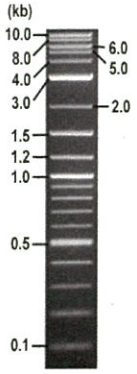
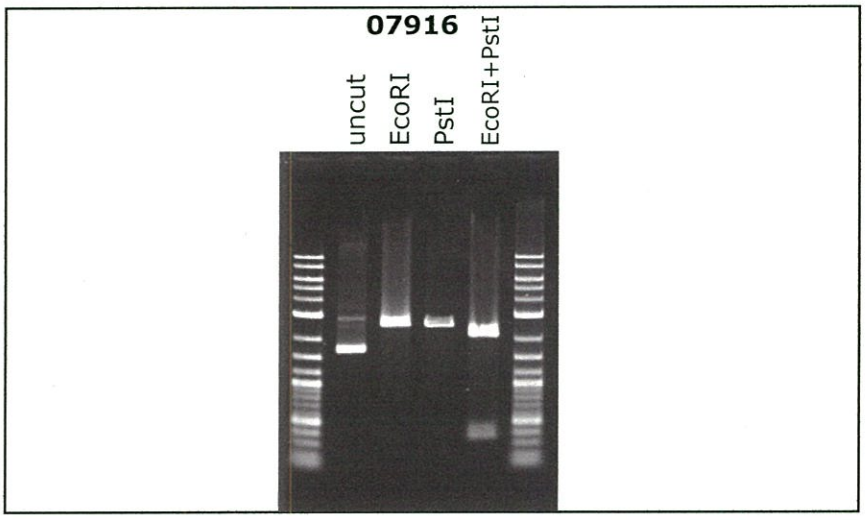
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK clone name : pENTR4-H1tetOx1

- **Clone ID** : RDB _ 07916
- **Lot** : 12397 _ A4L8
- **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	
EcoRI	:	**2.5**	kbp
PstI	:	**2.5**	kbp
EcoRI+PstI	:	**2.2, 0.4**	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	Pr1210	H1_pro-C_R	H1 pro, attL1, rrnB T2_T1 ter, ori
Sequence - B	Pr0530	KanR-N_R	KanR, attL2, tetO, H1 pro
Sequence - C	-	-	-
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 22.5.19 金藤

