

**Supplementary Table S5. Oligonucleotides used in this study.**

<b>Primer</b>	<b>Sequence</b>
OBT457 (eco UpF)	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAGGACGACATCGT CGCCTTTCTC
OBT458 (eco UpR)	CGTTTATTTCGCTGACCGCTTTCTCGATCAGTAGTGCTTTCATG TCCTTGAG
OBT459 (eco DownF)	GAGAAAGCGGTCAGCGAATAAACG
OBT460 (eco DownR)	GGGGACCACTTTGTACAAGAAAGCTGGGTAGACCGCAAGCCAT GAAGGTCTG
OBT461 (eco SeqF)	GAGGAACCGTCATGGACACCAG
OBT462 (eco SeqR)	CAAATCGCCTACCTTAGACGGAC
OBT469 (attB5 primer for eco)	GGGGACAACCTTTGTATACAAAAGTTGCGAAAGAGGAGAAATTA AGCATGAAAGCACTACTGATCGCCGC
OBT470 (attB2 primer for eco)	GGGGACCACTTTGTACAAGAAAGCTGGGTATTATTTCGCTGACC GCTTTCTCGAC
OBT609 (E. coli eco primer)	AAATGAAGAAGGAAAGCAAAAAAATGAAGACCATTCTACCGTG TAGGCTGGAGCTGCTTC
OBT610 (E. coli eco primer)	TTCTCTTCCGCCTTCCAGACGCGGTACTTCACATCTACATCAT ATGAATATCCTCCTTAG
OBT611 (E. coli eco SeqF)	CGGGCTTTTGTCTCACATTTCAAATG
OBT612 (E. coli eco SeqR)	AACCGGCTTGGGCGTTAGATG
OBT616 (attB1 primer for recombinant eco)	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAATGAAGACCATT CTACCTGCAGTATTGTTTGCCGCTTTCGCTACCACTTCCGCCT GGGCGGCCAAACTGGATGAAAAGGTTCCCTAC
OBT617 (attB2 primer for recombinant eco)	GGGGACCACTTTGTACAAGAAAGCTGGGTATTATTAGTGGTGG TGATGGTGTATGATGGTGGTGTATGGCTGCTGCCTTCGCTGACCG CTTTCTCGAC
OBT807 (attB2 primer for eco)	GGGGACCACTTTGTACAAGAAAGCTGGGTACGTTTATTTCGCTG ACCGCTTTCTC
OBT810 (attB1 primer for eco)	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAACCGAGGAATAC GTCGAGGACCATC
M13F (-21)	GTAAAACGACGGCCAG
M13R	CAGGAAACAGCTATGAC
OJHH506 (pUC18backboneR01)	GGCCGATTCATTAATGCAGC
OJHH507 (Tn7LF01)	GTGTAAAGCCTGGGGTGC
OJHH1695 (miniTn7F01-Seq)	CTAATTCGATCATGCATGAGCTC
OJHH1696 (miniTn7R02-Seq)	CACTTATCTGGTTGGCCTGCAAG
OJHH469 (attP1-GWcassette201-F02)	ATCCGGAAGCTTGTTAACGCTAGCATGGATCTC
OJHH470 (attP2-GWcassette201-R02)	ATCCGGAAGCTTTCATGATGATATATTTTTTATCTTGTGC
OJHH510 (T4-Terminator- kpnI-1)	\5Phos\ -CTTGGGGACCCTAGAGGTCCCCTTTTTTATTTTTT GGGGACCCTAGAGGTCCCCTTTTTTATTTTTTGGTAC
OJHH511 (T4-Terminator- kpnI-2)	\5Phos\ -CAAAATAAAAAAGGGGACCTCTAGGGTCCCCAAAA AATAAAAAAGGGGACCTCTAGGGTCCCCAAGGTAC