Supplementary Table II Oligonucleotides used in this study

A) Amplification of hybridization probes

Gene	Oligonucleotide	Sequence 5´→3´
sreA	o1_ sreA	ATCGCCAGAAGCATCGT
	o2_ sreA	ACTGAAAAGGTTATCGCT
mirB	o1_ mirB	GTATATCTTCGCGCAGGG
	o2_ mirB	AACCCATCAACACCCGAG
sidA	o1_ sidA	CGCAGCAGCTTCACCTTC
	o2_ sidA	CGTCGGGGTTTTTCACTC
sidC	o1_ sidC	GCACCAGGTCATTGAGTACC
	o2_ sidC	TCGTCAGCATGCTCTGGACG
catB	o1_ catB	ATGCGTACAGCCCCAAC
	o2_ catB	TTTGGACTCATCTAGGC
cycA	o1_ cycA	ACCCTTTCTCTCTACCTC
	o2_ cycA	CGCGATTAGACGAGATAA
acoA	o1_ acoA	TATCCATGTAGTCCGCCC
	o2_ acoA	GGTCCCACTGTCCAATGC
lysF	o1_ lysF	GCTGACGAACGAAGAAG
	o2_ lysF	GCGTTCTTAACCCATTTC
hemA	o1_ alaA	CAGAAGAAGCACCAGGAC
	o2_ alaA	GGTGTCAACTAAAGCGGC
hapX	o1_ hapX	GACACGCCTCCAACAAAG
	o2_ hapX	CTTCGAGGATCTGAGAGG
hapC	o1_ hapC	CAAGGTCAGGGAGAGTTC
	o2_ hapC	TTATCAGAGGCTTCGGGG
acnA	o1_ acnA	CGGTGATGAGGCACAGT
	o2_ acnA	CGGACGTCGACATCAACA

B) PCR-screening of the progeny of sexual crosses

Allele	Oligonucleotide	Sequence 5´→3´
sreA	o3_ sreA	CAGCGAACTTAGTCATCC
	o4_ sreA	TTACTAAGACCGTCC AGG
ΔsreA	o3_ sreA	CAGCGAACTTAGTCATCC
	o1_ argB	ATGTCACGAATGCGGAGT
hapX	o1_ hapX	GACACGCCTCCAACAAAG
	o3_ hapX	GAAAAGCACACGAACGCC
ΔhapX	o3_ hapX	CTGTTCTCCTTCCCGTCC
	o2_ argB	CGCATACTCTCCACAATCC
hapB	o1_ hapB	CTGCGGTGGTTCTTTGTC
	o2_ hapB	ATTCTCCTGTCCACCTGC
ΔhapB	o1_ hapB	CTGCGGTGGTTCTTTGTC
	o3_ argB	GGTCACTTGTCTTCCCTG
ΔhapB^{c}	o1_ alcA	CCAATCCTATCACCTCGC
	o2_ hapB	ATTCTCCTGTCCACCTGC

C) Recombinant production of HapB, HapC, HapE, HapE-ΔNΔA and HapX

Gene	Oligonucleotide	Sequence[1] 5´→3´
hapB	HapBct-for	ATATACATATGTCTGGTTCTCATCATCATCATCATCA TAG CGGATCCCCGCACGTGCAGAACGCCCAG
	HapB-r	ACGTAAGCTTTCAGCCATCTTCATCCGAGGGAC
hapB	HapB-for	AACTGGGATCCATGGAATATTCTCCACAATATC
	HapB-r	ACGTAAGCTTTCAGCCATCTTCATCCGAGGGAC
hapC	TEVHapC-for	AACTGGGATCCGAGAACCTGTACTTCCAGATGTCGT CGACCTCTCCCTCCAAG
	HapC-r	ACGTAAGCTTCTAATAAGATTCGCCACCAGCTCCGT TATG
hapE	TEVHapE-for	AACTGGGATCCGAGAACCTGTACTTCCAGATGGAGC AAGCCCAGCAGACTTCTG
	HapE81f	AACTGGGATCCGATTATAAAATCCACCAACTCCCCC TAGC
	HapE-r	ACGTAAGCTTTCACTGCTGCGGGGGTAAATGAG
hapX	hapX-for	CCATGGCAGCTCAGCCAGCCCT
	hapX-rev	CCATGGTTTGTCGGCAAATCTTCGGTC
hapX	HapXf	AACTGGGATCCATGGCAGCTCAGCCAGCCCTC
	HapXr	ACGTAAGCTTTTATTTGTCGGCAAATCTTCGGTCAAA ATA ACGCAG

[1] Introduced restriction enzyme sites are underlined.

D) SPR analysis

Promoter	Oligonucleotide	Sequence[1] 5´→3´
sreA	SREACB1	CGCCCACCGAGTCTCGCTGCAGCCAATCACAGCAAG CGTGATGACACTAC
	B-SREACB1i	Biotin-GTAGTGTCATCACGCTTGCTGTGATTGGCTGC AGCGAGACTCGGTGGGCG
lysF	LYSFC1	GTCTTGAAGACCGGGTTGACCAATGATAATCCGCGC CACCTGATTCGTCA
	B-LYSFC1i	Biotin-TGACGAATCAGGTGGCGCGGATTATCATTGGT CAACCCGGTCTTCAAGAC

[1] CCAAT boxes are underlined.

E) BiFC analysis of HapX/CBC interaction

Gene	Oligonucleotide	Sequence[1] 5´→3´
hapB	HapB 5'NcoI	CCATGGAATATTCTCCACAATATCAACAACAAC
	HapB 3'NotI	GCGGCCGCTGCCATCTTCATCCGA
hapC	HapC BiFC	CCAACAGCTCCATGGCAATGTCGTCGACC
	HapC 3‘NcoI BiFC	AACCATGGGAGGGTATCCATAAGCTGAGGC
hapX	HapX 5'NcoI	CCATGGCAGCTCAGCCAGCCCTC
	HapX 3'NotI	GCGGCCGCTTTTGTCGGCAAATCTTCG

[1] Introduced restriction enzyme sites are underlined.