

Appendix 1.

sequence	fragment	annealing temperature (°C)	MgCl <sub>2</sub>	product size (bp)
agcgccttacctcctctct gccctcaggctaaagaacct	CEP290 1F CEP290 1R	56	3	455
aaaatgtaaggtgctagaaaaccaa ccaggatatttcacaaagattacctta	CEP290 2-3F CEP290 2-3R	58	3	546
ttgaggacttgaggtaaaaagga ccataataaacttttccaagggtg	CEP290 4F CEP290 4R	58	3	672
ggatctgccatataatacttttgg cccttcgtcactattctca	CEP290 5F CEP290 5R	56	3	500
tgcttggttgactcatttgaa ccaataataataaaaagccaggtaa	CEP290 6F CEP290 6R	58	3	281
cattttctacttggtagaggatt gaagactccagctctggtaaaa	CEP290 7F CEP290 7R	56	3	578
tgtaaaacgacggccagtttggttctactgagccaaataatg caggaaacagctatgacctctgaaggtaaccaaacacaaca	CEP290 8F CEP290 8R	60	3	423
tgtggtgaaatctgggaat aatgaccaagacaggcaaat	CEP290 9F CEP290 9R	58	3	461
ggacacttatggctgcgtt aagacagacaaaaattcacatcc	CEP290 10F CEP290 10R	58	3	384
ttccaggatgactcaatgat ccctaataaacgtgtataaaccag	CEP290 11F CEP290 11R	58	3	392
tgccagttagtgcatacttc ttccaactgtaataaaaactgggtgata	CEP290 12F CEP290 12R	58	3	321
aaaaggcacttgtaaccaca gaaaatgcatccatcatttaca	CEP290 13F CEP290 13R	58	3	447
tgggatcactgattgaagga cagaatagtctgtaatggcaag	CEP290 14F CEP290 14R	58	3	300
ggatttggttataaaagcacaataaa	CEP290 15F	58	3	488

cacttcaatcaggtagctcca	CEP290 15R			
tgacatthttgcagcttattga ttcatatccagacaactcacttatca	CEP290 16-17F CEP290 16-17R	58	3	386
tggagggttttggaaacaa tttctttactctctttgcaatac	CEP290 18F CEP290 18R	58	3	278
ttttgtttgactttaacatcag cccttttaggccatgatt	CEP290 19F CEP290 19R	58	4	654
tgtgaaaaagatctgatcatcca tggctaaatctttctgtagcaat	CEP290 20F CEP290 20R	58	3	847
ttatcatgcttggcaatgaa acattcttatgttagcattttcttt	CEP290 21F CEP290 21R	56	3	335
tggcagggcattcacatatac ttgagaaaagtactatctgcatgctt	CEP290 22F CEP290 22R	58	3	378
tgtaaaacgacggccagttgtgtgttacagatttggga caggaaacagctatgaccaggataatccaggcttaatg	CEP290 23F CEP290 23R	60	3	486
gctatgatacctcttgtgttgagaaa tcagaaaaagcaaaataagaatcaga	CEP290 24-25F CEP290 24-25R	58	3	571
tctttctcaaaagtggctagtgc ccccaaacacaaaaatattga	CEP290 26F CEP290 26R	56	3	317
tggattgtgagtttaaggagatg ttggtggggtaagtacagga	CEP290 27F CEP290 27R	58	3	397
tgtaaaacgacggccagttccatggaactataatgctttc caggaaacagctatgacctctgctttcttttaacaatc	CEP290 28F CEP290 28R	60	3	520
ggccaagtaaagaggattgc gaattgtatacctgtaattgggtttc	CEP290 29F CEP290 29R	58	3	338
tgaaaacgaatggctttttg aacatatcccactcccaca	CEP290 30F CEP290 30R	56	3	295
aactttcactggaaaaattgaaac gcctgggaacagatcaaga	CEP290 31F CEP290 31R	58	4	573
tcatcaatggaggaatgttatttg	CEP290 32F	58	3	596

gtcatttggcaatattcttgttt	CEP290 32R			
tgtaaaacgacggccagttcacctctctgagttgtatt caggaaacagctatgaccagttgcagcattgagagtaa	CEP290 33F CEP290 33R	58	3	485
aagaggggtttaatctatgtttatca cattctatgcattgccctca	CEP290 34F CEP290 34R	58	3	331
aagcatgcaataactgctgtc tccaatcacatgcaagtaacaa	CEP290 35F CEP290 35R	58	3	597
gaggggacatgcataccagt tttggcaacaaaagggtaa	CEP290 36F CEP290 36R	58	3	383
tttgatcatttgaggaacaaa gcctggcatagcaaacactt	CEP290 37F CEP290 37R	58	3	373
tgaattgcagcaaccactct aaaagcaatctaccacatattttcc	CEP290 38F CEP290 38R	58	3	641
tttgtaaatatgttccattaaactca caccaacagtgcattataaattcc	CEP290 39F CEP290 39R	58	3	400
tggaaaaatatatgtagtttgggtt tttgaaagtcagtttaacaaatacca	CEP290 40F CEP290 40R	58	3	489
aaaatgcagaagcagctacca agccaggtcatcaaatagg	CEP290 41F CEP290 41R	58	3	392
tggtcagtgatagcttcagaaa aacttactctgcactaccttaagca	CEP290 41F_nested CEP290 41R_nested	58	3	283
tcaacctgtatagcaaaatgaaca cgagatcacaggaaaatcca	CEP290 42F CEP290 42R	58	3	499
tggatttctctgtgatctcg cccaagcttaagacaacacaca	CEP290 43F CEP290 43R	58	3	397
catttaaaggaggccttcagt tgctttggccagattaagaa	CEP290 44F CEP290 44R	58	3	438
ccttttgacagtattttcttatcca aaaagtaaacataacaactaaggaagg	CEP290 45F CEP290 45R	58	3	294
ttttcaatggctgtagctatgtt	CEP290 46F	58	3	250

cagggcacttgtagaggcata	CEP290 46R			
agaattgtttaaggatgaattgaa	CEP290 47F	58	3	474
aacccttagccttgccctc	CEP290 47R			
aacgttgggaacttcgttct	CEP290 48F	58	3	359
cttccagttttccaagaggt	CEP290 48R			
gcatttagagcccaggta	CEP290 49F	58	3	391
caggaagaaccaggttatcca	CEP290 49R			
agctaaaactttgactagaagaaacag	CEP290 50F	58	3	400
ggtgcccttcagttagatgg	CEP290 50R			
acgctttgttaaaatgtgtatctt	CEP290 51F	56	3	248
tctctagttgtagcaattcggagt	CEP290 51R			
cgataaaggctagcttgttctga	CEP290 52F	58	3	300
gatcagaaatctgagccaaaa	CEP290 52R			
catccagtgtttccaggttc	CEP290 53F	58	3	294
tttttaggatacgtagttaaagatggt	CEP290 53R			
ttgctgtatttgaccattcagg	CEP290 54F	58	3	580
tcaccagagctcactgccta	CEP290 54R			