

Novel *WT1* Missense Mutations in Han Chinese Women with Premature Ovarian Failure

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Supplementary information:

Supplementary Table S1 Primers used for amplification exons of the *WT1* gene

Exon	Primer sequence	Tm (°C)	Length(bp)
Exon 1	F1: GCCGGCCCCTCTTATTTGAGCT	66	979
	R1: GCTGCGGTCAAAGGGGTAGGA		
Exon 2	F2: AAAGTCCTGGAGGCTTGTGG	59	449
	R2: GGAGGGAGACCCAGTCTTGTC		
Exon 3	F3: AGGCTCAGGATCTCGTGTCT	55	497
	R3: GGTAATTCCTCCCAGTAAAG		
Exon 4	F4: CTGTGCAGAGATCAGTGGGAT	55	485
	R4: GTGTCCTCAATATTCCTTGTTCC		
Exon 5	F5: TCTTTGCAGCCTCCGGTGGT	62	350
	R5: ATGCTACCCTGATTACCCACGTC		
Exon 6	F6: GAGCGAGACCTAGACCGTGAC	62	528
	R6: ACAGCCGCCTTATCAGACCC		
Exon 7	F7: AGGTTTCATCTCAACAGCCACT	59	631
	R7: ACCACTCTGCTCTGCCTTTCT		
Exon 8	F8: GCTCCCATTCATTTGTA ACTT	55	536
	R8: ATCACCTCATTCTTTGCTG		
Exon 9	F9: GTTCCCAAGACAGAAGCAGG	57	581
	R9: ACAGTAGGGACCTGGCTTATCT		

Exon 10	F10: GACTCATTCTTTATCTCCCACTTTC R10: CATGATCAGCTATGGCTCTTCTTAC	59	684
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Supplementary Table S2 Primers used for qRT-PCR

Gene	Primer sequence
GAPDH	F: TGATGACATCAAGAAGGTGGTGAAG
	R: TCCTTGGAGGCCATGTAGGCCAT
Wt1	F: CAAGGACTGCGAGAGAAGGTTT
	R: TGGTGTGGGTCTTCAGATGGT
AMH	F: CCACACCTCTCTCCACTGGTA
	R: GGCACAAAGGTTTCAGGGGG
FSHR	F: CCTTGCTCCTGGTCTCCTTG
	R: CTCGGTCACCTTGCTATCTTG
LHR	F: CTCGCCCCGACTATCTCTCAC
	R: ACGACCTCATTAAGTCCCCTG
CYP19	F: AACCCCATGCAGTATAATGTCAC
	R: AGGACCTGGTATTGAAGACGAG
CDH1	F: CGAGAGAGTTACCCTACATA
	R: GTGTTGGGGGCATCATCATC
Par6b	F: GGAGCTGAGTTTCGTCGGTTT
	R: CGTAGCCCACCAACACGTC