

## Supplementary information, Table S3

**Table S3** DNA sequence of all used primer pairs

Primer Name	Sequence (5'-3')	Purpose
CBSF1	GTGAGCCACAGCTCAGCAAC	PCR/Sequence
CBSR1	TTCCCTCATCCAGATTTTCCA	PCR/Sequence
CBSF2	TGGAGAGACAGAGAGGGAGCA	PCR/Sequence
CBSR2	CTGCCACCAGACGAGAAATG	PCR/Sequence
CBSF3	CAGGCTGGCTGAAGGCTCT	PCR/Sequence
CBSR3	CGCAGAACAGTCGCCTTG	PCR/Sequence
CBSF4	GGGCGCCCCTGCTACCAC	PCR/Sequence
CBSR4	TCACCTGGACGGATACATGG	PCR/Sequence
CBSF5	AAGTCCAGTCAGCGGCAGAT	PCR/Sequence
CBSR5	CCAGGTGTCCATCACCGATA	PCR/Sequence
rs2850144-typing	CGGCCCCGCGCAGCTCCGCCG	Genotyping
rs1051319-typing	GGGGAGACGGATGCTCTGTGCCGT	Genotyping
rs706208-typing	GCACCACCTCTGTCACGTTT	Genotyping
CBS-promt -F	CATCTAGCTAGCTAGATGAAACCCCGTCTCTACTAAAATACAA	Construct
CBS-promt-R	ACACCCAAGCTTGGGTGTTCCGATGCTGTTTTACTTGGTTA	Construct
-551C-probe-F	GTGGCAGAGACCCCGGCGGAGCTGC	SPR/EMSA
-551C-probe-R	GCAGCTCCGCCGGGGTCTCTGCCAC	SPR/EMSA

-551G-probe-F	GTGGCAGAGACCGCGGGCGGAGCTGC	SPR/EMSA
-551G-probe-R	GCAGCTCCGCCGCGGTCTCTGCCAC	SPR/EMSA
-516G-probe-F	GGAGGCTGCGGAGCATCGCTCTGAC	SPR
-516G-probe-R	GTCAGAGCGATGCTCCGCAGCCTCC	SPR
-516A-probe-F	GGAGGCTGCGGAACATCGCTCTGAC	SPR
-516A-probe-R	GTCAGAGCGATGTTCCGCAGCCTCC	SPR
CBS -CHIP F	GTA ACTCCATCCCTGTCCCCT	CHIP
CBS -CHIP R	ATGCTCCGCAGCCTCCTC	CHIP
CBS-mRNA-F	CACCCCTATGGTCAGAATCAAC	RT-qPCR
CBS-mRNA-R	AGCATCCTCAATCATCCGCA	RT-qPCR
GAPDH-mRNA-F	GAAGGTGAAGGTCGGAGTC	RT-qPCR
GAPDH-mRNA-R	GAAGATGGTGATGGGATTTTC	RT-qPCR
CBS-methy-F	TTTGTTAGTGGATATTTAATTTTAATTTA	Methylation
CBS-methy-R	ACTTTCAAAAACCTAACCTAATCCC	Methylation

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