

ANNEXURES

Annexure I Primer BLAST result by NCBI Primer tool

Input PCR template: NC_000017.11 Homo sapiens chromosome 17, GRCh38.p12

Primary Assembly

Range: 50640843 - 50641843

Specificity of primers: Primer pairs are specific to input template as no other targets were found in selected database: Refseq mRNA (Organism limited to Homosapiens)

Search parameter name	Search parameter value
Number of Blast hits analyzed	374292
Entrez query	
Min total mismatches	2
Min 3' end mismatches	2
Defined 3' end region length	5
Mismatch threshold to ignore targets	6
Max target size	4000
Max number of Blast target sequences	50000
Blast E value	30000
Blast word size	7
Max candidate primer pairs	50
Min PCR product size	70
Max PCR product size	1000
Min Primer size	15
Opt Primer size	20
Max Primer size	25
Min Tm	57
Opt Tm	60
Max Tm	63
Max Tm difference	3
Repeat filter	AUTO
Low complexity filter	Yes

