

Name	Sequence	Used to create:
Primers used for the creation of large EPEC chromosomal island deletions. Letters in bold for antibiotics cassette homology.		
F695	CTTATCAATTTGTTGCAACGAACAGGTC ACTATCAGTCAA AATAAAATCAT GTGTAGGCTGGAGCTGCTTC	EM3321
R696	GTT CATTTT CACTCTCTGGCGAGTGCCTCGATTACTGCGATATTTAGTTAACATATGAATATCCTCCTTAG	EM3321
F665	CGCTATCACGCGAGGAGATTTT GAGGATGGTTGAGAGGATTGCTGGG TAGT GTGTAGGCTGGAGCTGCTTC	EM3323
R666	TGACGCTGGCAGGGACAATCATCGTCATGGTATGGCCAGGATTAGGATAAA CATATGAATATCCTCCTTAG	EM3323
F628	TTAATTATCAGTAAATTAATGTAAGTAGGTCATTATTAGTCAA AATAAAA GT GTAGGCTGGAGCTGCTTC	EM3325
R629	TGTGTGCCTCCGTTTGCCCCACCAATATATATTT CAGCACAAGAA CACAGCATATGAATATCCTCCTTAG	EM3325
F668	GATTGCGTACGTTCCGGCACTTTGCCAACGTACGCTACATGCATACAGTTAAGT GTAGGCTGGAGCTGCTTC	EM3327
R669	CCAGCCCTGTGCAGGCTGGCGTCAGAGGAATGAAGCCTGGT GAGTGAGCTTCATATGAATATCCTCCTTAG	EM3327
F698	TTACAACACTTTTTTCC TGAGATGGTGACGGATATTC CATATGGTGT TTATGTGTAGGCTGGAGCTGCTTC	EM3329
R699	TGGCGCGCTTCTCGTCTGCTGAATAAGAAGGTGAGCGAATTAGATGATTAACATATGAATATCCTCCTTAG	EM3329
F701	GTACGACTGGATCCGTGGGTGTTTATGTTCTCCGCAGGATATCGTTTTT AAGTGTAGGCTGGAGCTGCTTC	EM3331
R702	GCGGCACTGAAAGCTTTTGTACAACCGATGAAAGCGGCTACACGACGTTAACATATGAATATCCTCCTTAG	EM3331
F704	AAAAACACAGCCAACCACAACAATAACAGGGATGTGGTCACTTTGTGGATGT GTAGGCTGGAGCTGCTTC	EM3333
R705	CAGAAGTTAAAAGCCGGGTCGAAAACGCTTCGCCAAAGACGAGTAATCTCATATGAATATCCTCCTTAG	EM3333
F671	AAGATGACGACGATGTACAAAAAGTTTATCATAACGTCGCAAATCTCTAAT GTGTAGGCTGGAGCTGCTTC	EM3335
R672	CTCGATCCGAGCCGCAAAAGTGTGAAAAAAGCCAGTTGTGT CGGAATAAACATATGAATATCCTCCTTAG	EM3335

F674	GCGATTAATACTGCGCGTAATATAATTA AAAATCCAGCATTCTCAATCCATGTGTAGGCTGGAGCTGCTTC	EM3337
R675	CCAAAAAGCTGAAAGCTATGGGCGAAATGAAAAACGGCGAAGCGAAGTAATCATATGAATATCCTCCTTAG	EM3337
F707	GAGAAATGATGCAGTGGTGGGCGGACTGGCTTGATGAAAAGGTAGGGTGATGTGTAGGCTGGAGCTGCTTC	EM3339
R708	GGGCGATGAGCGAATTCATTTTAGCGTTTTCCATAGTACGTCTCTTTGCGCCATATGAATATCCTCCTTAG	EM3339
F710	ATGGCGGTTACCGACGGTCAATCAAATCTAAAGCTGGCATGATGCCTCCTGTGTAGGCTGGAGCTGCTTC	EM3341
R711	CGGGCGGGCGATCCGTCACGTGTTCTTCTGATGACGCGGAGATAACACATCACATATGAATATCCTCCTTAG	EM3341
F713	AAAGCGTGGGCAAAGCAGAAGAGAATAAATCAGATAGCTGGTTAACTAAAGTGTAGGCTGGAGCTGCTTC	EM3343
R714	CACGGTGACGATGGCTTTGCGTACCCGATGTAACGTATTCAGGTGTTTCGTACATATGAATATCCTCCTTAG	EM3343
F645	CGCGAATGGCAGGTGGATAAAGCGCGTATCATGAAAAACGCCATCGTTAAGTGTAGGCTGGAGCTGCTTC	EM3345
R646	CCTAATAGAAGTATGAGTGGAAGATGTGTTTATCAGGGATGAGATGGCTTTTATATGAATATCCTCCTTAG	EM3345
F677	CTCCTTCTGGCAATGCCGCTTTCCGCCGCTGGACCGACTGGTTTGCCTGAGTGTAGGCTGGAGCTGCTTC	EM3347
R678	GTGAATGTGCAGCGGCTGGAGTTTGGGCGGGTAAAGTATCAGGAGATTAACATATGAATATCCTCCTTAG	EM3347
F716	CAGTAAACGGCATATTATCAGTGATAGTTCAAACAGTTAGTAGGTAGAAAAGTGTAGGCTGGAGCTGCTTC	EM3349
R717	TTTCTGACAGGTTTGTAGAAGCAATTTTGCAGTTTTGGCGCGAAAGGTGAGCATATGAATATCCTCCTTAG	EM3349
Primers used for bacterial deletions: Letters in upper case for antibiotics cassette homology		
F398	<i>gc tctaga gacgcaagtaacggttg</i>	pCN2691
R399	<i>gc gaattc cgctgtcacctcttcatg</i>	pCN2691
F435	atgcatggtgatgtttgtaagaaagtaaagattgattcatttgaagg GTGTAGGCTGGAGCTGCTTC	CN2785
R436	accaactccatccatgcaacaaatccactacactggataaaactactaaa CATATGAATATCCTCCTTA	CN2785
F748	Ctgaatatgttcaatctgaaactggctgagtatctggtactgtacaacag GTGTAGGCTGGAGCTGCTTC	SC3518

