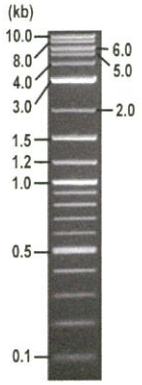
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK

clone name : pCMV_Tag4_hEGFR WT

- **Clone ID** : RDB _ 13714
- **Lot** : 13714 _ A9H2
- **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



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

Restriction enzyme		Expected size of fragment	
EcoRV	:	**7.9**	kbp
XhoI	:	**7.9**	kbp
EcoRV+XhoI	:	**4.3, 3.7**	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	Pr0016	CMV_Forward	CMV pro, insert 5'
Sequence - B	Pr0261	T7_20bp	FLAG, insert 3'
Sequence - C	Pr0313	EGFR-F5	insert middle region
Sequence - D	Pr0154	SV40pro_F_V2	SV40 pro, NeoR_KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
19.9.13
金藤

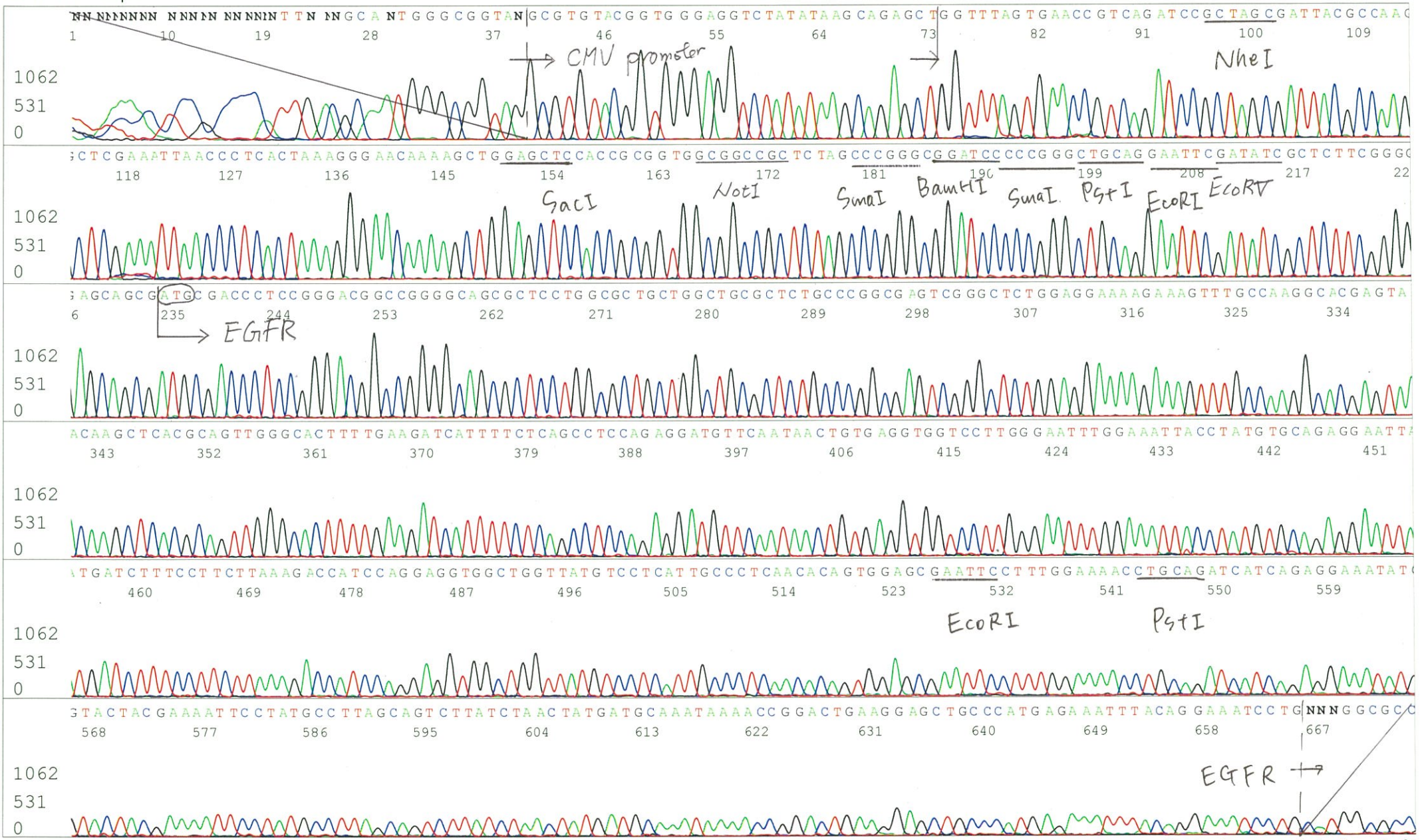
Applied Biosystems

S/N G:36 A:40 T:29 C:43
KB.bcp
KB 1.4.1.8 Cap:1

primer name A : CMV_Forward
5'-GCACCAAAATCAACGGGACTT-3'

