

**Supplemental Table 1. Primer List**

<b>Sense Primer</b>	<b>Sequence</b>	<b>Antisense Primer</b>	<b>Sequence</b>	<b>Product Size (bp)</b>
CBD1 (2)s	5'-TGAGGCCTCTCTACTTGCTGCTGC-3'	CBD1 (118)a	5'-TCCTGGCACAGATGTACTGGTCAGA-3'	117
CBD102 (-2)s	5'-CCATGAAGATCCATTGTCTCTTCTT-3'	CBD102 (140)a	5'-CGGTTATGAGGGCATCTGAATG-3'	142
CBD103 (12)s	5'-TTACCTTCTCCTCCTGTTGCCCTTG-3'	CBD103 (117)a	5'-CCGACCGCTCCTTATTCTGCAAT-3'	106
CBD104 (31)s	5'-TTCTTCCTTCTGGCCCCAGTGACAAG-3'	CBD104 (145)a	5'-GGCATAATCCAATGCTGGATTCTC-3'	115
CBD105 (2)s	5'-TGATCCTGAGCAGAAAGATGTCTTG-3'	CBD105 (178)a	5'-CAACCTTCTCATCTCGGTGCATAT-3'	177
CBD106 (5)s	5'-GGACGTTCCCTCTTCTTTTTGCTG-3'	CBD106 (147)a	5'-ATTCTGGCAGAGAGCCACCAGTTC-3'	143
CBD107 (48)s	5'-TCTCCTTGCTCACATTTTCTCAGC-3'	CBD107 (164)a	5'-CAGCCCCCAATCTTATCTTCAAAG-3'	117
CBD108 (23)s	5'-TCGCCCTGCTCTTCTTTCTGAG-3'	CBD108 (126)a	5'-CGTTTCCAGGCAAAACTCCTG-3'	104
CBD109 (6)s	5'-GCTCCATGTGCTTTTCTTCATGC-3'	CBD109 (121)a	5'-TGTCTCTTCTGCAAACGCCAG-3'	116
CBD110 (30)s	5'-GCTCTTTTGGGTCACAATTTTACC-3'	CBD110 (180)a	5'GCACTGATTTCTCCATTTAATGCAG-3'	151
CBD111 (36)s	5'-TTGGGTCACAATTTTACCAGCC-3'	CBD111 (140)a	5'-TGGCACTCAAGTCTACATCGGC-3'	105
CBD112 (95)s	5'-GCACACACACAAAAACAATCCAG-3'	CBD112 (237)a	5'-TGTAGGTCTTCCACAGTATGCCATC-3'	143
CBD113 (30)s	5'-TGTTCTCACTGTGTCTTGTGGTCC-3'	CBD113 (213)a	5'-GACTGGCTTTTGGTATCCCG-3'	184
CBD114 (36)s	5'-TTATGTGACTTTCATCCTACCAGCC-3'	CBD114 (136)a	5'-TTTCACTCTAAAGCAGCGTCTTC-3'	101
CBD116 (27)s	5'-GACAATCTCCTTCTTCTGATCCTG-3'	CBD116 (270)a	5'-CAAGTTGGAATTGGGGTCATAATC-3'	244
CBD117 (11)s	5'-CTTGCTGGATCATAAAAGGACACTG-3'	CBD117 (143)a	5'-GCTTGGGTTAGTCTGTGTGGTTGAG-3'	133
CBD118 (3)s	5'-GAGACTCCTGTTCTGACTTTTGC-3'	CBD118 (257)a	5'-GGTGTGGTGAGACTTGTACCATTG-3'	255
CBD119 (12)s	5'-CCTCTTTTTTGTATCCTTCTGGC-3'	CBD119 (133)a	5'-GGTAGGGCTGTTCACTCTTTCTGC-3'	122
CBD120 (12)s	5'-CCTCTTTTTTGTATCCTTCTGGC-3'	CBD120 (142)a	5'-AGCACCGTTTACGATTTTCGC-3'	131
CBD122 (8)s	5'-CTTTTTTGTGACTTTGGCTGC-3'	CBD122 (181)a	5'-TTGGCTGGAAGTTGGGCTTC-3'	174
CBD123 (1)s	5'-ATGAAGCTCCTTTGGCTGACTG-3'	CBD123 (188)a	5'-TTTTCTCTCGGCTGGAAGTTGGGC-3'	188
CBD124 (8)s	5'-GCTGCTTCTGCTCATTGTGGC-3'	CBD124 (182)a	5'-CCTGCTTCCATAGGGGAGACAG-3'	175
CBD125 (62)s	5'-GCTGGGAAACTGAAAGATGTTGG-3'	CBD125 (212)a	5'-CGTGGTGGCATTTTTGTGTATCC-3'	151
CBD126 (155)s	5'-GCCCAAAGAAAAAATGTGCTG-3'	CBD126 (398)a	5'-AAGAGATGCGATGCCCTTCC-3'	244
CBD127 (21)s	5'-TGCAATCCTGCTGTTCCAGAAG-3'	CBD127 (179)a	5'-AATTCCACGATGTTGAGGCAAC-3'	159
CBD128 (97)s	5'-CGGAAGAAATGTAATAATGGGGG-3'	CBD128 (226)a	5'-TAGGCTGTGGTAAAGGGAGAGGTG-3'	130
CBD129 (87)s	5'-GGGTTTTGGAAGATGCAGAGACC-3'	CBD129 (251)a	5'-ATTGGTAGTTGTTCTTGGGAGCC-3'	165
CBD130 (88)s	5'-CAGTGTGTTCTTTTGAAGGGGG-3'	CBD130 (234)a	5'-AGATTTTGCTTTGGGAGCCG-3'	147
CBD131 (2)s	5'-TGAGGGTCTTGTATTCCATCCTTG-3'	CBD131 (129)a	5'-GTCGAGATTGCACTTCATTCTGC-3'	128
CBD132 (150)s	5'-CCGACTGTGTTGTATGAAAAACCC-3'	CBD132 (272)a	5'-GGAGTTGAAGCCATTTGTTGCTC-3'	123
CBD134 (51)s	5'-GCTGGCAGTTTGAATCCACTG-3'	CBD134 (192)a	5'-CGGGTTTCTTTGATACAGCAC-3'	142
CBD135 (25)s	5'-GTGGTCCTTGTGTTACTCTCCTGTG-3'	CBD135 (148)a	5'-CACTTTTCCCACATGATTTCTTGC-3'	124
CBD136 (8)s	5'-TCTGTATTTCTGGGTTGCTTTCC-3'	CBD136 (226)a	5'-AAGGCTCTTTGACCTGGGGTGG-3'	219
CBD138 (71)s	5'-GGCGGAAATCTCTTGAATGTGAG-3'	CBD138 (130)a	5'-CATGGGTCTTTTGGTGCTTACAG-3'	60
CBD139 (12)s	5'-CTCCCTTCTCATTTTCGTTGTCC-3'	CBD139 (122)a	5'-TTCCTTCTCAGGCATACGCTTG-3'	111

