Gene Engineering Division
RIKEN BioResource Research Center

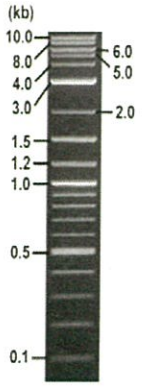
RIKEN DNA BANK

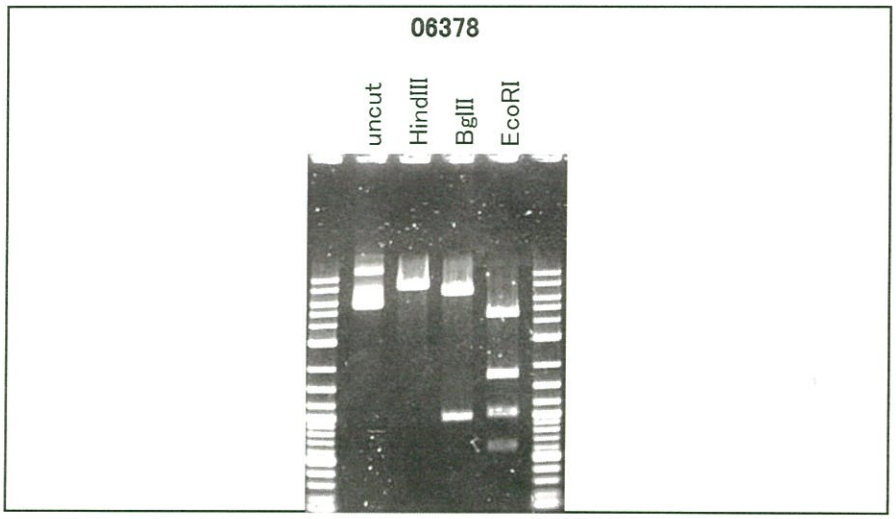
clone name : pCMFlag_hsHIF1A

- **Clone ID** : RDB _06378
- **Lot** : 16934 _ A9Bf
- **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**

2-Log 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	:	**8.0**	kbp
BglII	:	**7.0, 1.0**	kbp
EcoRI	:	**4.6, 1.8, 1.0, 0.6**	kbp
	:		kbp
	:		kbp

- **Confirmation of the insertion sequence**

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV_Forward	Sequence - E	-
Sequence - B	BGH_rev2	Sequence - F	-
Sequence - C	SV40pro_F	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :

