



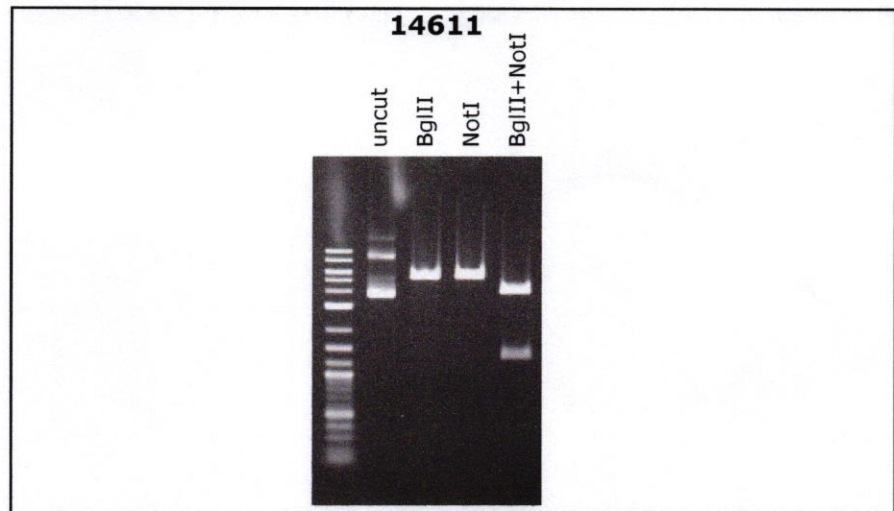
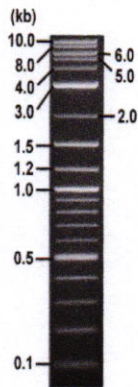
RIKEN DNA BANK

clone name : **G-CaMP8**

- Clone ID : RDB_14611
- Lot : 14611_A7Bg
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 25 microgram/ml Kanamycin
- 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
BglII	5.3 kbp
NotI	5.3 kbp
BglII+NotI	3.9, 1.4 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	Pr0016	CMV_Forward	CMV pro,5xHis,T7 tag,Xpress tag,insert 5'
Sequence - B	Pr0109	SV40polyA-R	insert 3'
Sequence - C	Pr0154	SV40pro_F_V2	NeoR_KanR
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

