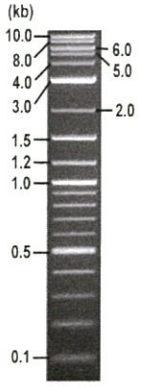
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK

clone name : pCAGGS-ChRGR-Venus

- **Clone ID** : RDB _ 16748
- **Lot** : 16748 _ A8Jn
- **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



Erectrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
HindIII	:	**6.6**	kbp
EcoRI	:	**4.8, 1.8**	kbp
PstI	:	**4.5, 1.1, 1.0**	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	Pr0328	pCAG-F	intron, insert 5'
Sequence - B	Pr0341	Venus-N_R	Venus 5', insert 3'
Sequence - C	Pr0614	pCAGGS_R1	b-globin p(A), Venus 3'
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
20.1.28
金藤

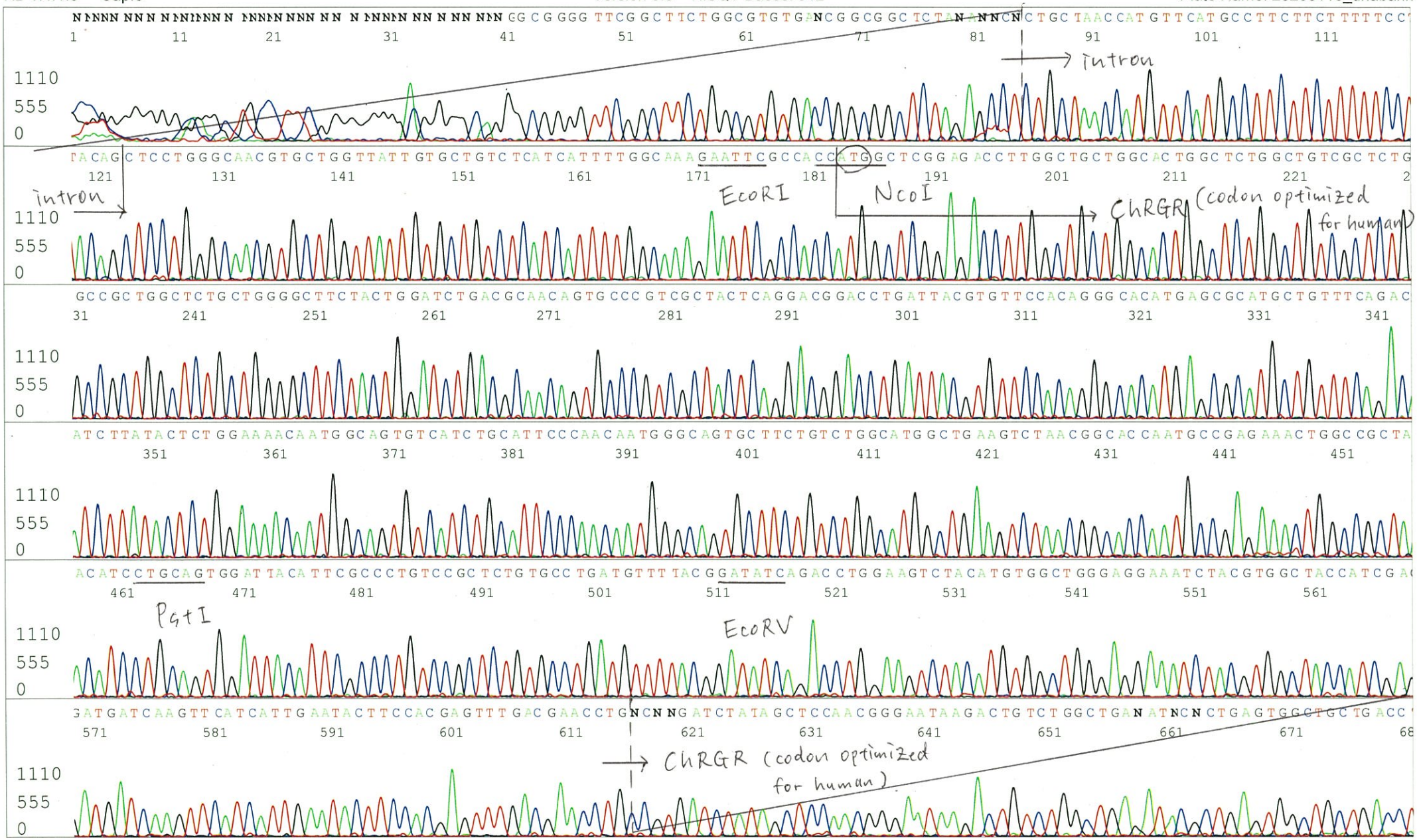
Applied Biosystems

16748_16748_B0A9S_pCAG-F_F04_06_ABI08
16748_16748_B0A9S_pCAG-F
KB_3500_POP7_BDTv3.mob
Pts 1376 to 13479 Pk1 Loc:1353
Version 6.0 HiSQV Bases: 912