確認
19.3.02
栗原

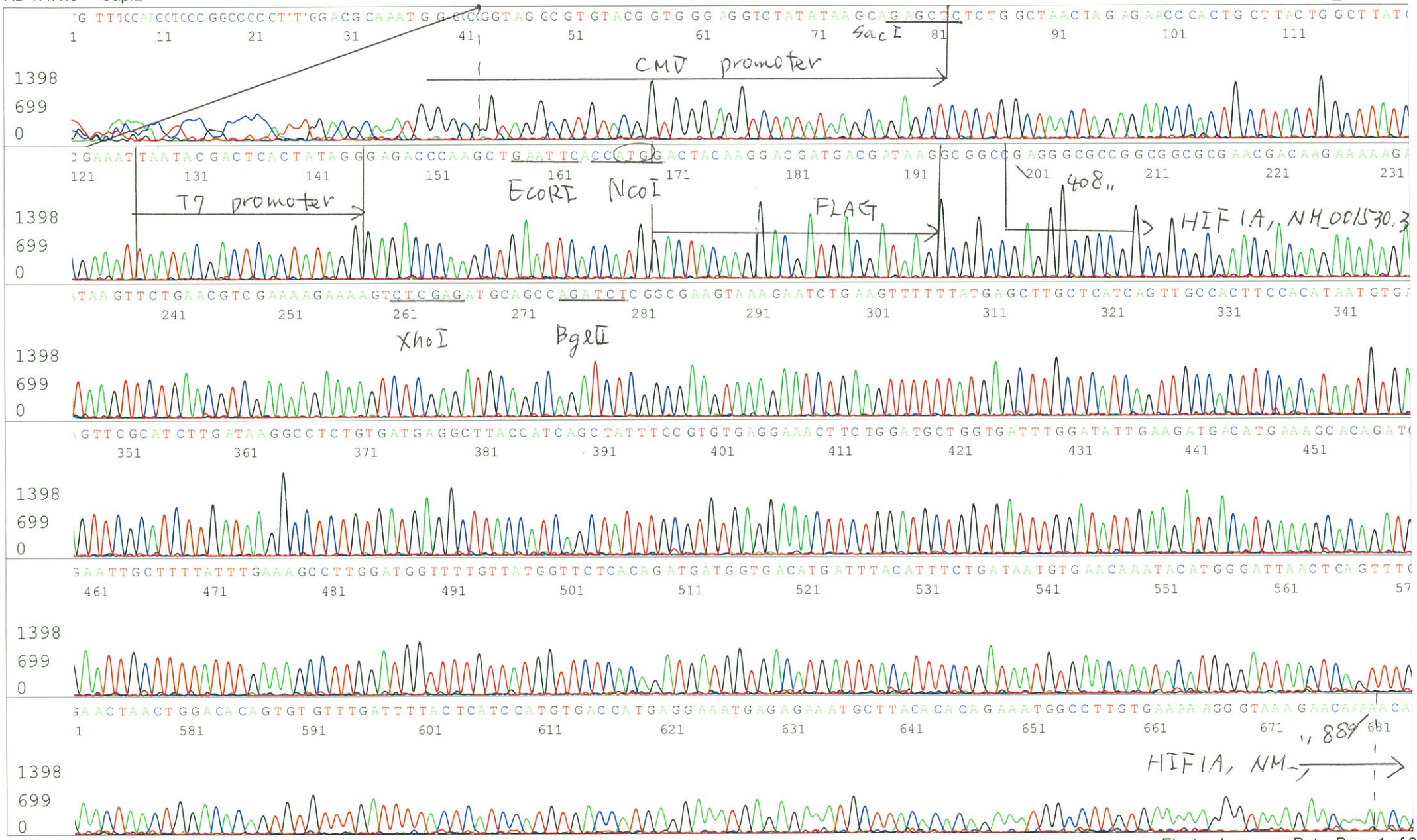
Applied Biosystems

06378_16934_A9Bf_1_CMV-Forward_B09_02_ABI08
06378_16934_A9Bf_1_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1504 to 14099 Pk1 Loc:1481
Version 6.0 HiSQV Bases: 960

Inst Model/Name 3500/3500 Instrument
Feb 26,2019 01:53PM, JST
Feb 26,2019 02:32PM, JST
Spacing:12.6 Pts/Panel1350
Plate Name: 2190226_dnabank2

S/N G:9 A:13 T:12 C:10
KB.bcp
KB 1.4.1.8 Cap:2

primer name A :CMV_Forward
5' GCACCAAAATCAACGGGACTT3'



