

Supplemental Table 2. Primers for bisulfite PCR.

ID	Sequences	Size	Annealing temp.
Bis-CSMD1-F	5'- <i>atcgataagcttgat</i> TaYggYgTagtTTTagaTagaTagagT-3'		
Bis-CSMD1-R	5'- <i>ctgcaggaattcgatgtcttaattctaAaAacttcctcatAtcac</i> -3'	534 bp	55 °C
Bis-FZD10-F	5'- <i>atcgataagcttgat</i> TaggaagatgYgggTaggtttaTaagT-3'		
Bis- FZD10-R	5'- <i>ctgcaggaattcgatgtctcctcRccctctctctAcctAAcctcca</i> -3'	335 bp	55 °C
Bis-DNAH9-F	5'- <i>atcgataagcttgat</i> TtgggagYgttgYgYggggagtgTtgag-3'		
Bis-DNAH9-R	5'- <i>ctgcaggaattcgatgtctatcactccRcctcttAAacctccctA</i> -3'	452 bp	60 °C
Bis-FAM19A5-F	5'- <i>atcgataagcttgat</i> gYgYgggTagggTYggTtgTtgaga-3'		
Bis-FAM19A5-R	5'- <i>ctgcaggaattcgatgtctcRaAcRcccRAaaccRAAtAAaccctc</i> -3'	399 bp	60 °C
Bis-TMEM132C-F	5'- <i>atcgataagcttgat</i> TtgtTCgttgggTaTTCgggTaggagT-3'		
Bis-TMEM132C-R	5'- <i>ctgcaggaattcgatgtctcGcGctccGAccGAaacaactttctc</i> -3'	376 bp	60 °C
Bis-TMEM132D-F	5'- <i>atcgataagcttgat</i> TtttTTtgtttaTTYgagYgaagagtgT-3'		
Bis-TMEM132D-R	5'- <i>ctgcaggaattcgatgtcAAcctcctccRcRcacatctAAcc</i> -3'	488 bp	55 °C

* Italic letters in primer sequences represent recombination arm for subcloning.

* Upper cases in primer sequences represent converted nucleotide for bisulfite PCR