

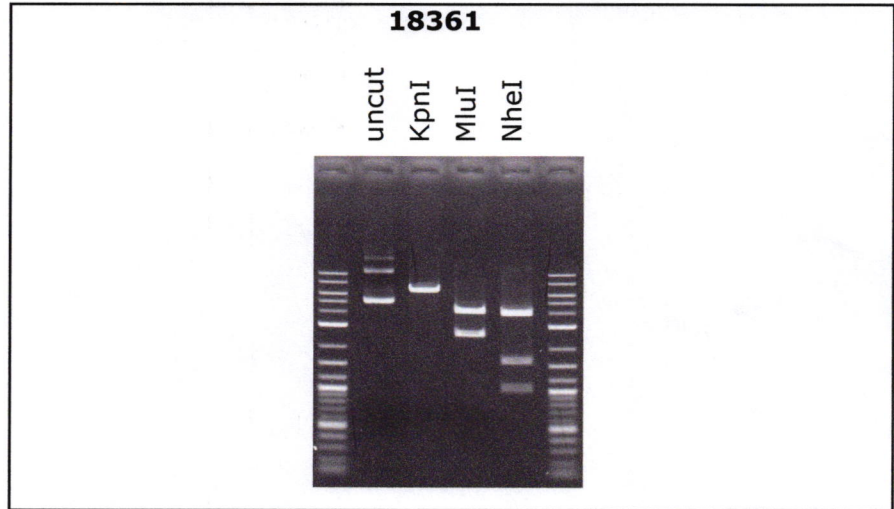
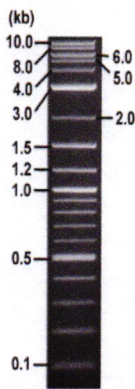


RIKEN DNA BANK

clone name : **PMK322 (TOP2A-mAC (Hygro))**

- Clone ID : RDB_18361
- Lot : 18361_B1K1
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
KpnI	6.6 kbp
MluI	4.1, 2.6 kbp
NheI	4.0, 1.6, 1.0 kbp

● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0739	pUC-CAPbs_up_F2	hTOP2A_1, linker, mAID 5'
Sequence - B	Pr0310	pUC-M13_-100	hTOP2A_2, loxP-2, mPGK ter
Sequence - C	Pr0793	PGKpro_R	PGK pro, loxP-1. SV40 pA, mClover(A206K) 3'
Sequence - D	Pr0249	PGKpro_F	HygR
Sequence - E	Pr0026	EGFP-C-rev	mClover(A206K) 5', mAID 3'
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

