Supplementary Table S2. The primer sequences used for qPCR assay.

Gene	Forward primer（5' to 3'）	Reverse primer（3' to5'）
MAPK8	TGTGTGGAATCAAGCACCTTC	AGGCGTCATCATAAAACTCGTTC
PIK3CD	AAGGAGGAGAATCAGAGCGTT	GAAGAGCGGCTCATACTGGG
RPS27A	CTGGAAGATGGACGTACTTTGTC	CGACGAAGGCGACTAATTTTGC
TP53	CAGCACATGACGGAGGTTGT	TCATCCAAATACTCCACACGC
ITCH	TGATGATGGCTCCAGATCCAA	GACTCTCCTATTTTCACCAGCTC
PRKCZ	AGAGCCTCCAGTAGACGACAA	CGGGATGAGGAAATGTAAGCAA
UBA52	AAGACAAGGAGGGTATCCCAC	TGTTGTAGTCTGAGAGAGTGCG
JAK2	TCTGGGGAGTATGTTGCAGAA	AGACATGGTTGGGTGGATACC
STAT2	CCAGCTTTACTCGCACAGC	AGCCTTGGAATCATCACTCCC
Mapk8	CTCAGCATCCATCGTCTTCG	AGTCGGATCTGTGGACATTGA
Pik3cd	GTAAACGACTTCCGCACTAAGA	GCTGACACGCAATAAGCCG
Rps27a	GACCCTTACGGGGAAAACCAT	AGACAAAGTCCGGCCATCTTC
Trp53	CTCTCCCCCGCAAAAGAAAAA	CGGAACATCTCGAAGCGTTTA
Itch	TGGGTAGTCTGACCATGAAATCT	GGGGTAACAATAACTGTGAGGG
Prkcz	GCGTGGATGCCATGACAAC	AATGATGAGCACTTCGTCCCT
Jak2	TTGTGGTATTACGCCTGTGTATC	ATGCCTGGTTGACTCGTCTAT
Uba52	GGCCAAGATCCAAGACAAGGA	CTGACGAAGGGATGGCTCAA
Stat2	TCCTGCCAATGGACGTTCG	GTCCCACTGGTTCAGTTGGT