RIKEN_Clone_ID : IRAL005C09

Lot#: 7566_B2Ab

Vector : pOTB7

Gene	MRPS6	
Accession No.	BC000547.2	940 bp
	CDS	378 bp

● Plasmid DNA purification

Date : 22.01.12　　Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 22.01.13　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.01.13

DNA concentration (O.D.): 146 ng/ul

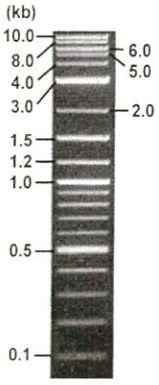
DNA	0.7 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.3 ul
Total	10 ul

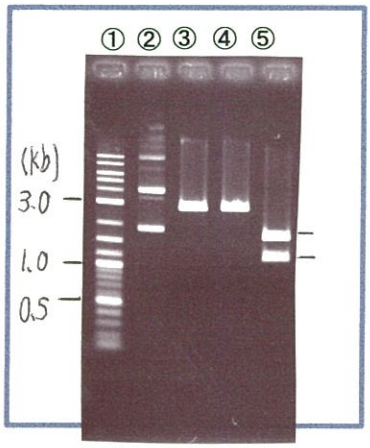
< Size of fragment expected from this clone >

BamHI	2.7 kb	
BglII	2.7 kb	
BamHI + BglII	1.6kb (Vector)	1.1 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)





①:Marker
②:uncut
③:BamHI
④:BglII
⑤:BamHI + BglII

● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.01.18

DNA (146 ng/ul)	82.0	ul
10x TE	47.8	ul
dH_2O	349.0	ul
Total	478.8	ul

● Confirmation of the insertion sequence

Date : 22.01.17

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	~~poly(A) region primer #01~~
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

22.1.17

APPROVED BY :

http://dna.brc.riken.jp/index.html

Applied Biosystems

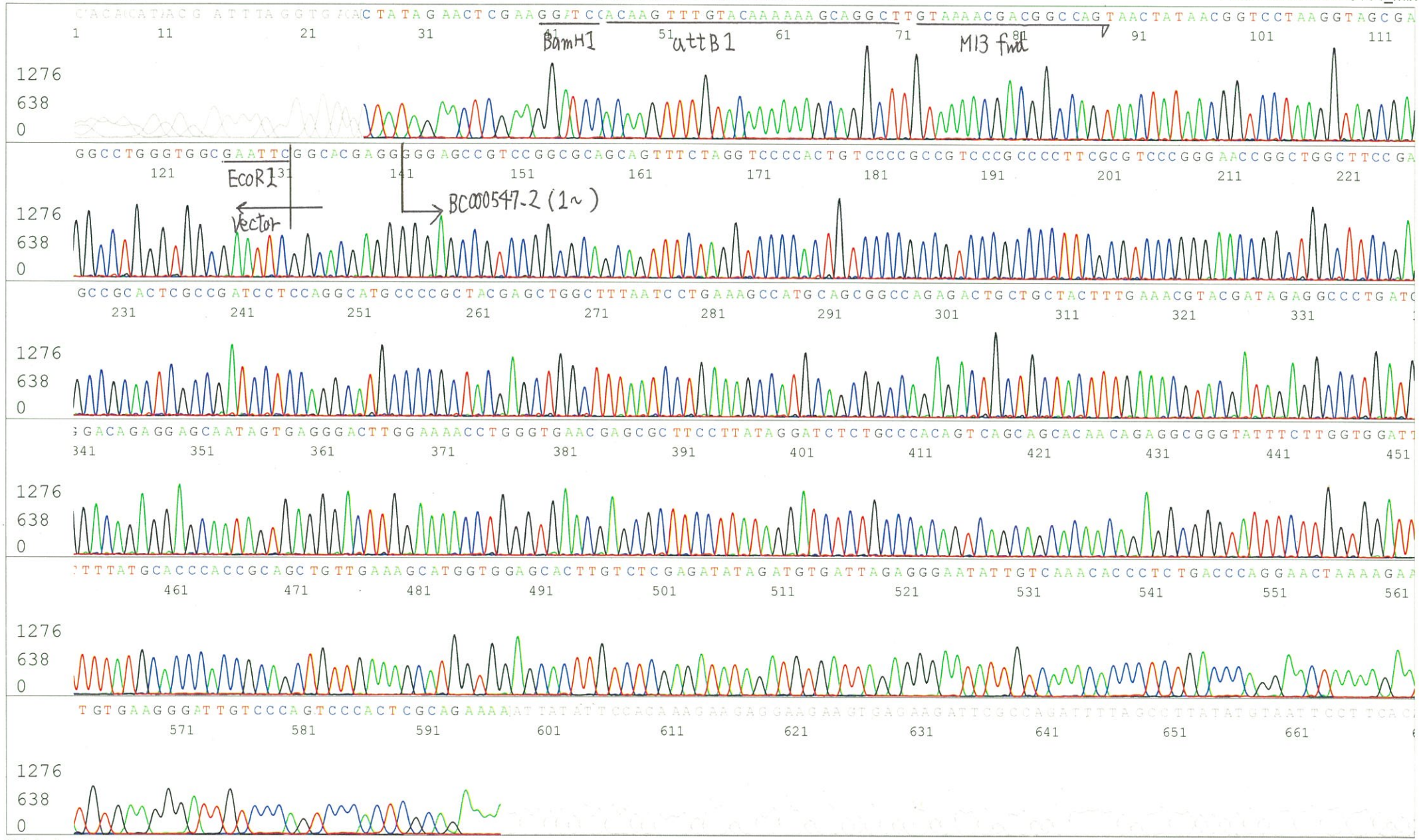
S/N G:182 A:204 T:137 C:21
KB.bcp
KB 1.4.1.8 Cap:3

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

7566_IRAL005C09_B2Ab_pOTB7_F_C02_03_ABI08
7566_IRAL005C09_B2Ab_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1726 to 8704 Pk1 Loc:1694
Version 6.0 HiSQV Bases: 672

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 14,2022 11:00AM, JST
Jan 14,2022 11:17AM, JST
Spacing:10.7 Pts/Panel1350
Plate Name: 20220114_mix



Applied Biosystems

S/N G:77 A:115 T:89 C:105
KB.bcp
KB 1.4.1.8 Cap:4

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

7566_IRAL005C09_B2Ab_pOTB7_R_D02_04_ABI08
7566_IRAL005C09_B2Ab_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1726 to 8704 Pk1 Loc:1694
Version 6.0 HiSQV Bases: 658

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 14,2022 11:00AM, JST
Jan 14,2022 11:17AM, JST
Spacing:10.79 Pts/Panel1350
Plate Name: 20220114_mix

