

NFKB WNT/BETA CATENIN TGF BETA JAK/STAT DNA REPAIR G2M CHECKPOINT **APOPTOSIS** NOTCH SIGNALING ERFERON ALPHA ERFERÓN GAMMA HEDGEHOG SIGNALING PI3K/AKT/MTOR MTORC1 E2F ĒΜΊ INFLAMMATORY RESPONSE FATTY ACID METABOLISM OXIDATIVE PHOSPHORYLATION **GLYCOLYSIS** ROS P53 IL2/STAT5 KRAS CHROMOSOMAL INSTABILITY HYPOXIA INVASIVENESS POTENTIAL EPIGENETIC STEM CELL TNF ANGIOGENESIS

IMMUNE RESPONSE

Patient—01
Patient—02
Patient—06
Patient—06
Patient—08
Patient—08
Patient—17
Patient—17
Patient—17
Patient—17
Patient—17
Patient—20
Patient—20
Patient—22
Patient—22
Patient—28
Patient—28