

## Ni et al Supplementary table

	<i>Oligo sequence</i>	note
Primer P1	5'-GAA CCT CCT CGT TCG ACC-3'	pWZL-5'seq
Primer P2	5'-TTC CGG GCC CTC ACA TTG-3'	pWZL-3'seq
Primer P3	5'- GCA GGA TCC ACC ATG TCG TCC TGG ATA AGG TG -3'	NTRK2-BamHI-forward
Primer P4	5'-GGA GAA TTC TCA CTT GTC GTC ATC GTC TTT GTA G-3'	NTRK2-flag-EcoRI-reverse2
Primer P5	5'-GCA GGA TCC ATG GTC GGG GAA ATG GAA ACG AAG G- 3'	BamHI-QKI-forward
Primer P6	5'-GCT GAT AAC GGA GGC TGG GCC TAA TAC ACC ACT AGG TTC-3'	QKI-NTRK2-reverse
Primer P7	5'-GAA CCT AGT GGT GTA TTA GGC CCA GCC TCC GTT ATC AGC-3'	QKI-NTRK2-forward
Primer P8	5'-GGA GAA TTC tca CTT GTC GTC ATC GTC TTT GTA GTC GCC TAG AAT GTC CAG GTA G-3'	EcoRI-flag-NTRK2-reverse

### *shRNA target sequence*

shStat3-#1	5'-CGA CTT TGA TTT CAA CTA CAA-3'
shStat3-#2	5'-CCT GAG TTG AAT TAT CAG CTT-3'
shStat3-#3	5'-GCA GGT ATC TTG AGA AGC CAA-3'

### *Real-time PCR primers*

Ccl2	forward: 5'-CAT CCA CGT GTT GGC TCA-3' reverse: 5'-AAC TAC AGC TTC TTT GGG ACA-3'	IDT Assay ID (Mm.PT.58.42151692)
Gapdh	forward: 5'-TCA ACA GCA ACT CCC ACT CTT CCA-3' reverse: 5'-ACC CTG TTG CTG TAG CCG TAT TCA-3'	
Stat3	forward: 5'-TGG CAC CTT GGA TTG AGA GTC-3' reverse: 5'-GCA GGA ATC GGC TAT ATT GCT-3'	