

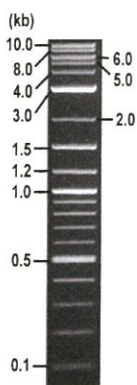


**RIKEN DNA BANK**

clone name : Dronpa2/pRSETB

- Clone ID : RDB\_15257
- Lot : 15257\_A7H9
- 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

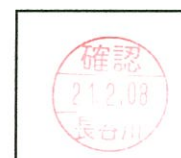
Restriction enzyme	Expected size of fragment
<u>XbaI</u>	<u>3.5</u> kbp
<u>HindIII</u>	<u>3.5</u> kbp
<u>XbaI+HindIII</u>	<u>2.7, 0.8</u> kbp
	_____ kbp

● 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	Pr0724	lacIpro-B_F	T7 pro, RBS, 6xHis, T7 tag, Xpress tag, insert 5'
Sequence - B	Pr0798	T7ter_R1	insert, Xpress tag, T7 tag, 6xHis
Sequence - C	-	-	-
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

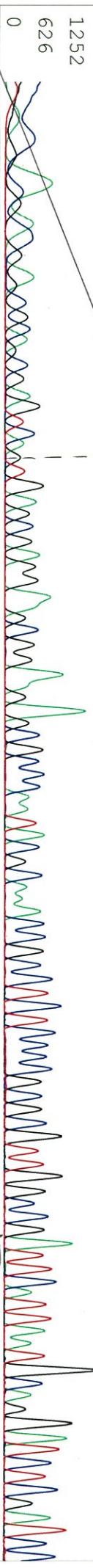


S/N G:647 A:540 T:352 C:335 primer name A : lacpro-B\_F  
KB:bcpc 5'-CCGCCTTTGAGTGAGCTGATA-3'

15257\_BOL4F\_2\_lacpro-B\_F  
KB\_3500\_POP7\_BDIv3.mob  
Pis 1438 to 13906 Pk1 Loc: 1415  
Version 6.0 HISQV Bases: 967

Jan 21, 2021 10:11AM, JST  
Jan 21, 2021 10:39AM, JST  
Spacing: 12.3 Pts/Panel1350  
Plate Name: 20210121 Kitaku

NN NN NN INN NN NN IN CGNNCG NN TTNGTG AGCGAGG AAGCG GAAGAGCC GCCCAATACGCCAAACCGCCCTCTCCCCCGCGCTTGCCCGATTTCATTAATGCAGGATCTCGATCC



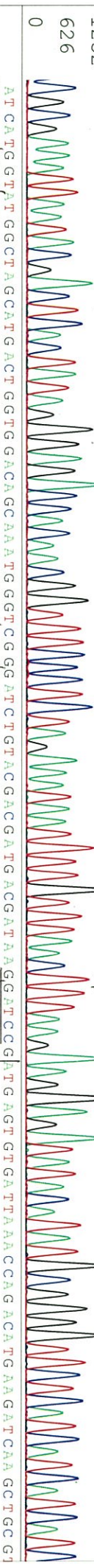
TT9 pro

Xba I

RBS

Nde I

6x His

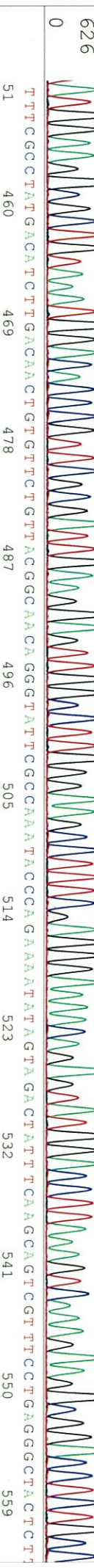
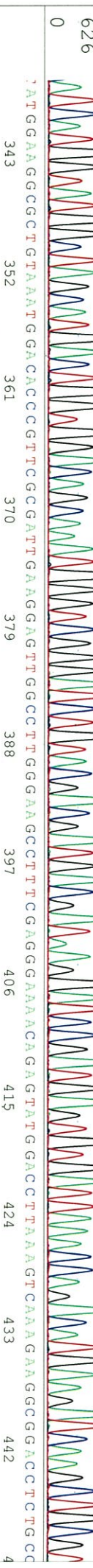


TT9 tag

Xpress tag

BamHI

Dronpa - Green 2



Nco I



S/N G:217 A:158 T:177 C:151

primer name  $\beta$  : T7ter\_R1

KB\_3500\_POP7\_BDTV3.mob

Jan 21, 2021 10:11AM, JST

KB.bcp

5'-AGCAAAAAAACCCCTCAAG-3'

Pls 1389 to 13783 PK1 Loc:1366

Jan 21, 2021 10:39AM, JST

KB 1.4.1.8 Cap:18

Version 6.0 HiSQV Bases: 979

Spacing:12.21 Pls/Panel1350

Hind III EcoRI

