

Theralink Panel for Breast Cancer

Receptor Tyrosine Kinases

ALK Y1604
EGFR T654
EGFR Y1068
FGFR Y653 Y654
HER2
HER2 Y1248
HER3 Y1289
MET Y1234 Y1235
PDGFR β Y751
Ret Y905
VEGFR2 Y951

Cellular Tyrosine Kinase

Src Y416

DNA Damage Response

γ H2AX S139

Hormone Receptors

Androgen Receptor
Androgen Receptor splice variant
7 (AR-V7)

Immune Checkpoint

MHCII
PDL1

Signal Transduction Pathways

AKT-mTOR Signaling

4EBP1 S65
AKT S473
AKT T308
mTORC1 S2448
p70S6K T389
S6RP S235 S236

CDK Signaling

FoxM1 T600
Rb S780

Integrin Signaling

Paxillin Y118

JAK/STAT Signaling

JAK2 Y1007 Y1008
STAT3 Y705

MAPK Signaling

ERK1/2 T202 Y204
MEK1/2 S217 S221

Proliferation Marker

Ki-67
TROP2