

HUNTER (TNFAIP1)

Primers:

TNFAIP1_WT_For_1	GCAGCTCTCCGCTCTGTGTG
TNFAIP1_WT_For_2	AGGTACGGCAGGCGTCTCTG
TNFAIP1_WT_For_3	CCTGGTGCCTGTGCTTCTCA
TNFAIP1_WT_Rev_1	GGTCTCCGCTCCCTGATCCT
Frnt_Rev_1	AGAGAATAGGAACTTCGGAATAGGA
Intr_Rev_1	GTGGAGGGTGGTGTGGGAAA

Internal Control Primers (for use with WT and Mutant Assays).

1260_1	GAGACTCTGGCTACTCATCC
1260_2	CCTTCAGCAAGAGCTGGGGAC

WT Assay	Vol (µl)	Mutant Assay	Vol (µl)
Qiagen Master mix	5	Qiagen Master mix	5
Primer WT_For_2 [20µM]	0.5	Primer WT_For_3 [20µM]	0.5
Primer WT_Rev_1 [20µM]	0.5	Primer Frnt_Rev_1 [20µM]	0.5
Primer 1260_1 [20µM]	0.5	Primer 1260_1 [20µM]	0.5
Primer 1260_2 [20µM]	0.5	Primer 1260_2 [20µM]	0.5
H ₂ O	2	H ₂ O	2
DNA	1	DNA	1
Total Volume	10	Total Volume	10

PCR Programme: 59TM35CY

1. 94°C 5min
2. 94°C 30s
3. 59°C 30s
4. 72°C 45s
5. Go to 2 for 34 cycles
6. 72°C 5min
7. 14 °C for ever
8. end

Results:

WT_For_2	WT_Rev_1	357bp
WT_For_3	WT_Rev_1	204bp
WT_For_1	Frnt_Rev_1	591bp
WT_For_3	Frnt_Rev_1	183bp

Example:

4 samples (2 WT, 2 Hets, assay For3_Intr 3 Hets)