Inst Model/Name 3500/3500 Instrument
Jan 10,2020 09:32AM, JST
Jan 10,2020 09:59AM, JST
Spacing:12.04 Pts/Panel1350
Plate Name: 20200110_dnabank

S/N G:17 A:14 T:16 C:21
KB.bcp
KB 1.4.1.8 Cap:6

primer name A : pCAG-F
5'- TTCTCCATCTCCAGCCTCGG -3'



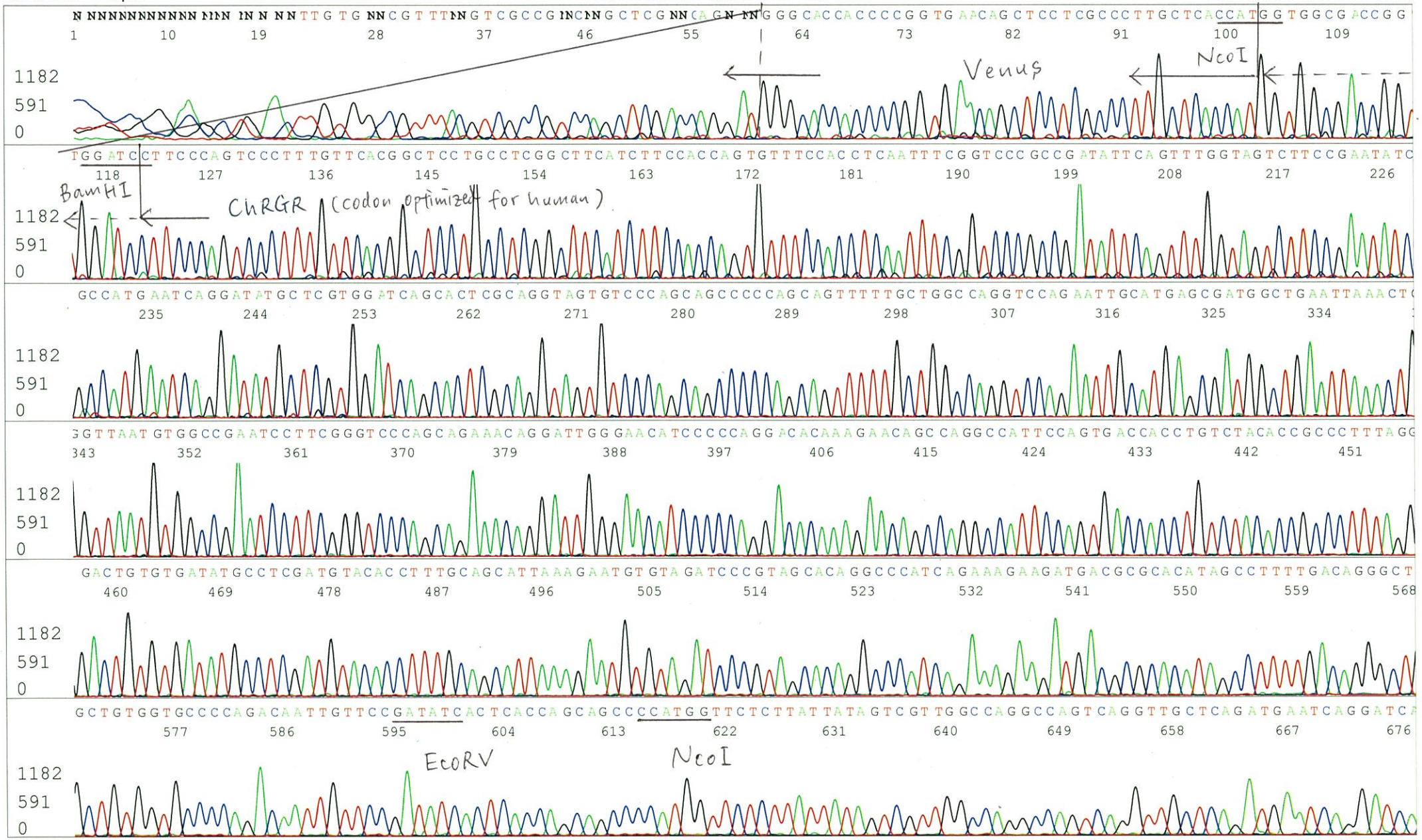
Applied Biosystems

S/N G:73 A:63 T:58 C:63
KB.bcp
KB 1.4.1.8 Cap:2

primer name B : Venus-N_R
5'- AGCTTGCCGTAGGTGGCATC -3'

