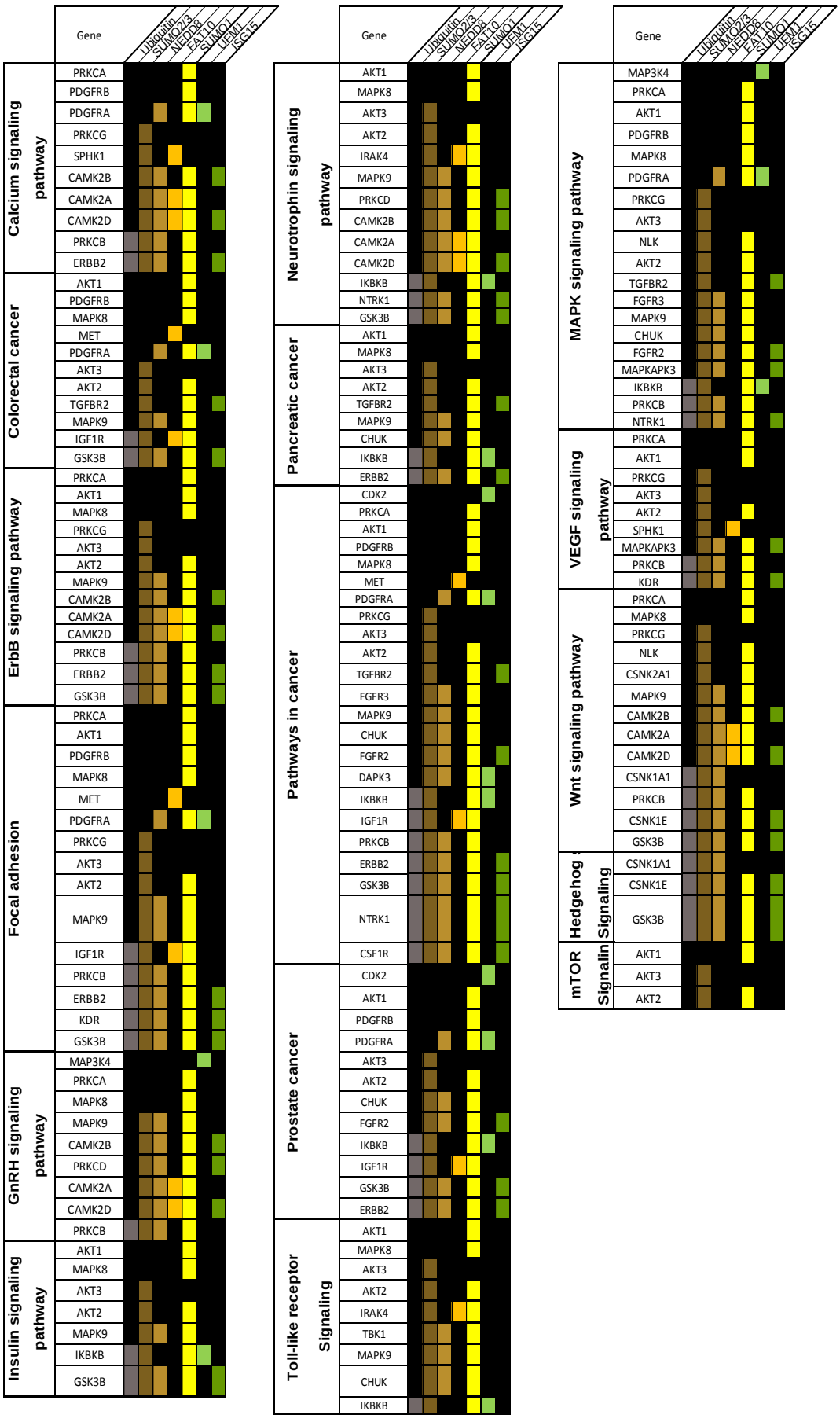
FIGURE S3


Gene
Ubiquitin
SUMO2/3
NEDD8
FAT10
SUMO1
UFM1
ISG15
Calcium signaling pathway
PRKCA
PDGFRB
PDGFRA
PRKCG
SPHK1
CAMK2B
CAMK2A
CAMK2D
PRKCB
ERBB2
Colorectal cancer
AKT1
PDGFRB
MAPK8
MET
PDGFRA
AKT3
AKT2
TGFBR2
MAPK9
IGF1R
GSK3B
ErbB signaling pathway
PRKCA
AKT1
MAPK8
PRKCG
AKT3
AKT2
MAPK9
CAMK2B
CAMK2A
CAMK2D
PRKCB
ERBB2
GSK3B
Focal adhesion
PRKCA
AKT1
PDGFRB
MAPK8
MET
PDGFRA
PRKCG
AKT3
AKT2
MAPK9
IGF1R
PRKCB
ERBB2
KDR
GSK3B
GnRH signaling pathway
MAP3K4
PRKCA
MAPK8
MAPK9
CAMK2B
PRKCD
CAMK2A
CAMK2D
PRKCB
Insulin signaling pathway
AKT1
MAPK8
AKT3
AKT2
MAPK9
IKBKB
GSK3B
Neurotrophin signaling pathway
AKT1
MAPK8
AKT3
AKT2
IRAK4
MAPK9
PRKCD
CAMK2B
CAMK2A
CAMK2D
IKBKB
NTRK1
GSK3B
Pancreatic cancer
AKT1
MAPK8
AKT3
AKT2
TGFBR2
MAPK9
CHUK
IKBKB
ERBB2
Pathways in cancer
CDK2
PRKCA
AKT1
PDGFRB
MAPK8
MET
PDGFRA
PRKCG
AKT3
AKT2
TGFBR2
FGFR3
MAPK9
CHUK
FGFR2
DAPK3
IKBKB
IGF1R
PRKCB
ERBB2
GSK3B
NTRK1
CSF1R
Prostate cancer
CDK2
AKT1
PDGFRB
PDGFRA
AKT3
AKT2
CHUK
FGFR2
IKBKB
IGF1R
GSK3B
ERBB2
Toll-like receptor Signaling
AKT1
MAPK8
AKT3
AKT2
IRAK4
TBK1
MAPK9
CHUK
IKBKB
MAPK signaling pathway
MAP3K4
PRKCA
AKT1
PDGFRB
MAPK8
PDGFRA
PRKCG
AKT3
NLK
AKT2
TGFBR2
FGFR3
MAPK9
CHUK
FGFR2
MAPKAPK3
IKBKB
PRKCB
NTRK1
VEGF signaling pathway
PRKCA
AKT1
PRKCG
AKT3
AKT2
SPHK1
MAPKAPK3
PRKCB
KDR
Wnt signaling pathway
PRKCA
MAPK8
PRKCG
NLK
CSNK2A1
MAPK9
CAMK2B
CAMK2A
CAMK2D
CSNK1A1
PRKCB
CSNK1E
GSK3B
Hedgehog Signaling
CSNK1A1
CSNK1E
GSK3B
mTOR Signalin
AKT1
AKT3
AKT2