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Supporting Table S1 (following page): Primer Sequences

Supplemental Table 1. Primer Sequences

Gene	Exon	Forward sequence (5' - 3')[a]	Reverse sequence (5' - 3')[a]	Begin[b]	End[c]
	1	GAACCCAGAGCGACGCTC	CTGAAGATCAGGTGGCTC	7[d]	16
	2	GAATCCAGAAAAATGTATAC	CAGAGTATAGTCAGCTTC	36	142
	3	TACTCCAGAATGGGTGACAG	GCTAAAGACATTGATATTGTG	180	47
	4	TAACTAGATATGGAGTGGAC	CTATAGTGTAGAATATGACAG	41	22
	5a	GCTGTCATATTCTACACTATAG	CAGAGGTTGCTGACGCGTTA	55	421[e]
	5b	GCAGTCAAAGGTTGTTCCT	GCCACATAAAATTTCTCCC	355[e]	22
	6	TGGACTGAGACAACTATGAG	ACTTAGCTAAAGCAACTAGA	126	54
	7	GTTAAGTTCAGATATGAGG	GTATGACAGGTTGCAAGAAC	30	59
	8	GTTTCAGTACTAACTCTGC	GTTACAAGGAACTTCATAC	23	61
	9	CTGGTATAACAGAATCAGC	GTCTAACATGCTAGTTTGGC	81	13
	10	CTGGGAAGGCAAAATTCAGC	CCTATATAATAGATGGTC	67	70
	11	GAGGCTGAATCTTGGTGG	GCATTATGTATAACATTCC	71	50
PEX1	12	CGAGCTTTTCTAGTGCTTTC	GACTAAAAATGCTGACTGAC	68	39
	13	GGTCAACCTTAGAGTATC	GCCTCTAGCACAATATGCAC	79	132
	14	CACTATAGATTTGTCAACCTG	GAAAGAAGATTCCAAGTTCAGG	76	19
	15	GTTTCCAGCTAAGATGATGG	CTTCTGGGAGTAAGTATTCAC	64	21
	16	CTGTTTAGACTTGAGCTC	GAATGCACTAAATGCCAGTG	30	78
	17	GATTCATTTAGACTTAGTCAG	GTTTCAAATATCAGTTCTTC	60	80
	18	CCAACTATGAAGCCTGATTC	TCTGATGACATGATGACAT	29	39
	19	GTCATCATGTCATCAGAT	GAGTGTAGCATTTGTTG	31	30
	20	GGTACATTTCTCAACTTAC	CCATATTCCAACTATGGAAC	117	141
	21	TGCCTCAAAACCGTTAGAGAA	TATGTGGGCTGGTTAGGAG	131	74
	22	CACAGGTATCAGTGAACC	GCTCGTTTATAAGTCAAAG	173	72
	23	CCTTAATTTAACTCTTCGTC	GTAATAGTAGCTGTACTTCC	20	21
	24	GTTTGCCAACAATCCATTATC	GGTTGAGCGGATAATTAAATG	56	58
	1a	AACCCCCTCAGAGCAAGTTC	CGACTGCTGTCCCCAGAC	137[d]	506[e]
	1b	CGGAGAGACCCTCCCAGT	GGGGCACGAGTCCTAAATCT	380[e]	72
	2	GAGAAGGTTATAACGTGGTG	GAGGGTGAGAAGCTATCCTC	16	22
	3	CATTACTCCCATTGTGACCTG	CACATGATTTGCAGGGAG	24	65
	4	GATTGAGAAACCTTGTCCTTG	CAGAGGAATCCACTCTCTG	55	120
	5	CAAGGATGGGTGTAGACCAG	GATGTTCTAAGCAGGCTTTTC	54	29
	6	CTAGATCTAAGGGATCTTGTG	GGAATATGCCTGACCCACTG	62	119
	7	GAGGTAGGACTTGGCCA	CAATGTGCTGGGATTATAAG	129	61
	8	GCCGACTTTGGGACAAGGC	GCAACAGGACTGAGTTCTTG	58	54
PEX6	9	CTGCTCATGTGTCCTTTCC	CCATCTACATCCATTTCCTC	13	32
	10a	CTGCACCAGGATCAAGAAC[f]	CTGAATGGTCTCCAGGATC[g]	129	130
	10b	CAGGATCAAGAACTCAGGGTA[f]	CTGAATGGTCTCCAGGATC[g]	121	130
	11	*GAGCAACTGCAGACAGCTC*	CACACAATTGACCTCTTGG	103	72
	12	GTATGTGCATCTGACGGCTC	GAATGATCATGAGTAGCCTG	26	73
	13	GATGCCAGTGCTGTATTGTC	GACTGCTGTGAGCTTTCTC	88	52
	14	CTGCCTGTAAAGAGAGGTAC	AGGCAGGTATAAGTTTCAG	64	68
	15	CAACAGACCAGATCTCCTG	CCTGCATGTTGCATGCATC	125	54
	16	CAAGTATGCTCTGTTAGAG	GTAGCTGGGACTCAGGTGCAC	129	52
	17	CTGAGCAGGAAGCCACCTTC	CTCACTCCAACCTTTCATGC	57	12
	1	GACGCAGAGGTCTGCGCC	TGACCACACACGGCAGACAC	94[d]	68
	2	GAGTGAGTGTTGGCTTCATG	TCCAGGAGCTTCTCACACTG	109	80
PEX10	3	GGGCTCAAGGGCGACAAGATGG	GCATGCACCCAAGTCCAGTG	103	51
	4	GTTCTAACGTGCTCTGTG	CTTACAGGTCCTTGTGAAG	85	44
	5	CTTCACAAGGACCTGTAAGG	CTCAAAACTGGAGGGTGCTC	36	64
	6	GGTCATTAGTTGAAGGAAATAC	GTGGCTGAGTCCTACCAGG	120	289[e]
	1a	GTCATAGAGTTCTCTAGTTC	CGAGGGTAGTCTCAAGAAG	106	335[e]
PEX12	1b	TGCAGCATTTGACAAGTTAC	CTAGGCTACCAAATAAGCAC	251[d]	62
	2	GGTGTAGAACTTGTGTAATG	GCCACAAAGTTAACAGGGAG	35	74
	3	GTCACTTTGTAATGATACC	AGGCTGAGAAGTGTCAACTC	46	474[e]
	2	TTCGCCCAGGCCAACT	CGAGGTGTAAAGCTCCTTG	74[d]	91
	3	GCTGGAGAGGAACAGTCCC	GATGAAAATCCTCTCGTTTC	67	35
PEX26	4	GGATAGGAGAAGCATAGTG	GTTTCACGACAGACCCCGAGG	72	56
	5	CTTAGAAGCAAGCACAGAGG	GTAGGACTCTGACAAACACC	62	70
	6	GATGGCAGAGTGACAGGTGA	GCCAGGCAGGTTTTGAAC	41	30

[a]sequences in regular type are intronic while those underlined reside within flanking exons unless otherwise indicated
[b]number of bases upstream 3'-base of the forward primer is from the 5'-base of the indicated exon
[c]number of bases downstream the 3'-base of the reverse primer is from the 3'-base of the indicated exon
[d]number of bases upstream the last base of the forward primer is from the ATG start codon
[e]number of bases downstream of the first base of the indicated exon
[f]sequences reside in exon 9 of *PEX6*
[g]sequences reside in exon 11 of *PEX6*