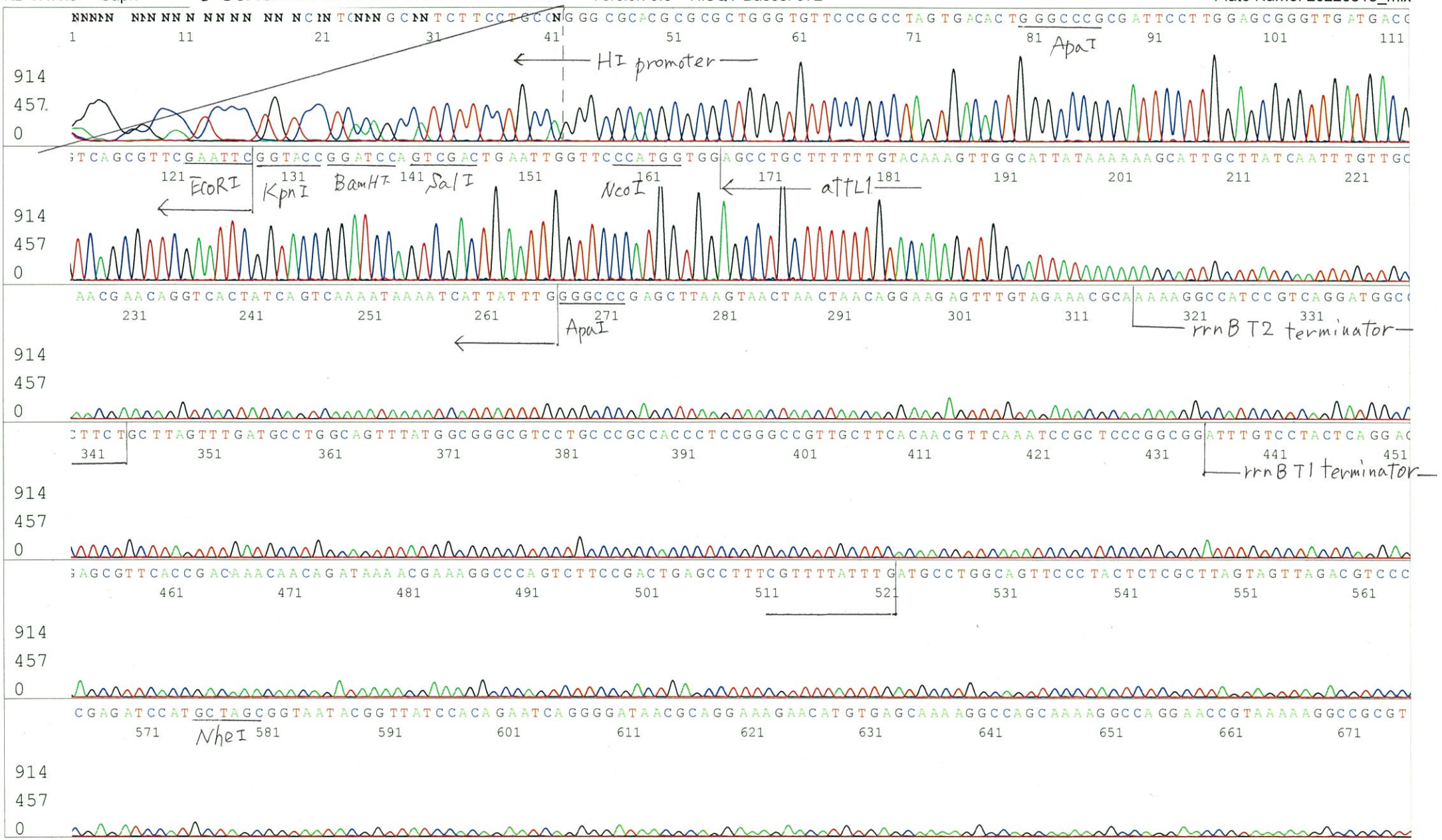
Applied Biosystems

S/N G:63 A:41 T:34 C:46
KB.bcp
KB 1.4.1.8 Cap:7

primer name A : H1_pro-C_R
5'-CCAGAACACATAGCGACATGC-3'

7916_12397_B2E9F_H1_pro-C_R_G01_07_ABI08
7916_12397_B2E9F_H1_pro-C_R
KB_3500_POP7_BDTv3.mob
Pts 1240 to 13685 Pk1 Loc:1217
Version 6.0 HiSQV Bases: 972

Inst Model/Name 3500/3500 Instrument
May 13,2022 02:17PM, JST
May 13,2022 02:46PM, JST
Spacing:12.09 Pts/Panel1350
Plate Name: 20220513_mix