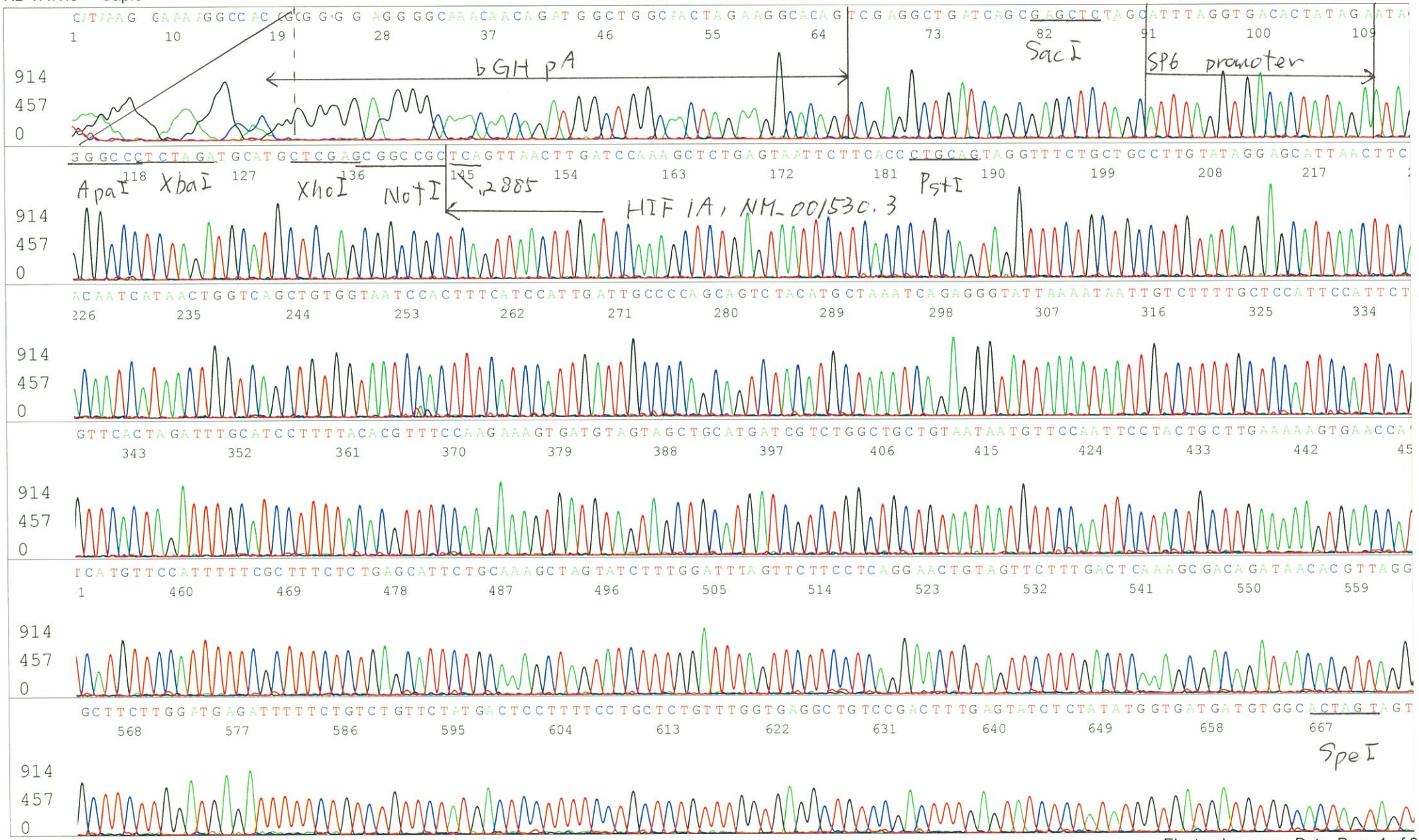
Applied Biosystems

S/N G:18 A:22 T:26 C:24
KB.bcp
KB 1.4.1.8 Cap:3

primer name B : BGH_rev2
5' TATTAGGAAAGGACAGTGGG 3'

06378_16934_A9Bf_1_BGH_rev2_C09_03_ABI08
06378_16934_A9Bf_1_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1590 to 14119 Pk1 Loc:1590
Version 6.0 HiSQV Bases: 887

Inst Model/Name 3500/3500 Instrument
Feb 26,2019 01:53PM, JST
Feb 26,2019 02:32PM, JST
Spacing:12.61 Pts/Panel1350
Plate Name: 2190226_dnabank2

