Table S. Oligonucleiotides used in this study

Primer	Sequence[a] (5' - 3')
araSF1	GCGCATGCTTTTTTTTTAGAAAAACATCCAATATGTTAAC
araSF2	GCTGCATGCATGTTAAACAAGTTAGG
araSR	TTTTTTTTCATATGCTCGGGTACTTTTATGACCTAAC
araSSDR	GTGATGCATATG**AGCTTCACCTCAT**TCTCGGGTACTTTTATG[b]
araSR_TL1	GTGATGCATATGAGATATCGCCTTGTATAATC
araSR_TL2	GTGATGCATATGTAATCTACGCCTAGACATAT
albaF	CTGGCATGCTACAAAAGTATTATCATGTA
albaR	GACATGCATATGCTCTCACGAGTCATAAGTGG
Sso7dF	GTCGCATGCCATATTATAGTTGGATCTGG
Sso7dR	TCGACGCATATGTCTTCAAGTTATCC
lacSF	TGCCAGCATATGTACTCATTTCCAAATAGCTTT
lacSR	GTCGTCGACGTGCCTTAATGGCTTTACTGG
lacSF2	GGTCGCTAGCTACTCATTTCCAAATAGCTTT
lacSR*	GTCGTCGACTTAGTG CCTTAATGGCTTTAC
MCS1	TTTTTTTTCATATGCATCA**TCACCATCATCATAGTAGTGGTTTAGT**
MCS2	**CATCGATTCGCGATCCCCTT**GGT**ACTAAACCACTACTATGATGATGGTGA**
MCS3	**AAGGGGATCGCGAATCGATG**CTAGCTACG**CGTCTCCGGATGTACAAAGGC**
MCS4	**ATCAGCGTCGACCTTATCGTC**ATCATCAG**GCCTTTGTACATCCGGAGACG**
MCS5	**GACGATAAGGTCGACGCTGAT**CAAGCGGC**CGCACACCATCATCATCACCA**
MCS6	AACCCGGGAAAAAAAAGATTTTGCTTAG**TGGTGATGATGATGGTGTGCG**

[a] Restriction sites are underlined and bold-phased letters highlight the complementary sequences presented in the different MCS oligonucleotides.

[b] the 14-nt sequence incorporated into araS promoter is highlighted in red with the SD motif underlined