

1 Supplemental Table 1

	Sequence (5'→3')	
	Forward (F)	Reverse (R)
T3D M3 5'-KpnI- NotI-3'	CGACGGTACCATGGCTTCATTCA AGGGATTCTCCG	ATCACAGGCGGCCGCTTACAACATCAT CAGTTGGAACAGAGAAATC
T3D S3 R6A	CTTGGAGATCGCAGCTGCGA GTGAGGAAGCCATG	CATGGCTTCCTCACTCGCAGCTGC GATCTCCAAG
T3D S3 K11A	CGTCATCCCTCTTGATCGCGG AGATCGCAGCTCTGA	TCAGAGCTGCGATCTCCGCGATCA AGAGGGATGACG
T3D S3 R14A	GCTGACCGACGTCATCCGCC TTGATCTTGGAGATCG	CGATCTCCAAGATCAAGGCGGATG ACGTCGGTCAGC
T3D S3 TriA	CACTCAGAGCTGCGATCTCCG CGATCGCGGGGATGACGTC GGTCAGCAAG	CTTGCTGACCGACGTCATCCGCCG CGATCGCGGAGATCGCAGCTCTGA GTG
T3D S3 Y25A	CGTCGGTCAGCAAGTTTGTCC TAATGCTGTCATGCTGCGG	CCGCAGCATGACAGCATTAGGACA AACTTGCTGACCGACG
T3D S3 R29A	CTTTGTTGTGACAGAGGACGC CAGCATGACATAATTAGGA	TCCTAATTATGTCATGCTGGCGTCC TCTGTCACAACAAAG
T3D S3 K35A	ACATTTTCGTACCACCGCTGTT GTGACAGAGGACCGCAG	CTGCGGTCCTCTGTCAACAACAGCG GTGGTACGAAATGT
T3D S3 R38A	AATTTGATACTCAACCACATTT GCTACCACCTTTGTTGTGACA GAG	CTCTGTCACAACAAGGTGGTAGC AAATGTGGTTGAGTATCAAATT