DNA SNV Solid Tumor
Orange = Vantage 3D Protein Solid Tumor

The Vantage 3D RNA MAPK-PI3K Pathways panel was designed as part of our Vantage 3D Solid Tumor offering. This new panel can easily be used with the Vantage 3D DNA SNV Solid Tumor panel and Vantage 3D Protein Solid Tumor panel to simplify your workflow and data analysis by comparing genotype and gene and protein expression in a single view.