**Supplemental Table 1. Primer List (Continued)**

<b>Sense Primer</b>	<b>Sequence</b>	<b>Antisense Primer</b>	<b>Sequence</b>	<b>Product Size (bp)</b>
CBD140 (4)s	5'-AGACTCCTCCATGTGGTCCTCAC-3'	CBD140 (123)a	5'-TCGCTTCAGGCAGTTTCCGC-3'	120
CBD141 (33)s	5'-TTTCCTCCTGATTCACTTGGTCTC-3'	CBD141 (186)a	5'-AGCCAGAACACAGCACACCTTG-3'	154
CBD142 (47)s	5'-ACCAAGGCTATGGAGTATGCAGAG-3'	CBD142 (147)a	5'-GGTTGAATCTGAGTTAATGCAGCAC-3'	101
SPAG11c (80)s	5'-TTAACCACCAAGGTACAGGGTC-3'	SPAG11c (184)a	5'-AGAGGCGACGTTTTTCTCGG-3'	105
SPAG11e (7)s	5'-GCCCTCTTCTTTTGGCCGTC-3'	SPAG11e (156)a	5'-GCAGATTTAGCCTTTCTCTCACC-3'	150
RPS5 (54)s	5'-GCTCTTTGGGAAATGGAGCAC-3'	RPS5 (235)a	5'-GCATCATCATTGAGTTGGTCAGG-3'	182
<b>qRT-PCR Primers</b>				
CBD1 (2)s	5'-TGAGGCCTCTCTACTTGCTGCTGC-3'	CBD1 (118)a	5'-TCCTGGCACAGATGTACTGGTCAGA-3'	117
CBD103 (12)s	5'-TTACCTTCTCCTCCTGTTGCCCTTG-3'	CBD103 (112)a	5'-CCGACCGCTCCTTATTCTGCAAT-3'	101
CBD108 (23)s	5'-TCGCCCTGCTCTTCTTTCTGAG-3'	CBD108 (126)a	5'-CGTTTCCAGGCAAACTCCTG-3'	104
RPS5 (54)s	5'-GCTCTTTGGGAAATGGAGCAC-3'	RPS5 (235)a	5'-GCATCATCATTGAGTTGGTCAGG-3'	182
S100A8 (28s)	5'-AACCTGGTGGGGCAGATCCTTG-3'	S100A8 (229)s	5'-CAACTCTTGAACCAGGTGTCTG-3'	202
<b>dG23 Genetics</b>				
CBD103 (1662)s	5'-(6FAM) TCGGACCAAAGCCTTCCTAAAG-3'	CBD103 (1889)a	5'-AACGCTCCCATCCCATTTCTGG-3'	228
<b>GCN</b>				
CBD103 CN (421)s	5'-TGTACCTATGGCTGTGTGTCCTGC-3'	CBD103 CN (580)a	5'-CCATCTTACCTGGAACAGGCATC-3'	160
CTBP CN (17889)s	5'-TCCACCCAAGTGTCCCTTTGTCAG-3'	CTBP CN (17999)a	5'CAGCAGCCTCATTTTCCAGTTCAG-3'	111
<b>Recombinant Peptide Primers</b>				
CBD103 F	5'-GCGAATTCATGGGAATTATAAATACCCTGCAG-3'			
CBD103dG23 F	5'-GCGAATTCATGATTATAAATACCCTGCAGAGG-3'			
CBD103 Both R	5'-GCGTTCGACTTATTATTTCTTTCTTCGGCAGCA-3'			
hBD3 F	5'-CGCGAATTCATGATCATAAACACATTACAG-3'			
hBD3dG23 F	5'-GCGAATTCATGATCATAAACACATTACAGAAA-3'			
hBD3 Both R	5'-GCGCGTTCGACTCATTCTTTCTTCGGCAGC-3'			
<b>Bacterial Primers</b>				
Bac16s (27)s	5'-AGAGTTTGATCCTGGCTCAG-3'	Bac16s (1391)a	5'-GACGGGCRGTGWGTRC-3'	Range