



signals

NRAGE, NRIF (12/13) JNK NRAGE

receptor-mediated Cell NADE

Signaling death NTR p75

signalling Death Receptor

dependent signaling

CD28 co-stimulation PI3K/Akt

GTPase cycle CDC42 RAC1

Signaling VEGF VEGFA-VEGFR2

proapoptotic

NF-kappa-B Regulation TNFR1

signaling TNFR1-induced TNF

Regulation

activates messengers second PTEN

signaling AKT Intracellular PIP3

translational ROBOs Regulation SLITs

subunit subunits synthesis targeting

response ribosomal silencing starvation

hydrolysis mRNA membrane receptors

cotranslational deficiency elongation

Termination Transcription acid amino

SRP-dependent Selenocysteine Signaling

RNA ROBO Replication Response

Formation GTP L13a-mediated Peptide

Ceruloplasmin EIF2AK4 Elongation

(GCN2) Cap-dependent Cellular

Viral Infection Initiation expression

Complex Exon Junction Mediated

Eukaryotic Infection (E10)

(BCR) Cell Receptor Signaling TCR

signaling (FCERI) Fc epsilon receptor

proteins

ELISA

members transcriptional

Downregulation SMAD2/3:SMAD4 TGFB

Transcriptional regulates transcription

Complex Receptor TGF-beta

heterotrimer Signaling activity

complex damage replication

synthesis PCNA-containing Recognition

DNA GG-NER Gap-filling ligation repair

mutants point

ALK Signaling activated cancer fusions

interactions

Infection SARS-CoV-1 SARS-CoV-1-host

GTPase cycle RAC2 RAC3

repeat rich signaling

Nucleotide-binding domain, leucine receptor

activation mediates p38 (NLR)

MAPK MOD1/2 Signaling TAK1 activated

Expression

Degradation Regulation TP53

rRNA cytosol nucleolus nucleus

activate

GTPases RHO Activate CIT ROCKs

regulated

Regulation death necroptotic necrosis

Necrosis RIPK1-mediated Regulated

