

ORIT-1	GTGCCTTGCTCGTATC	54.7	0.7 kb
ORIT-2	CCTGCTTCGGGGTCATTATAG	64.4	
oriT (F1050)	GGAAAGTTACACGTTACTAAAGGG	60.7	0.3 Kb
oriT (R2210)	GTACTCTCTCTTATATATACAAATGG	55.9	
Lok 3F	GAAAGAAGAACATAATTTACCAG	55.4	0.75Kp
Lok 1R	CTGCACATCTGTATACATATAACTG	57.0	
tcdB -F	CAATGAACTTGTA CTTCGAGATAAG	59.8	0.42 kb
tcdB-R	CTCACCTCCATAGTTATATCTTATACGG	62.1	

Table 2. Primers used in this study

ORIT-1 and 2 primer pair amplify a sequence within *oriT* of 700 bp. oriT (F1050) and oriT (R2210) bind to sites flanking *oriT* and in pMTL9301 Δ *oriT* will produce a PCR product of 300 bp. Lok 3F and Lok 1R amplify the region flanking the PaLoc (in CD37 this results in amplification of a 0.75 kb fragment as CD37 does not contain the PaLoc). In 630 Δ erm the primer should amplify the PaLoc region but this is too large for the conditions used here (19.6 kb). Primers tcdB-F and tcdB-R amplify a region of *tox*B 400 bp), this is present in 630 Δ erm but not CD37.