Applied Biosystems

S/N G:63 A:41 T:34 C:46
KB.bcp
KB 1.4.1.8 Cap:7

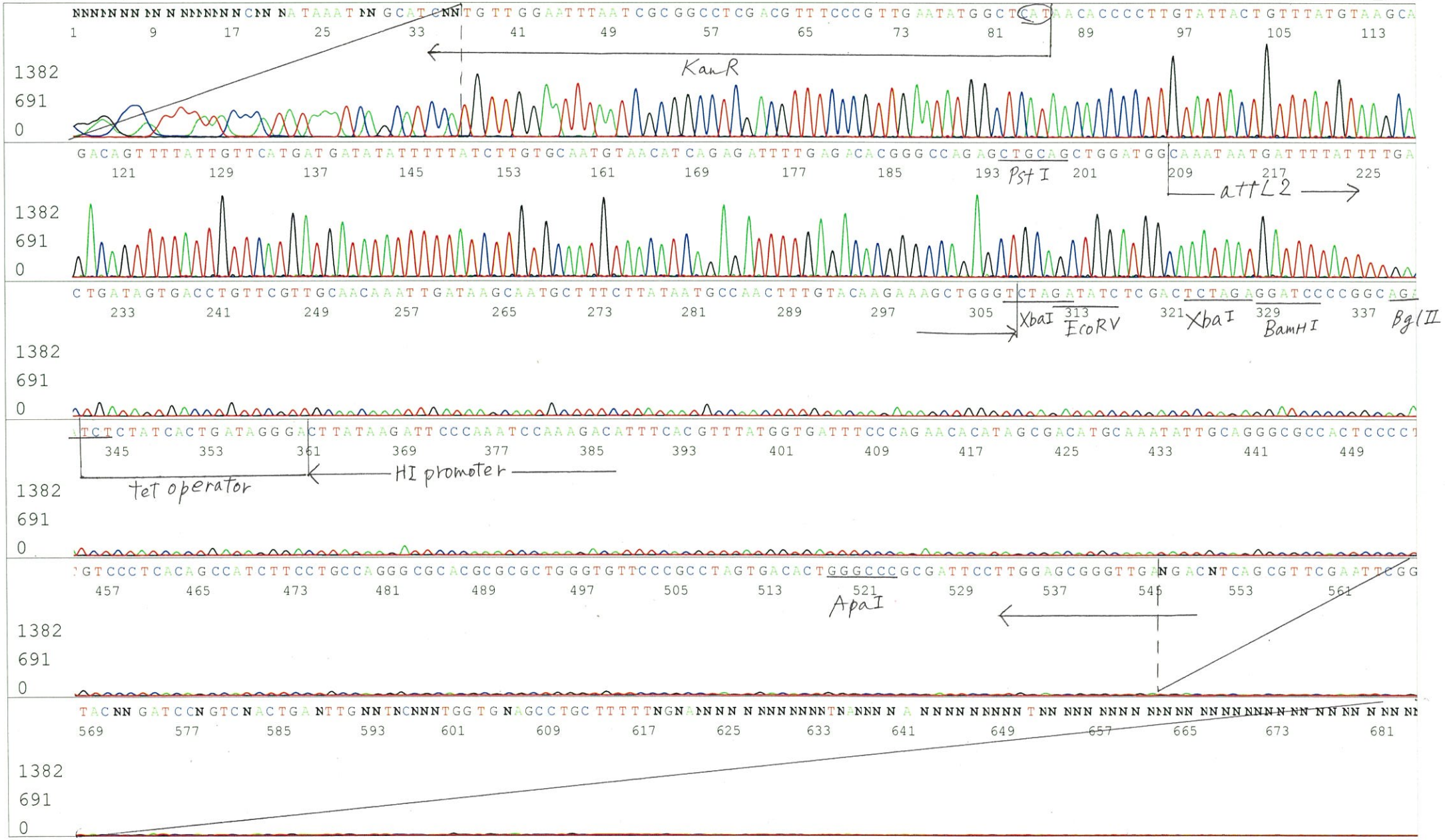
7916_12397_B2E9F_H1_pro-C_R_G01_07_ABI08
7916_12397_B2E9F_H1_pro-C_R
KB_3500_POP7_BDTv3.mob
Pts 1240 to 13685 Pk1 Loc:1217
Version 6.0 HiSQV Bases: 972

Inst Model/Name 3500/3500 Instrument
May 13,2022 02:17PM, JST
May 13,2022 02:46PM, JST
Spacing:12.09 Pts/Panel1350
Plate Name: 20220513_mix

Applied Biosystems

S/N G:103 A:91 T:83 C:74
KB.bcp
KB 1.4.1.8 Cap:7

primer name B : KanR-N_R
5'-AGATTGTCGCACCTGATTGC-3'

7916_12397_B2E9F_KanR-N_R_G01_07_ABI08
7916_12397_B2E9F_KanR-N_R
KB_3500_POP7_BDTv3.mob
Pts 1589 to 8428 Pk1 Loc:1557
Version 6.0 HiSQV Bases: 587

Inst Model/Name 3500/3500 Instrument
May 10,2022 01:45PM, JST
May 10,2022 02:01PM, JST
Spacing:10.47 Pts/Panel1350
Plate Name: 20220510_MGE