

Supplementary Table S1. Sequences of primer combinations

Primer Name	Sequence 5'-3'
NEK11-seq_exon12long_F	TGCACCACATTCACCTTGAT
NEK11-seq_exon12long_R	ATGCATTCAGTGCCAATTCA
NEK11-seq_exon12_F	CCAGTCAGTCTGTTGAAATAAGGA
NEK11-seq_exon12_R	TGTTTTCTCCCTTGTCCTTT
MNEK11_2F	GAAGAAAATAGCAAATGAATGCAAGAATTGAG
MNEK11_2R	CTCAATTCTTGCAATTCATTTGCTATTTTCTTC
NEK11_exon3-4_F	CAAGAAAGCCAAACGAGGAG
NEK11_exon3-4_R	CCAGCTTGGAGAGGAGTTGG
NEK11_ex2-3_F	AGCCAAACGAGGAGAGGAA
NEK11_ex2-3_R	CATTTGGATTTAGTTCTCCAACA
NEK11_L_ex17-18_F	CCCAGGACCACCAATTTTC
NEK11_L_ex17-18_R	GAGTAGGTTCTTTTCCCATCGT
NEK11_exon11-13_inclMT_short_F	GAAAGCCAGGAAGCTGAAAA
NEK11_exon11-13_inclMT_short_R	TTGCTCCTCCTTTTCTTCCA
NEK11_exon11-12_inclMT_short_F	GAGAAAGCCAGGAAGCTGAA
NEK11_exon11-12_inclMT_short_R	AGCTGCTGAAAGTTCCGAGA
NEO_F	ATTCGGCTATGACTGGGCAC
NEO_R	TTCAGTGACAACGTCGAGCA
TomatoRed_F	TTCATGTACGGCTCCAAGGC
TomatoRed_R	TTGTAGATCAGCGTGCCGTC
CAPNS1_F	ATGGTTTTGGCATTGACACATG
CAPNS1_R	GCTTGCCTGTGGTGTCCG
SRPR_F	CATTGCTTTTGCACGTAACCAA
SRPR_R	ATTGTCTTGCATGCGGCC
NEK11_SNP_rs4974475_F	GAGACAGAAAGAACCTGAACACA
NEK11_SNP_rs4974475_R	CTGCTCACAATGTACTTTCATGGA
ddPCR assay ID (WT/R374X) dHsaMDS101412638	TCTACATTCACCTTTAAATTTACAGAAAGATTGTGG AAGAAAAATATGAAGAAAATAGCAAA[C/T]GAAT GCAAGAATTGAGATCTCGGAACCTTCAGCAGCTG AGTGTTGATGTAATCCATGTAAG