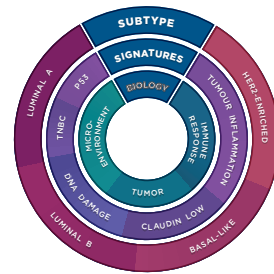


Breast Cancer 360™ Data Analysis Report

The nCounter® Breast Cancer 360™ panel and data analysis report provides a unique 360° view of gene expression for the breast tumor microenvironment and immune response.

BC 360 Panel Content

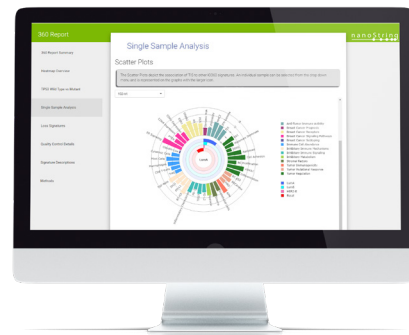
- Expertly curated, comprehensive content- 776 genes including new content to support the development of new signatures
- Expanded evaluation of breast cancer subtypes includes: PAM50 signature, triple negative breast cancer signature, and claudin-low signature
- 48 signatures across 13 categories of breast cancer tumor biology, including the Tumor Inflammation Signature (TIS) and PAM50 signatures



Breast Cancer Prognosis	Risk of Recurrence (ROR) / Genomic Risk							
Breast Cancer Subtyping	PAM50 Molecular Subtypes	Luminal A Correlation Value (PAM50)	Luminal B Correlation Value (PAM50)	HER2-Enriched Correlation Value (PAM50)	Basal-like Correlation Value (PAM50)	Claudin-Low Subtype Score	Triple Negative Subtype	
Breast Cancer Receptors	ESR1 Gene Expression	PGR Gene Expression	ERBB2 Gene Expression	AR Gene Expression				
Breast Cancer Signaling Pathways	ER Signaling	PTEN Gene Expression	CDK4 Expression	CDK6 Expression				
Tumor Mutational Response	HRD	BRCA	p53					
Tumor Regulation	Proliferation (PAM50)	Apoptosis	Differentiation	FOXA1 Gene Expression	Cell Adhesion	Mammary Stemness	RB1 Gene Expression	SOX2 Gene Expression
Tumor Immunogenicity	APM (Antigen Processing Machinery)							
Stromal Factors	Endothelial Cells	Stromal Abundance						
Inhibitory Metabolism	Hypoxia							
Inhibitory Immune Mechanisms	IDO1 Expression	PD-L1 Gene Expression	B7-H3	TGF-Beta				
Anti-Tumor Immune Activity	Tumor Inflammation Signature (TIS)	Interferon Gamma Signaling	MHC Class II Antigen Presentation	Cytotoxicity				
Inhibitory Immune Signaling	Inflammatory Chemokines	TIGIT Gene Expression	PD-L2 Gene Expression	PD-1 Gene Expression				
Immune Cell Abundance	Cytotoxic Cell	CD-8+ T Cell	Macrophage	Mast Cell	Treg			

Breast Cancer 360 Data Analysis Report

- Interactive reports prepared by NanoString experts
- PAM50 intrinsic subtype provided for each sample to determine luminal A, luminal B, HER2-enriched, or basal-like subtypes. (The correlation value to each subtype is also provided for samples run on BC 360)
- Tumor Inflammation Score (TIS) to determine “hot” and “cold” tumors
- Sample signature score in relation to response, treatment, and survival (if annotations available)
- All data undergoes QC and normalization
- One hour report out and consultation with an expert analyst.



For more information, visit nanosttring.com

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