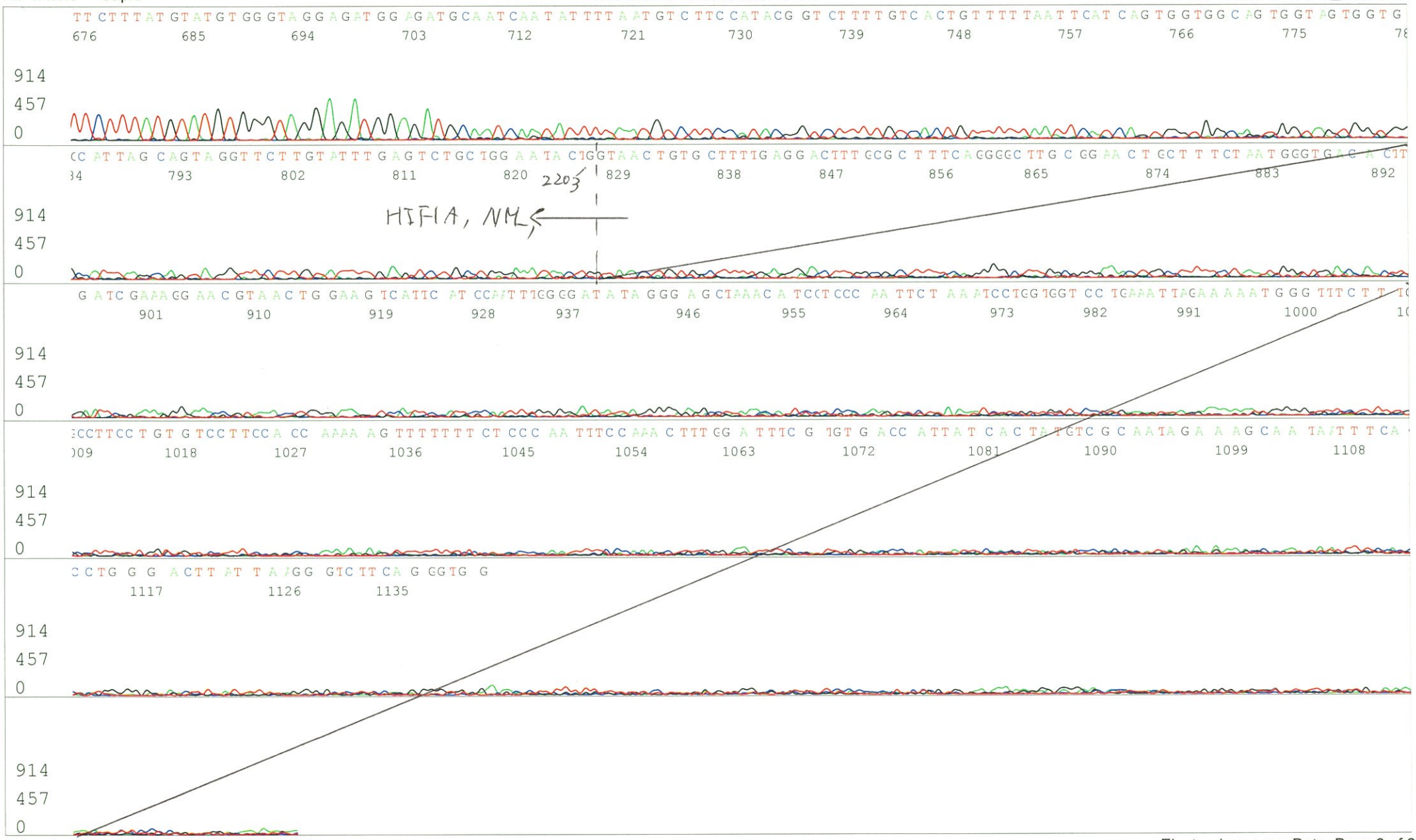


Applied Biosystems

S/N G:18 A:22 T:26 C:24
KB.bcp
KB 1.4.1.8 Cap:3

06378_16934_A9Bf_1_BGH_rev2_C09_03_ABI08
06378_16934_A9Bf_1_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1590 to 14119 Pk1 Loc:1590
Version 6.0 HiSQV Bases: 887

Inst Model/Name 3500/3500 Instrument
Feb 26,2019 01:53PM, JST
Feb 26,2019 02:32PM, JST
Spacing:12.61 Pts/Panel1350
Plate Name: 2190226_dnabank2