R749	Gcactgtagtggcacagaacttctgcgacctgaccatcctaaatagctgc CATATGAATATCCTCCTTAG	SC3518
F880	aagacctgaagctcagtggcatggatactattgagctcagaatggcgag GTGTAGGCTGGAGCTGCTTC	SC3722
F882	ccgtctaaatgacggggcgatattaacatgattagaacaagaggaattht GTGTAGGCTGGAGCTGCTTC	SC3681
F884	aagtctccggttggttgaaaaatcgttcttaggtatagattcag GTGTAGGCTGGAGCTGCTTC	SC3680
F861	tatattattccactgtcagcgggaaaattatagaaaggatacaaacat GTGTAGGCTGGAGCTGCTTC	SC3720
F888	actgagc gatccgatcatagcacaattccccgcgacgaatgacgcctg GTGTAGGCTGGAGCTGCTTC	SC3678
R889	cacattgaacggcactgatgattgcgcgtatcgtatcgtgaagcgcctg CATATGAATATCCTCCTTAG	SC3678, 3680, 3681, 3720, 3722
F946	ccgtctaaatgacggggcgatattaacatgattagaacaagaggaattht CAAGAGGGTCATTATATTTTCG	SC3909, 4102
R947	atctgaatctatacctaagaacgatattttcaaccacaaccggaagacact CGACATCTTGGTTACCG	SC4102
F948	aagtctccggttggttgaaaaatcgttcttaggtatagattcag CAAGAGGGTCATTATATTTTCG	SC3908
R949	taatgaaatagaattaatttagccccctacacaagtggctgagctteta CTCGACATCTTGGTTACCG	SC3908, 3909

Primers used for cloning: italics for restriction site upper case for stop codon, underline for 6His		
R874	cg <i>ctgcag</i> TTA <u>gtgatggatggtgatg</u> ccatgaactgctggtatac	To clone <i>nleB</i> _{IE6} -6His with <i>PstI</i> site
F875	cg <i>gaattc</i> atg attaactctg ttactaatactc	To clone <i>nleE</i> _{IE6} into pSA10 with <i>EcoRI</i> site
R876	cg <i>ctgcag</i> TTA <u>gtgatggatggtgatg</u> ctcaatttagaaagtttattattatg	To clone <i>nleE</i> _{IE6} -6His into pSA10 with <i>PstI</i> site
F941	gc <i>gaattc</i> tacctaagcaggtcagcgg	To clone <i>nleB</i> _{IE6} with its promoter region into pSA10
F528	taa <i>gatcc</i> cgccaccatgg	To clone <i>mCherry</i> from pRSET-B into pEGFP-N1 with <i>BamHI</i> site
R529	gagtc <i>gcgccgc</i> ttactgtacagctgtccatg	To clone <i>mCherry</i> from pRSET-B into pEGFP-N1 with <i>NotI</i>
F982	ga <i>gctga</i> caagtactgcgccgcgactctagatc	To create <i>ScaI</i> site instead of stop codon in pMS30
R983	gatctag agtcgcgccgc agtact tgtacagctc	To create <i>ScaI</i> site instead of stop codon in pMS30
F807	ggttg <i>ggtacc</i> atgattaatcctgttactaatactc	To create both <i>nleE</i> _{IE2} - <i>blaM</i> and <i>nleE</i> _{IE6} - <i>blaM</i> fusions in pHG3760 and pHG3761 respectively, with <i>KpnI</i> .
R808	gc <i>gaattc</i> cc ctctatttagcaaatattattatg	Used to create the <i>nleE</i> _{IE2} - <i>blaM</i> fusion in pHG3760 with <i>EcoRI</i>
R811	gc <i>gaattc</i> cc ctcaatttagaaagtttattattatg	Used to create the <i>nleE</i> _{IE6} - <i>blaM</i> fusion in pHG3761 with <i>EcoRI</i>
F984	aaa <i>agtact</i> cg atg attaactctg ttactaatactc	To clone <i>nleE</i> _{IE6} or <i>nleE</i> _{IE2} downstream to <i>mCherry</i> with <i>ScaI</i>
R985	ataagaat <i>gcgccgc</i> TTA <u>gtgatggatggtgatg</u> ctcaatttagaaagtttattattatg	To clone <i>nleE</i> _{IE6} or <i>nleE</i> _{IE2} downstream to <i>mCherry</i> with His6 with <i>NotI</i>

