

Supplementary file 3: Primers and Probes used for ddPCR assay.

Assay No.	Mutations	Forward Primers (5' -> 3')	Reverse Primers (5' -> 3')	Probes for wild type (5' -> 3')	Probes for mutant (5' -> 3')
1	P441L	GAAGCCTTGTTGAAAGAAGCAGAAT	AAATATTCTACACCATCAAATCCACCTATACAAA	CTAATGGGAATGGTAAAAA	ACTAATGGGAATAGTAAAAA
2	Y493H	AAAAGCTTATTTGGAAAGTGCTGTATTGAAT	TCATACACCTCAGTTCAAATAAAGCCTT	CACCAAAAACGTATAAGAAA	CCAAAAACGTGTAAGAAA
3	P527H	GGTGTATGATCGTTTAAAGAGATGTATGGT	GCCATCATATCCCCAATACAATAAATTCT	CACAATTATTTCTTCTAGGTATAT	CACAATTATTTCTTCTATGTATAT
4	G538V	TCAAGTAATTTAAATATACCTAGAAGAAATAATTGTGGTGTT	GAGCCATCATATCCCCAATACAAT	ACGTCAAATGGTAGAATT	ACGTCAAATGTTAGAATT
5	R539T	GTAATTTAAATATACCTAGAAGAAATAATTGTGGTGTTACG	AGAGCCATCATATCCCCAATACA	TCAAATGGTAGAATTTAT	CAAATGGTACAATTTAT
6	I543T	TGTGGTGTTACGTCAAATGGTAGAAT	CGATGATCATATGCTTCTACATTCGGTAT	TCATATCCCCAATACAAT	CATATCCCCCAGTACAAT
7	R561H	TGATGGCTCTTCTATTATACCGAATGTAGA	AGCAACACACATAGCTGATGATCTAG	ATGATCATCGTATGAAAGC	ATGATCATCATATGAAAGC
8	P574L	CGTATGAAAGCATGGGTAGAGGTG	AATTTTATTATCAAAGCAACACACATAGCTGAT	ACCTTTGAATACCCCTAGATC	CCTTTGAATACCCCTAGATC
9	C580Y	GGCACCTTTGAATACCCCTAGATC	CTCACCATTAGTTCCACCAATGACA	CAGCTATGTGTGTTGCT	ATCAGCTATGTATGTTGC
10	A675V	GGCAATTTCTAAATGGTGTACCAGAGA	TTCGCCATTTTCTCCTCCTGTAATT	ATGTGGCAGCTCCAAA	AATGTGGCAACTCCAAA