

Table S1: List of employed primers for Bisulfite sequencing, qRT-PCR, and ChIP analyses.

Gene	Forward (5'→3')	Reverse (5'→3')	T _m
	Bisulfite sequencing		
Pr <i>CSDP2</i> -Outer	GGGTTATGGTTTTATAATTTYTGATG	TCCCACCCACCRCCACC	60
Pr <i>CSDP2</i> -Inner	CCRRAAAGGTAAAGTGTT	RAACCACCACCTCTTCRATTC	52
	RT-qPCR		
<i>18S</i>	GCGAAAGCATTTGCCAAGG	ATTCCTGGTCGGCATCGTTA	58
<i>ACTIN</i>	CACTGCACTTGCTCCCAGTA	AACCTCCGATCCAAACACTG	58
<i>GAPDH</i>	AAGATCCTCGGGAAAGGAGA	CTTCCTTGCTCAATGCAACA	58
Pr <i>RBCS</i>	GGAACCATCTCGAGGAGTA	CTCTGTGCACCCAACATC	58
Pr <i>RBCA</i>	CAAGGAGCAATAGGCATCTA	AGATGAGCCCAGTCTTTCTC	58
Pr <i>SHM4</i>	AACTGCGTTCTTGTTGATTG	CTTGATGAACGAGGGATACA	58
Pr <i>CSDP2</i>	TTTCATAACCCCTGATGATG	ATCTAGGGCCTTGTTCTTC	58
	ChIP		
Pr <i>CSDP2</i> Promoter	ATTAATAATAAAGCACATGGGGAGAAA TAA	AAATATATGTACGTATGGTAGAAAGG AGGT	60
Pr <i>CSDP2</i> 1st Exon	GAGGGATTCTGAACCATGTCTG	CGTGTACTCGACGGCCTCT	60
Pr <i>RBCA</i> Promoter	ACTGTTAGCTCCATCACTGTCTCC	GCTTGCTCTCATCAATTCAGC	60
Pr <i>RBCA</i> 1st Exon	TTTTTCCTATATAATCAGAAGCAATAAC TG	TAAATACATAATTGAGGAGCTCAGTA AGTC	60
Pr <i>RBCS</i> Promoter	GTGAGCTGCACCAGACAAAGC	TCTCAGGTGAGTAACCAGCATCAG	61
Pr <i>RBCS</i> 1st Exon	AAGACCAGCAATGGCAAGGGGA	TTCCGCTGCTGCGTTGCTCA	60
Pr <i>SHMT</i> Promoter	AGAAGCCGGTTTCCTAGCGCAA	GAAGAGAGGCTGGGATCGTGT	60
Pr <i>SHMT</i> 1st Exon	TTTTCATCTGGGCATCACTAGTTT	TTGCCTTCTTCTCCTTCTCAAT	62