

**TABLE S3. Oligonucleotides used in this study**

name	sequence (5' to 3')	usage
ac-1240	GTAGAATTCGCTGAAAATGTATACGACATCGAG	cloning P <sub>1</sub> or P <sub>1+2</sub> in front of <i>lacZ</i>
ac-1241	GGAGGATCCCGTCGGCATGCTTTAGACAGT	cloning P <sub>1</sub> or P <sub>0</sub> in front of <i>lacZ</i>
ac-1242	GGAGGATCCGGCAGCGCCTTTAATACATGTT	cloning P <sub>2</sub> or P <sub>1+2</sub> in front of <i>lacZ</i>
ac-1243	GAAGAATTCACCTATCATTCTGGGAGCTTATGGG	cloning P <sub>2</sub> or P <sub>0</sub> in front of <i>lacZ</i>
ac-1280	ACAAGCTTAAAACTGGTCTGATCGATAG	cloning P <sub>1</sub> in front of <i>lacZ</i> at <i>sacA</i>
ac-1287	ACTACTAGTAATCTGATGCAATACCCGTC	cloning P <sub>1</sub> in front of <i>lux</i> at <i>sacA</i>
ac-1052	TCGGCGTTGTGTCAGAGCAACAT	LFH-PCR of <i>ydch</i> :: <i>spc</i> (replacement)
ac-1053	CAATTCGCCCTATAGTGAGTCGTGGCTTGTGTTCCGGACCGCTAAA	"
ac-1054	CCAGCTTTTGTCCCTTATAGTAGTGTGAGCGGCTTACAGGAACATTGA	"
ac-1055	TTGCTTTTGGCGACTGTCGCCTT	"
ac-1056	GTGGGGAGAAATCATTGGGACTG	<i>ydch</i> locus sequencing
ac-1057	GAACACTTCTTTTCTTCGCTG	"
asec-04	GGA GGA TCC CCC GTA TCT TTA CTC ATG TT	cloning <i>ydch</i> in pET28a
asec-64	CCA <sup>CC</sup> ATGGTCCATCATCATCATCATGGCGGTGGAATGGCACTCTAAATTTAGCGGTC	"
ac-1385	AATGTTCTCTCCGTTCC	EMSA, mutagenesis (reverse-dn)
ac-1386	GCGCAGAATAATATAGTCAACCGCAAA	EMSA, mutagenesis (reverse-up)
ac-1387	TGCGGTTGACTATATTATTCTGCGCT	EMSA, mutagenesis (forward-dn)
ac-1390	GATGAAAACAAAAGAGGCG	EMSA, mutagenesis (forward-up)
ac-1391	ACCTGACCTATATTCTCGG	EMSA, Cy-5 labelled
ac-1392	AATGTTCTCTCCGTTCC	"

**References:**

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