

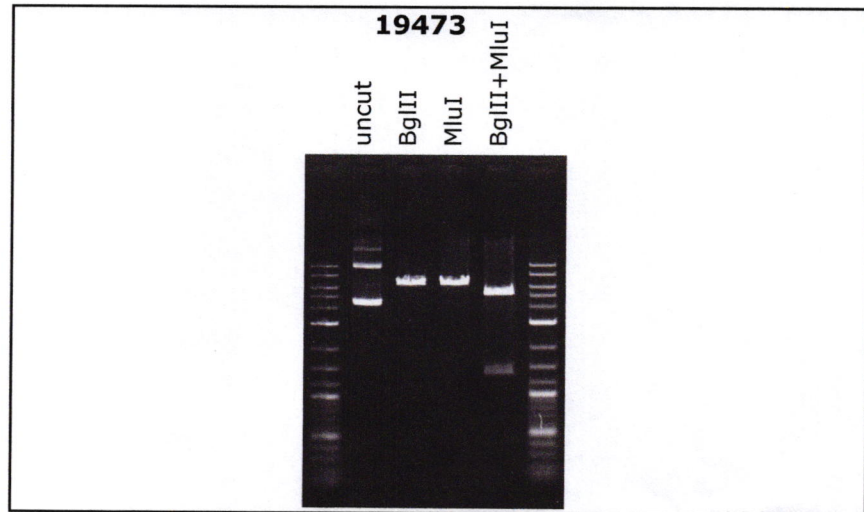
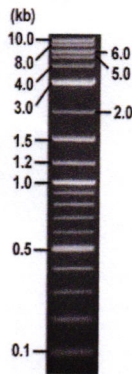


RIKEN DNA BANK

clone name : **pBS-CaMKIIpro-XCaMP-B-WPRE**

- Clone ID : RDB_19473
- Lot : 19473_B2A4
- 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
<u>BglII</u>	<u>6.5</u> kbp
<u>MluI</u>	<u>6.5</u> kbp
<u>BglII+MluI</u>	<u>5.1, 1.4</u> kbp
_____	_____ 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	Pr0310	pUC-M13_-100	insert 5'(CaMKII pro 5')
Sequence - B	Pr0100	reverse-2	insert 3'(SV40 pA,WPRE)
Sequence - C	Pr0026	EGFP-C-rev	insert mid(XCaMP-B 5',CaMKII pro 3')
Sequence - D	Pr0250	PRE_rev	insert mid(WPRE,XCaMP-B 3')
Sequence - E	Pr0772	FP-C_F1	insert mid(XCaMP-B mid)
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY