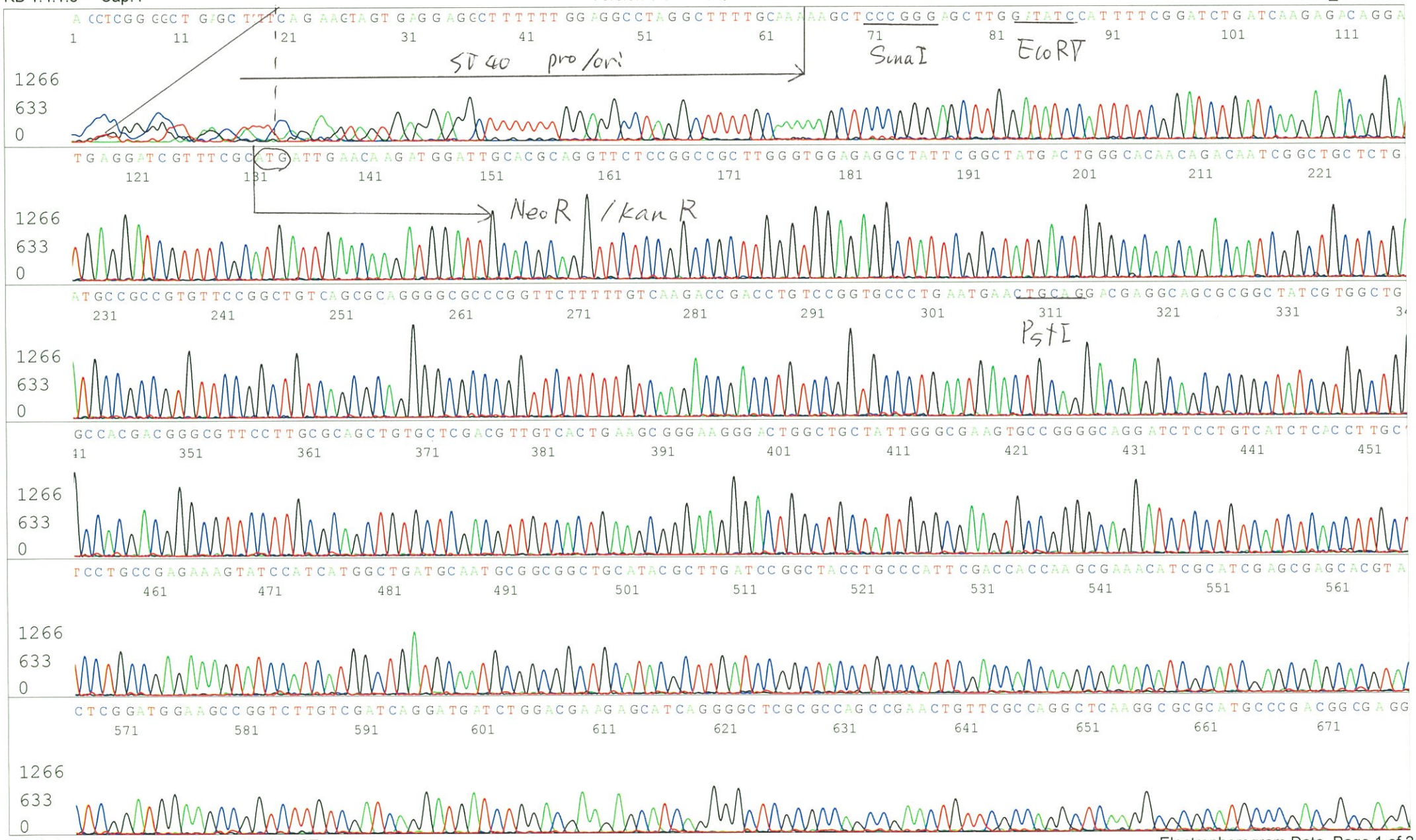
Applied Biosystems

06378_16934_A9Bf_1_SV40pro_F_D09_04_ABI08
06378_16934_A9Bf_1_SV40pro_F
KB_3500_POP7_BDTv3.mob
Pts 1459 to 13954 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 996

Inst Model/Name 3500/3500 Instrument
Feb 26,2019 01:53PM, JST
Feb 26,2019 02:32PM, JST
Spacing:12.66 Pts/Panel1350
Plate Name: 2190226_dnabank2

