

Additional file 6. Primer sequences used in the present study

EXPERIMENT	NAME	SEQUENCE	FEATURES
Targeted mutagenesis	IBS cbpA _1668a	AAAAAAGCTTATAATTATCCTTATTCGCCGTCCCAAGTGCGCCCAGATAGGGTG	
	EBS1 dcbpA _1668a	CAGATTGTACAAATGTGGTGATAACAGATAAGTCGTCCCAACTAACTTACCTTTCTTTGT	
	EBS2 cbpA _1668a	TGAACGCAAGTTTCTAATTTCCGGTTGCGAATCGATAGAGGAAAGTGTCT	
	EBS universal	CGAAATTAGAAACTTGCCTTCAGTAAAC	
	IBS cdpA _537s	AAAAAAGCTTATAATTATCCTTAAGATTCGATGATGTGCGCCCAGATAGGGTG	
	EBS1 dcdpA _537s	CAGATTGTACAAATGTGGTGATAACAGATAAGTCGATGATGGTAACTTACCTTTCTTTGT	
	EBS2 cdpA _537s	TGAACGCAAGTTTCTAATTTCCGATTAATCTTCGATAGAGGAAAGTGTCT	
	IBS cdpB _53a	AAAAAAGCTTATAATTATCCTTAGTAGGCGTATCGGTGCGCCCAGATAGGGTG	
	EBS1 dcdpB _53a	CAGATTGTACAAATGTGGTGATAACAGATAAGTCGTATCGGGTAACTTACCTTTCTTTGT	
	EBS2 cdpB _53a	TGAACGCAAGTTTCTAATTTCCGATTCCTACTCGATAGAGGAAAGTGTCT	
	IBS cdpC _480a	AAAAAAGCTTATAATTATCCTTAATTTTCATAGTGGTGCGCCCAGATAGGGTG	
	EBS1 dcdpC _480a	CAGATTGTACAAATGTGGTGATAACAGATAAGTCATAGTGGTAACTTACCTTTCTTTGT	
	EBS2 cdpC _480a	TGAACGCAAGTTTCTAATTTCCGGTAAAAATCCGATAGAGGAAAGTGTCT	
Control of the mutations	2109_1510D	AAAGATGGGAAAGTGGCAGA	
	2109_1785R	CTCCGCCATAGAACAGAAGC	
	1439-454D	TCGGAGTTTTGCTTCTGGGA	
	1439-694R	TACTGCAAGCTCCCTGTTCT	
	2354_2D	TGAATTACGGTTATTTTGATGATTG	
	2354_261R	CCAGGAGGCTGACCAGTAAT	
	3412_298D	GAGTGCAGACATGGAAGTGC	
	3412_583R	CGCTGCCGTTTTTCATTTATT	
Production in <i>E. coli</i>	1439NdeI dir	TTAA CATATG AGATTCGGGTATTTTGACCG	NdeI is underlined, ATG boldface type
	1439XhoI rev	TTTT CTCGAG TTTCATTACAACGACTACATTGTGC	XhoI is underlined
	1439_a951t_rev	ATACTGATTCCAAATGTTTACAAACAGATTC	
	1439_a951t_dir	TTTGTAACATTTGGAATCAGTATCAGTGC	
	2354NdeI dir	TTAA CATATG AATTACGGTTATTTTGATGATTGT	NdeI is underlined, ATG boldface type
	2354XhoI rev	TTAA CTCGAG ACCCATAATTACCTGAACAGTATTAC	XhoI is underlined
	3412NdeI dir	TTAA CATATG AATTTTGGTCATTTTAATCCAGT	NdeI is underlined, ATG boldface type
	3412XhoI rev	ATTT CTCGAG CTTACCCACTACTACTAATATTTTCATTAGTATC	XhoI is underlined

EXPERIMENT	NAME	SEQUENCE	FEATURES
qRT-PCR	16SFrw	CTATGTTTCTTGAGTGCCGG	
	16Srev	ATACTTATTGTTGTAAGTCCGG	
	2109F	ATGAGTGCAGGCATGGTTTG	
	2109R	ACCGAGTTCTCAACTTCAACC	
	q1439_454D	TCGGAGTTTTGCTTCTGGGA	
	q1439_694R	TACTGCAAGCTCCCTGTTCT	
	q2354_374D	TTCCGTTGGGTCAAACCAC	
	q2354_589R	CCCTTTCCTCGGTCAGTTCT	
	q3412_456D	TACGGCGGAATTCACAAACC	
	q3412_676R	CGAAAGCAGAAACGGACTGG	