

S2 Table. Oligonucleotide primers

Cloning		
primer name	Sequence (5' – 3'; restriction site underlined, with partial sites in italics)	RE site(s)
gyrA_Lbam	CTGTGGATCCAGTTGGCGAAGTAAAAGATGC	BamHI
gyrA_Rsal	TTTGGTGCAGAGTTAATACCACTTGCTCTTCAGG	Sall
gyrA-S81L-R	AGTCACCATGCGGGTGTATTTAC	
gyrA-S81L-F	TAGCTGTTTATGAAACCATTGTTTCG	
parC_F4 NotI	CCTGGCGGCCGCACGCTGGTCAGTGAATATGTGC	NotI
parC_R5 Sall	TATTGTCGACGCCAGACGCTAGCTTTATCTCTG	Sall
parC NcoI 3	GAGTACCATGGCTTCATAACATGCCAAGTCACCATGTGGGTGGTATTTA	NcoI
recN-up-F	GACCGCGGCCGCATCAAATTGGGTGAACTCATGC	NotI
recN-up-R	TTAAGAGCTCGAGCATAAACGCATCCAACG	SacI
recN-down-F	TTCTGAGCTCTAATAAAGAAAATGAGAGAAAAAGATTGG	SacI
recN-down-R	GCATGTCGACATCGTAAGCAGCTTTATGTTGTGG	Sall
ctpA_up-F	ATATGAGCTCTTGCAGCATTAGTCACCTATCG	SacI
ctpA_up-R	GCAAGCGGCCGCAATTTAACTGCAATGAAAGCAAAGC	NotI
ctpA_down-F	TAAAGTCGACTTTAGTACCGAAATTAATGGAACCTGG	Sall
ctpA_down-R	TCTAGAGCTCAAGTAAATTTTATACTTCCTGTTCTGTCTCC	SacI
gidA-up-R	CATCGAGCTCTTTAGGATAGTGCATGAGTACAAAAACACC	SacI
gidA-up-F	TCTTGCGGCCGCCAGCAAGTGCGAAATCACC	NotI
gidA-down-R	AAGCGTCGACAAACCGAATCTGACAAACTTGC	Sall
gidA-down-F	GAAAGAGCTCGCTTAATTATTTAAGCGTGTA AAAAAGC	SacI
ctpA-comp-F	AACTGAATTCAGATTCTGTGCCTGCTGAAATGC	EcoRI
ctpA-comp-R	CTAACTGCAGAGGAATGACTTTCGGCTCTTACGC	PstI
Tn-seq sequencing library construction		
primer name	Sequence (5' – 3')	index
<i>First PCR</i>		
Nextera 2A-R	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG	
ojj928	CTGTGTGGGCACTCGACATATGAC	
<i>Second PCR -- Leftward TN10 specific Nextera Indexed primers</i>		
Olk147	AATGATACGGCGACCACCGAGATCTACACGCAGGCGGGCCGGGGCCAAAATCAT TAGGGGATTCATCAG	GCAGGCCGG
Olk148	AATGATACGGCGACCACCGAGATCTACACAGGCAGAACCGGGGGCCAAAATCAT TAGGGGATTCATCAG	AGGCAGAA
Olk149	AATGATACGGCGACCACCGAGATCTACACCAGAGAGGCCGGGGGGCCAAAATCAT TAGGGGATTCATCAG	CAGAGAGG
Olk150	AATGATACGGCGACCACCGAGATCTACACCAGGCTGCCGGGGGGCCAAAATCAT TAGGGGATTCATCAG	CGAGGCTG
Olk151	AATGATACGGCGACCACCGAGATCTACACAAGAGGCACCGGGGGCCAAAATCAT TAGGGGATTCATCAG	AAGAGGCA
Olk152	AATGATACGGCGACCACCGAGATCTACACGAGGAGCCCCGGGGGGCCAAAATCAT TAGGGGATTCATCAG	GAGGAGCC
Olk153	AATGATACGGCGACCACCGAGATCTACACAGCGCAGACCGGGGGCCAAAATCAT TAGGGGATTCATCAG	AGCGCAGA
Olk110	AATGATACGGCGACCACCGAGATCTACACGTAAGGAGCCGGGGGGCCAAAATCAT TAGGGGATTCATCAG	GTAAGGAG
Olk154	AATGATACGGCGACCACCGAGATCTACACAACCCGGACCGGGGGCCAAAATCAT TAGGGGATTCATCAG	AACCCGGA
Olk155	AATGATACGGCGACCACCGAGATCTACACGCGAAGCCCCGGGGGGCCAAAATCAT TAGGGGATTCATCAG	GCGGAAGC
<i>Second PCR -- Rightward Nextera Indexed primers</i>		
olk141	CAAGCAGAAGACGGCATAACGAGATCCGCCTGCGTCTCGTGGGCTCGGAGATGTG	GCAGGCCGG

N703 index	CAAGCAGAAGACGGCATAACGAGATTTCTGCCTGTCTCGTGGGCTCGGAGATGTG	AGGCAGAA
N708 index	CAAGCAGAAGACGGCATAACGAGATCCTCTCTGGTCTCGTGGGCTCGGAGATGTG	CAGAGAGG
N710 index	CAAGCAGAAGACGGCATAACGAGATCAGCCTCGGTCTCGTGGGCTCGGAGATGTG	CGAGGCTG
N711 index	CAAGCAGAAGACGGCATAACGAGATTGCCTCTTGTCTCGTGGGCTCGGAGATGTG	AAGAGGCA
olk142	CAAGCAGAAGACGGCATAACGAGATGGCTCCTCGTCTCGTGGGCTCGGAGATGTG	GAGGAGCC
olk143	CAAGCAGAAGACGGCATAACGAGATTCTGCGCTGTCTCGTGGGCTCGGAGATGTG	AGCGCAGA
olk144	CAAGCAGAAGACGGCATAACGAGATCTCCTTACGTCTCGTGGGCTCGGAGATGTG	GTAAGGAG
olk145	CAAGCAGAAGACGGCATAACGAGATTCCGGGTTGTCTCGTGGGCTCGGAGATGTG	AACCCGGA
olk146	CAAGCAGAAGACGGCATAACGAGATGCTTCCGCGTCTCGTGGGCTCGGAGATGTG	GCGGAAGC
<i>Reconditioning</i>		
P1	AATGATACGGCGACCACCGA	
P2	CAAGCAGAAGACGGCATAACGA	
<i>Sequencing</i>		
olk115	CCGGGGGCCAAAATCATTAGGGGATTCATCAG	