Construction of pCXZ14W, a Novel pUC19-derived Plasmid Encoding the *rop* Gene

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SUPPLEMENTAL MATERIAL

	e ID: ICI	218619 Length: '	1242 Number of Matcl	nes: 1			
Range 1:	32 to 2	12 Graphics			V Next Match	A Previous Match	
Score 324 bits	(175)	Expect 5e-93	Identities 178/181(98%)	Gaps 0/181(0	%) Strand %) Plus/Mir	านร	
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Sbjct	212	GTGACCAAAC	AGGAAAAAACCGCC	CTTAACATG	GCCCGCTTTATCA	GAAGCCAGACATTA	1
Query	61	ACGCTTCTGG	AGAAACTCAACGAG	CTGGACGCG	GATGAACAGGCAG	ACATCTGTGAATCG	1:
Sbjct	152	ACGCTTCTGG	AGAAACTCAACGAG	CTGGACGCG	GATGAACAGGCAG	ACATCTGTGAATCG	9:
Query	121	CTTCACGACC	ACGCTGATGAGCTT	TACCGCAGC	IGCCTCGCGCGTI	TCGGTGATGACGGT	1
Sbjct	92	CTTCACGACC	NCGCTGATGAGCTT	TACCGCAGC	IGCCTCGCGCGTI	TCGGTGANNACGGT	3
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FIG S1 BLAST Alignments of correct sequence of *rop* with polyhistidine-tag fused in frame to the plasmid sequence determined by GeneWiz using universal primers M13F(-21) (A) and M13R (B).

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FIG S2 pCXZ14W plasmid map. Two restriction sites, XbaI and EcoRI that were used in our cloning strategy are marked.



FIG S3 18% SDS-PAGE gel showing protein expression profiles of *E.coli* DH5α cells harboring either pUC19 or pCXZ14W plasmid induced by IPTG or not. 1 ml culture of each group was pelleted and boiled in SDS sample buffer. Approximately 20 μg protein from each group was loaded into SDS-PAGE gel. Novex[®] Sharp Pre-stained Protein Standard was used.