

>pDyne Vector Map

Blue text: Lac promoter region

Bold text: M13 F/R primer region

Italic text: MCS region

Red text: Insert location

Yellow box: *ccdB* gene region

Blue box: kanamycin resistance region

Green box: Ampicillin resistance region

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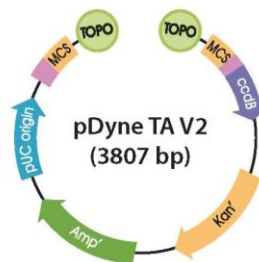
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Dyne TA kit/ Dyne TA core kit

Cat. No. DYK1010, DYK1012/ DYK1020, DYK1022

• pDyne TA V2의 도식 (3807 bp)

- topoisomerase (TOPO)의 분자는 pDyne TA에 있는 2개의 3' end에 (nt 위치 294, 295) 공유결합으로 이어져있다.
- Lac promoter/operator : 95-216
- M13 Reverse Primer binding site : 205-221
- LacZ α ORF : 217-534
- MCS, Multiple Cloning Sites : 234-357
- M13(-20) Forward primer binding site : 391-406
- ccdB ORF : 544-846
- Kanr gene : 1057-1989
- Ampr gene : 2007-2867



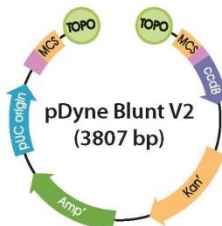
<i>lacZα</i> ATG																																																									
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TCA	CTT	AGC	ATA	ATG	TTA	AGT	GAC	CGG	CAG	CAA	AAT	GTT	GCA	GCA	CTG	ACC	CTT	TTG																																							

Dyne Blunt Kit/ Dyne Blunt core kit

Cat. No. DYK1030, DYK1032/ DYK1040, DYK1042

• pDyne Blunt V2의 도식 (3807 bp)

- Topoisomerase (TOPO)는 pDyne Blunt V2에 있는 2개의 3' 말단에 (nt 위치 294, 295) 공유결합 하고있다.
- Lac promoter/operator : 95-216
- M13 Reverse Primer binding site : 205-221
- LacZ α ORF : 217-534
- MCS, Multiple Cloning Sites : 234-357
- M13(-20) Forward primer binding site : 391-406
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- Kanr gene : 1057-1989
- Ampr gene : 2007-2867
- puc origin : 3012-3685



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TCA	CTT	AGC	ATA	ATG	TTA	AGT	GAC	CGG	CAG	CAA	AAT	GTT	GCA	GCA	CTG	ACC	CTT	TTG																																							

Dyne TA-Blunt Kit/ Dyne TA-Blunt core kit

Cat. No. DYK1050, DYK1052/ DYK1060, DYK1062

▪ pDyne TA-Blunt V2의 도식 (3807 bp)

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