

Table S2. DNA primers used in this work.

Code	Description	Sequence	Restriction enzyme ^a
573	Complementary to <i>ct288</i> ; PCR verification of strain <i>ct288::aadA</i>	GATCGGATCCCGTTTATTTTAGAGTCATCAACC	-
599	Complementary to <i>ct288</i> ; DNA sequencing.	AGTTCTTG GTTCCAGATACG	-
600	Complementary to <i>ct288</i> ; DNA sequencing.	TTCTGAGTCTAGAAGCTGCG	-
627	Complementary to pEGFP- C1; DNA sequencing	TGGTCCTGCTGGAGTTCTGTG	-
628	Complementary to pEGFP- C1; DNA sequencing	TTATGTTTCAGGTTTCAGGG	-
642	Complementary to pEF6/ <i>myc</i> -His C; DNA sequencing	TAATACGACTCACTATAGGGC	-
644	Complementary to pGADT7; DNA sequencing	CTATTCGATGATGAAGATACCCACCAAACC	-
645	Complementary to pGADT7; DNA sequencing	AGTGAACTTGCGGGGTTTTTCAGTATCTACGA	-
862	Construction of pFA147, pFA184, pFA185, pFA139, and pFA197; locus-specific DNA sequencing of strain <i>ct288::aadA</i>	GCCAGCCGCACACTATATAAGTATTTGCTCGAACATTCTC C	-
863	Construction of pFA147, pFA184, pFA185, pFA139, and pFA197	GGAGAATGTTCGAGCAAATACTTATATAGTGTGCGGCTG GC	-
944	Construction of pFA147, pFA178, pFA184, pFA185, and pFA139	GGAATTCCATATGAAAAAGGCTCTGGCTCAACG	NdeI
954	Construction of pFA147, pFA179, pFA184, pFA185, and pFA139	CGCGGATCCTTAGTGATTATCTAACAGG	BamHI
977	Complementary to pGBKT7; DNA sequencing	AAATCATAAGAAATTCGC	-
1350	Construction of pFA164	GATCCTCGAGCTGAAGACAGTAGCACAGACAC	XhoI
1351	Construction of pFA164 and pFA196	GATCGAATTCTCAGATTTCAACTGGCTTTATAACAGG	EcoRI
1352	Construction of pFA167	GATCGAATTCACCATGGAAGACAGTAGCACAGACAC	EcoRI
1354	Construction of pFA168	GATCGAATTCACCATGGAAATTTGTGTGACCCAG	EcoRI

Table S2. Continued.

Code	Description	Sequence	Restriction enzyme ^a
1355	Construction of pFA167 and pFA168	ATAAGAAT <u>GCGGCCG</u> CTTAAGCATAATCAGGAACATCAT ACGGATAGATTTCAACTGGCTTTATAACAGG	NotI
1356	Complementary to <i>CCDC146</i> ; DNA sequencing	TAAGAAAGATGGAAGTGC	-
1357	Complementary to <i>CCDC146</i> ; DNA sequencing	TCTACTAACTTAGACTCC	-
1358	Complementary to <i>CCDC146</i> ; DNA sequencing	ATGAAATCCTTCTCCAGC	-
1474	Construction of pFA178 and PCR verification of strain <i>ct288::aadA</i>	CGCGGATCCTTAATATAGTGTGCGGCTGGC	BamHI
1475	Construction of pFA179	GGAATTCCATATGAAGTATTTGCTCGAACATTCTCC	NdeI
1476	Construction of pFA181 and pFA195	GGAATTCCATATGGAAGACAGTAGCACAGACAC	NdeI
1546	Construction of pSVP255	GATCGGTACCAACGGAGCCTTCTAGCTATTTTG	KpnI
1565	Construction of pSVP255	ATCTGTCTGAAGTGAGGTTTATGGTTTATTTTAGAGCTCAT C	-
1566	Construction of pSVP255	GATGAGCTCTAAAATAAACCATAAACCTCACTTCGACAG AT	-
1567	Construction of pSVP255	GATC <u>GCGGCCGCG</u> GTGATTATCTAACAGGTATTG	NotI
1593	Construction of pFA181	CGCGGATCCTTATCTTTGCTTCTCAGCAATCTTC	BamHI
1707	Construction of pFA195	GATC <u>GAATTC</u> TCTCAGATTTCAACTGGCTTTATAACAGG	EcoRI
1730	Construction of pFA196	GATCCTCGAGCTCAAATTTGTGTGACCCAG	XhoI
1733	Construction of pFA197	GATC <u>GATCC</u> ACCATGGCGAAGGCTCTGGCTCAAGC	BamHI
1734	Construction of pFA197	GATC <u>GAATTC</u> TTAAGCATAATCAGGAACATCATACGG	EcoRI
1864	Complementary to group II intron; PCR verification of strain <i>ct288::aadA</i>	ACGGATGCCGAGAATCTG	-
1865	Complementary to group II intron; PCR verification of strain <i>ct288::aadA</i>	TCTCGGAGTATACGGCTCTG	-
1898	locus-specific DNA sequencing of strain <i>ct288::aadA</i>	GATCGAATTCATATAGTGTGCGGCTGGCATG	-

Table S2. Continued.

Code	Description	Sequence	Restriction enzyme ^a
1922	Group II intron retargeting (EBS universal); locus-specific DNA sequencing of strain <i>ct288::aadA</i>	CGAAATTAGAACTTGC GTTCAGTAAAC	-
2186	Group II intron retargeting (288_114 115s_IBS1/2); locus-specific DNA sequencing of strain <i>ct288::aadA</i>	AAAA <u>AAGCTT</u> TATAATTATCCTTAATGTGCATTACGGTGCG CCCAGATAGGGTG	HindIII
2187	Group II intron retargeting (288_114 115s_EBS1/d)	CAGATT <u>GTACA</u> AATGTGGTGATAACAGATAAGTCATTAC GGGTAACCTTACCTTTCTTTGT	BsrGI/ Bsp1407I
2188	Group II intron retargeting (288_114 115s_EBS2); locus-specific DNA sequencing of strain <i>ct288::aadA</i>	TGAACGCAAGTTTCTAATTTTCGGTTCACATCCGATAGAGG AAAGTGTCT	-
-	T7 promoter primer; DNA sequencing of pML2	TAATACGACTCACTATAGGG	

^aRestriction sites are underlined.