

Exclusion of pBR322 after co-transformation with pUC19 into *Escherichia coli* is mediated by the *rop* gene

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SUPPLEMENTAL MATERIAL

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0001 NNNNNNNNNN GTCTGNANCG CGGAGTCAGC GCCCTGCACC ATTATGTTCC
0051 GGATCTGCAT CGCAGGATGC TGCTGGCTAC CCTGTGGAAC ACCTACATCT
0101 GTATTAACGA AGCGCTGGCA TTGACCTGA GTGATTTTTC TCTGGTCCCG
0151 CCGCATCCAT ACCGCCAGTT GTTTACCCTC ACAACGTTCC AGTAACCGGG
0201 CATGTTTCATC ATCAGTAACC CGTATCGTGA GCATCCTCTC TCGTTTCATC
0251 GGTATCATT A CCCCCATGAA CAGAAATCCC CTTACACGG AGGCATCAGT
0301 GACCAAACAG GAAAAAACC G CCTTAACAT GGCCCGCTTT ATCAGAAGCC
0351 AGACATTAAC GCTTCTGGAG AA ACTCAACG AGCTGGACGC GGATGAACAG
0401 GCAGACATCT GTGAATCGCT TCACGACCAC GCTGATGAGC TTTACCGCAG
0451 CTGCTAGCTA GCTACGGCCG ATCGATCGAT CCAGCTGCCT CGCGCGTTTC
0501 GGTGATGACG GTGAAAACCT CTGACACATG CAGCTCCCGG AGACGGTCAC
0551 AGCTTGTCTG TAAGCGGATG CCGGGAGCAG ACAAGCCCGT CAGGGCGCGT
0601 CAGCGGGTGT TGGCGGGTGT CGGGGCGCAG CCATGACCCA GTCACGTAGC
0651 GATAGCGGAG TGTATACTGG CTTAACTATG CGGCATCAGA GCAGATTGTA
0701 CTGAGAGTGC ACCATATGCG GTGTGAAATA CCGCACAGAT GCGTAAGGAG
0751 AAAATACCGC ATCAGGCGCT CTTCCGCTTC CTCGCTCACT GACTCGCTGC
0801 GCTCGGTCGT TCGGCTGCGG CGAGCGGTAT CAGCTCACTC AAAGGCGGTA
0851 ATACGGTTAT CCACAGAATC AGGGGATAAC GCANGAAAGA ACATGTGAGC
0901 AAAAGGCCAG CAAAAGGCCA GGAACCGTAA AAAGGCCGCG TTGCTGGCGT
0951 TTTTCCATAG GCTCCGCCCC CTTGACGAGC ATCACAAAAA TCGACGCTCA
1001 AGTCAGAGTG NGAAACCCGA CAGGACTATA AGATACCAGN GTTTCCCCTG
1051 GAAGCTCCCT CGTGNGCTCT NCTGTTCCGA CCTGCNCTAC CGGATACCTG
1101 TCCGCNTTTC TNCCNTCGGN ANCGNGNNCT TTCTCATAGC TCCCNCTGTA
1151 GNNTCTCANN NGNGNAGNC NNGGCTNNNN TGGGNNGNNN NNNGANCCCC
1201 NNNNNNCNAC NNTGCNCTTA TCNNACTATC GNNTGNNNCN ANCCNNNANN
1251 ANNNNNNTN NNNNNNN

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FIG S1 Sequencing result of pCAWK using the forward primer.

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0001 NNNNNNNNNN NNNNNNGNTA TCGCTACGTG ACTGGGTCAT GGCTGCGCCC
0051 CGACACCCGC CAACACCCGC TGACGCGCCC TGACGGGCTT GTCTGCTCCC
0101 GGCATCCGCT TACAGACAAG CTGTGACCGT CTCCGGGAGC TGCATGTGTC
0151 AGAGGTTTTT ACCGTCATCA CCGAAACGCG CGAGGCAGCT GGATCGATCG
0201 ATCGGCCGTA GCTAGCTAGC AGCTGCGGTA AAGCTCATCA GCGTGGTCGT
0251 GAAGCGATTC ACAGATGTCT GCCTGTTTAT CC GCGTCCAG CTCGTTGAGT
0301 TTCTCCAGAA GCGTTAATGT CTGGCTTCTG ATAAAGCGGG CCATGTTAAG
0351 GCGGGTTTTT TCCTGTTTGG TCACTGATGC CTCCGTGTAA GGGGGATTTT
0401 TGTTTCATGGG GGTAATGATA CCGATGAAAC GAGAGAGGAT GCTCACGATA
0451 CGGGTTACTG ATGATGAACA TGCCCGGTTA CTGGAACGTT GTGAGGGTAA
0501 ACAACTGGCG GTATGGATGC GGCGGGACCA GAGAAAAATC ACTCAGGGTC
0551 AATGCCAGCG CTTCTGTTAAT ACAGATGTAG GTGTTCCACA GGGTAGCCAG
0601 CAGCATCCTG CGATGCAGAT CCGGAACATA ATGGTGCAGG GCGCTGACTT
0651 CCGCGTTTCC AGACTTTACG AAACACGGAA ACCGAAGACC ATTCATGTTG
0701 TTGCTCAGGT CGCAGACGTT TTGCGAGCAG AGTCGCTTCA CGTTCGCTCG
0751 CGTATCGGTG ATTCATTCTG CTAACCAGTA AGGCAACCCC GCCAGCCTAG
0801 CCGGGTCCTC AACGACAGGA GCACGATCAT GCGCAGCCGT GGCCAGGACC
0851 CAACGCTGCC CGAGATGCGC CGCGTGCGGC TGCTGGAGAT GGCGGACGCG
0901 ATGGATATGT TCTGCCAAGG GTTGGTTTGC GCATTACAG TTCTCCGCAA
0951 GAATTGATTG GCTCCAATTC TTGGNGTGGT GAATCCGTTA GCGAGGTGCC
1001 GCCGGCTTCC ATTCAGGTCG AGGTNGCCCC GGCTCCATGC ACCGCGACGC
1051 ACNNGGGGAG GCNGANNAGG TATAGGGCGG CGCCTACAAT CCATGCCAAC
1101 CCGTTCCATG TGCTCGCCNA NGCGGCNTAA ATCNNNCNNG ACGATCAGCG
1151 NCCAATGATC GAAGTTAGNT GNAAGAGCCG CNNNNCGATC CTTGAAGCCT
1201 NTCCCNNATG NNGTTCATNN TNCNNCTNG NNNGCATNNN TGNAACGNNN
1251 GGNNNTNCCN ATNCCNCNNG AAN
    
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SUPPLEMENTARY FIG 2 Sequencing result of pCAWK using the reverse primer.