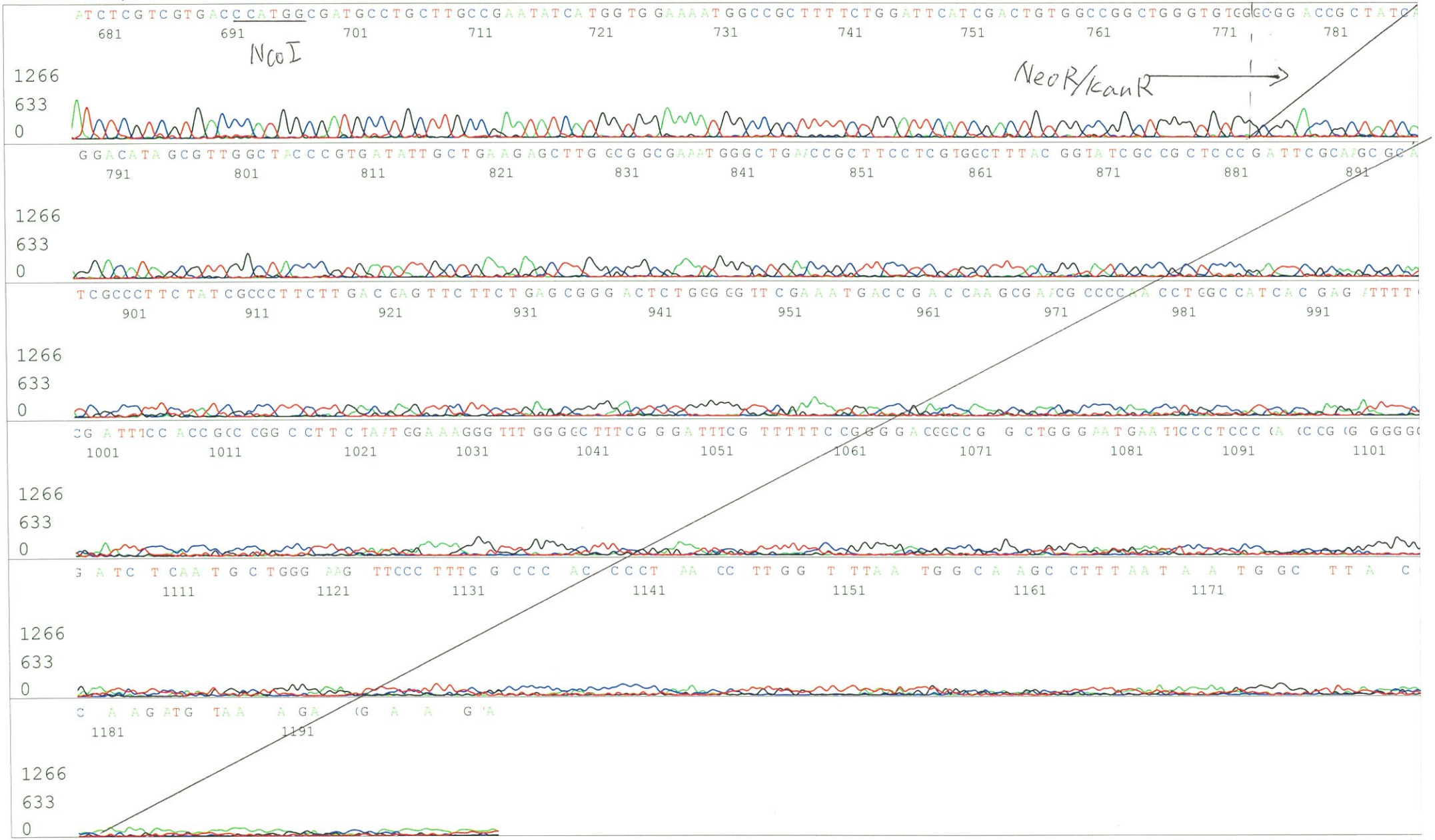
S/N G:16 A:15 T:15 C:18
KB.bcp
KB 1.4.1.8 Cap:4

primer name C : SV40pro_F
5'TATTTATGCAGAGGCCGAGG3'



Applied Biosystems

S/N G:16 A:15 T:15 C:18
KB.bcp
KB 1.4.1.8 Cap:4

06378_16934_A9Bf_1_SV40pro_F_D09_04_ABI08
06378_16934_A9Bf_1_SV40pro_F
KB_3500_POP7_BDTv3.mob
Pts 1459 to 13954 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 996

Inst Model/Name 3500/3500 Instrument
Feb 26,2019 01:53PM, JST
Feb 26,2019 02:32PM, JST
Spacing:12.66 Pts/Panel1350
Plate Name: 2190226_dnabank2