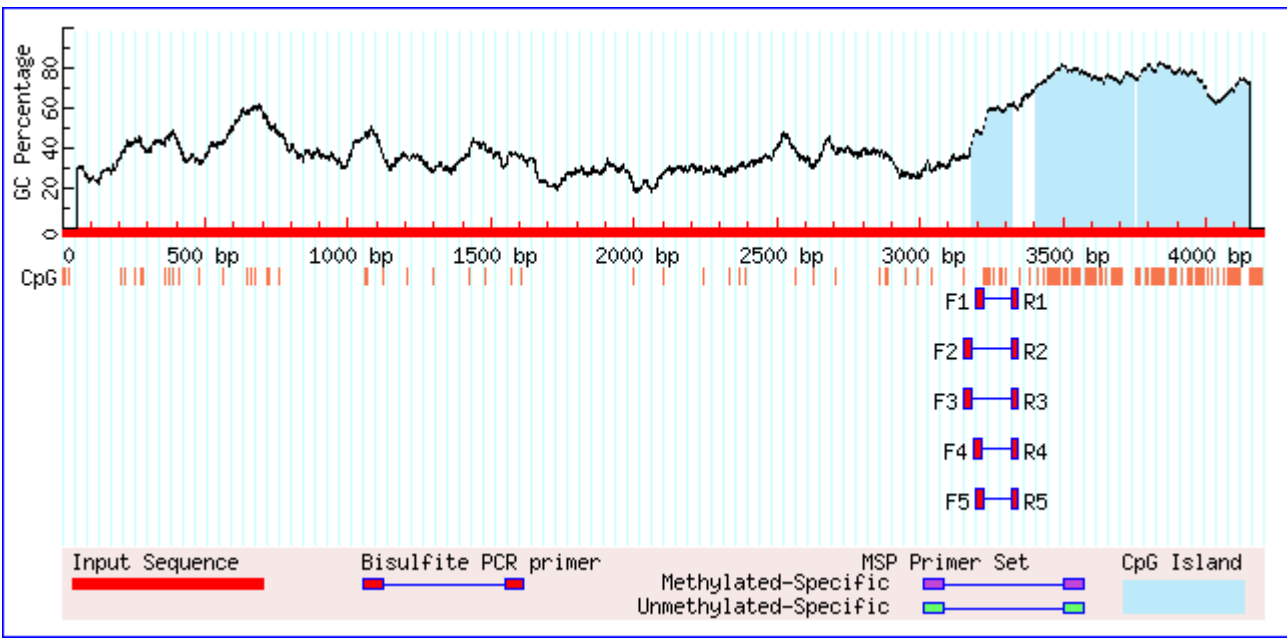


MethPrimer result

Please cite MethPrimer: Li LC and Dahiya R. [MethPrimer: designing primers for methylation PCRs](#). Bioinformatics. 2002 Nov;18(11):1427-31. PMID: [12424112](#)



Sequence Name: CTNNB1
Sequence Length: 4200

CpG island prediction results
(Criteria used: Island size > 100, GC Percent > 50.0, Obs/Exp > 0.6)
3 CpG island(s) were found in your sequence

Island	Size	(Start - End)
Island 1	137 bp	(3184 - 3320)
Island 2	344 bp	(3402 - 3745)
Island 3	385 bp	(3761 - 4145)

Primer picking results for bisulfite sequencing (or restriction) PCR

Primer	Start	Size	Tm	GC%	'C's	Sequence
1 Left primer	3192	29	58.62	37.93	4	AGTAGGTATTTTAAAGGATTTGTTGAATT
Right primer	3341	25	59.37	60.00	6	TAAATCCCACCTCTCAACAACTAT
Product size: 150, Tm: 64.1, CpGs in product: 9						
2 Left primer	3153	30	55.28	40.00	7	GTTTTGGAGTTAATTTATTTTATTAGTTA
Right primer	3341	25	59.37	60.00	6	TAAATCCCACCTCTCAACAACTAT
Product size: 189, Tm: 64.5, CpGs in product: 9						
3 Left primer	3154	30	54.97	36.67	7	TTTTGGAGTTAATTTATTTTATTAGTTAT
Right primer	3341	25	59.37	60.00	6	TAAATCCCACCTCTCAACAACTAT
Product size: 188, Tm: 64.6, CpGs in product: 9						
4 Left primer	3191	30	58.66	40.00	5	TAGTAGGTATTTTAAAGGATTTGTTGAATT
Right primer	3341	25	59.37	60.00	6	TAAATCCCACCTCTCAACAACTAT
Product size: 151, Tm: 64.3, CpGs in product: 9						
5 Left primer	3192	29	58.62	37.93	4	AGTAGGTATTTTAAAGGATTTGTTGAATT
Right primer	3340	24	59.34	62.50	6	AAATCCCACCTCTCAACAACTAT
Product size: 149, Tm: 64.1, CpGs in product: 9						

```

1 CAAAAATTATCGATTTTCATGGCGCTGCGAGGTTCTGGAAAGAAAAGCTACTTTAAAATTTG
:|||||++|||:||||++:|++|||:|||||:|:|||||
1 TAAAATTATCGATTTTATGGCGTTGCGAGGTTTGGAAAGAAAAGTTATTTTAAAATTTG

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61 CATTGTTTAAAGAAATGACTTAAAAGAAAAGAATCATTTTTTTTTCTGAATACTTTGGAAG
:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
61 TATTGTTTAAAGAAATGATTTAAAAGAAAAGAATTATTTTTTTTTTGAATATTTTGAAG

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