D05919A3_A8Jn_1_Venus-N_R_B02_02_ABI08
D05919A3_A8Jn_1_Venus-N_R
KB_3500_POP7_BDTv3.mob
Pts 1548 to 12958 Pk1 Loc:1525
Version 6.0 HiSQV Bases: 880

Inst Model/Name 3500/3500 Instrument
Nov 20,2018 10:02AM, JST
Nov 20,2018 10:29AM, JST
Spacing:11.76 Pts/Panel1350
Plate Name: 20181120 kitaku

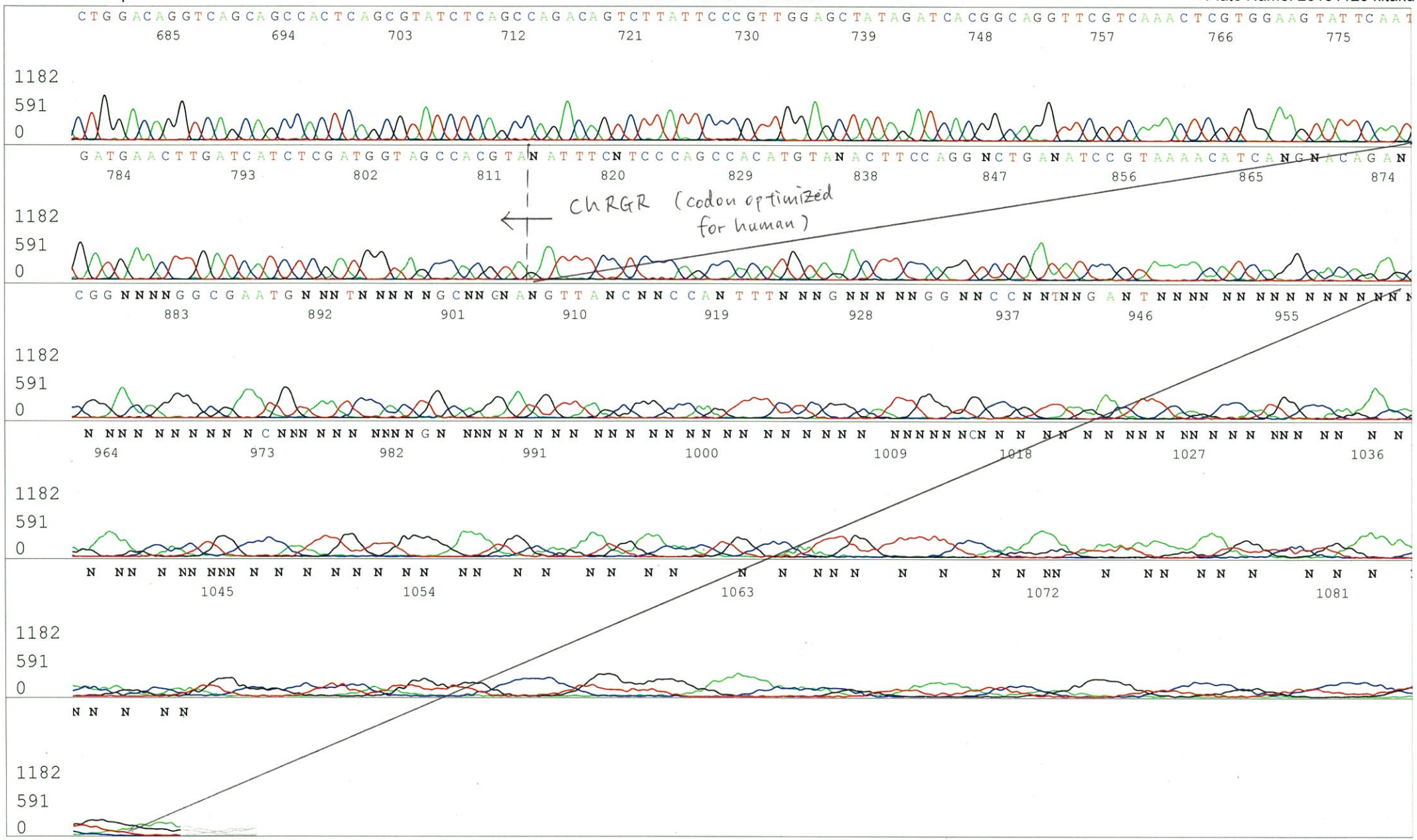


Applied Biosystems

S/N G:73 A:63 T:58 C:63
KB.bcp
KB 1.4.1.8 Cap:2

D05919A3_A8Jn_1_Venus-N_R_B02_02_ABI08
D05919A3_A8Jn_1_Venus-N_R
KB_3500_POP7_BDTv3.mob
Pts 1548 to 12958 Pk1 Loc:1525
Version 6.0 HiSQV Bases: 880

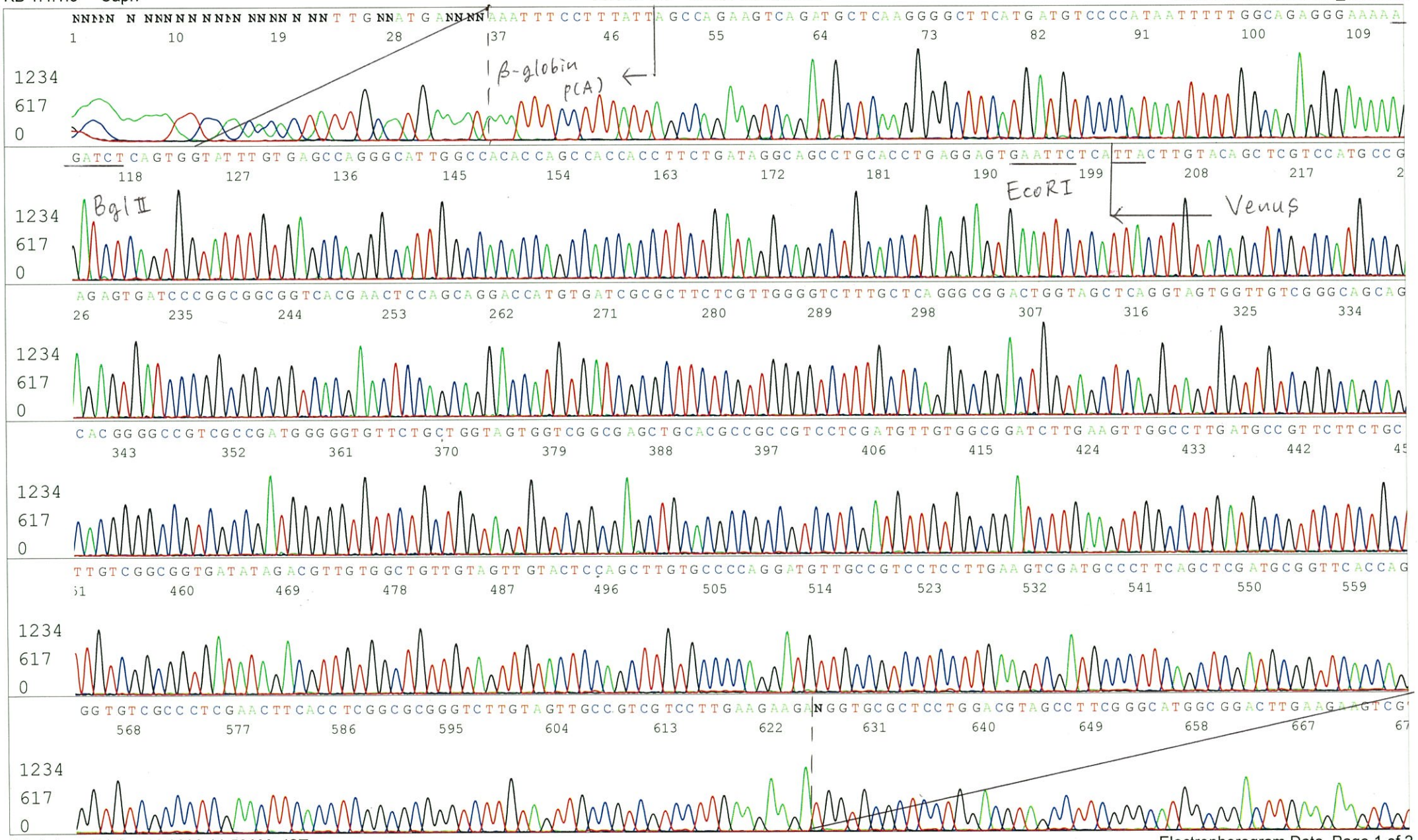
Inst Model/Name 3500/3500 Instrument
Nov 20,2018 10:02AM, JST
Nov 20,2018 10:29AM, JST
Spacing:11.76 Pts/Panel1350
Plate Name: 20181120 kitaku



Applied Biosystems

16748_16748_B0A9S_pCAGGS_R1_G04_07_ABI08
16748_16748_B0A9S_pCAGGS_R1
KB_3500_POP7_BDTv3.mob
Pts 1395 to 13698 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 939

Inst Model/Name 3500/3500 Instrument
Jan 10,2020 09:32AM, JST
Jan 10,2020 09:59AM, JST
Spacing:12.27 Pts/Panel1350
Plate Name: 20200110_dnabank

S/N G:156 A:141 T:147 C:196
KB.bcp
KB 1.4.1.8 Cap:7

primer name C : pCAGGS_R1
5'- TTTGCCCTCCCATATGTCCT -3'