13714_13714_A9H2_2_CMV-Forward_A07_01_ABI24
13714_13714_A9H2_2_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1460 to 12492 Pk1 Loc:1437
Version 6.0 HiSQV Bases: 898

Inst Model/Name 3500/3500 Instrument
Aug 08,2019 09:41AM, JST
Aug 08,2019 10:07AM, JST
Spacing:11.09 Pts/Panel1350
Plate Name: 20190808_dnabank



Applied Biosystems

S/N G:207 A:184 T:250 C:210
KB.bcp
KB 1.4.1.8 Cap:20

primer name B : T7_20bp
5'-TAATACGACTCACTATAGGG-3

13714_13714_A9H2_2_T7_20bp_G08_20_ABI24
13714_13714_A9H2_2_T7_20bp
KB_3500_POP7_BDTv3.mob
Pts 1399 to 13348 Pk1 Loc:1376
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
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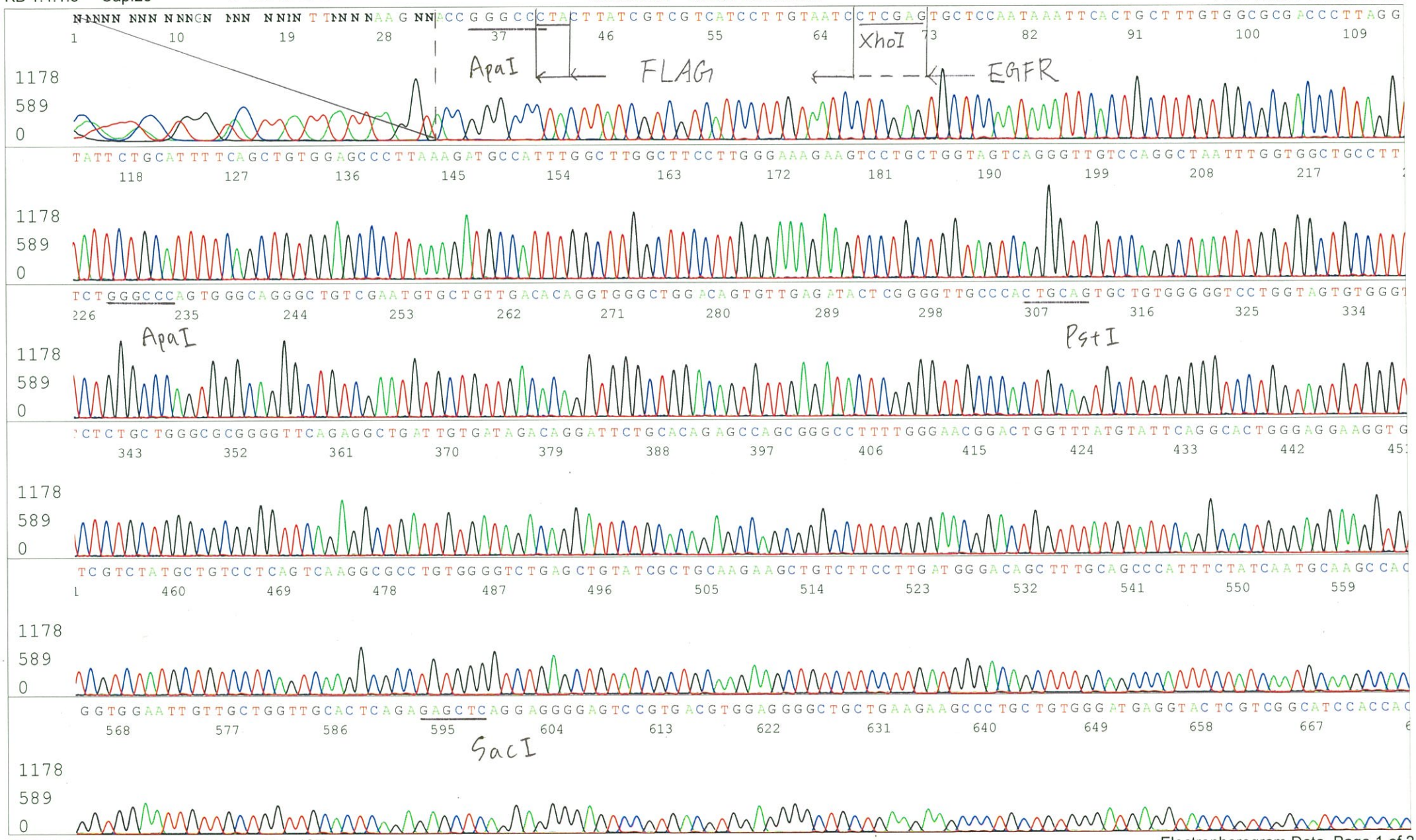
Sep 06,2019 03:05PM, JST
Spacing:11.83 Pts/Panel1350
Plate Name: 20190906 mix



Applied Biosystems

S/N G:207 A:184 T:250 C:210
KB.bcp
KB 1.4.1.8 Cap:20

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KB_3500_POP7_BDTv3.mob
Pts 1399 to 13348 Pk1 Loc:1376
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
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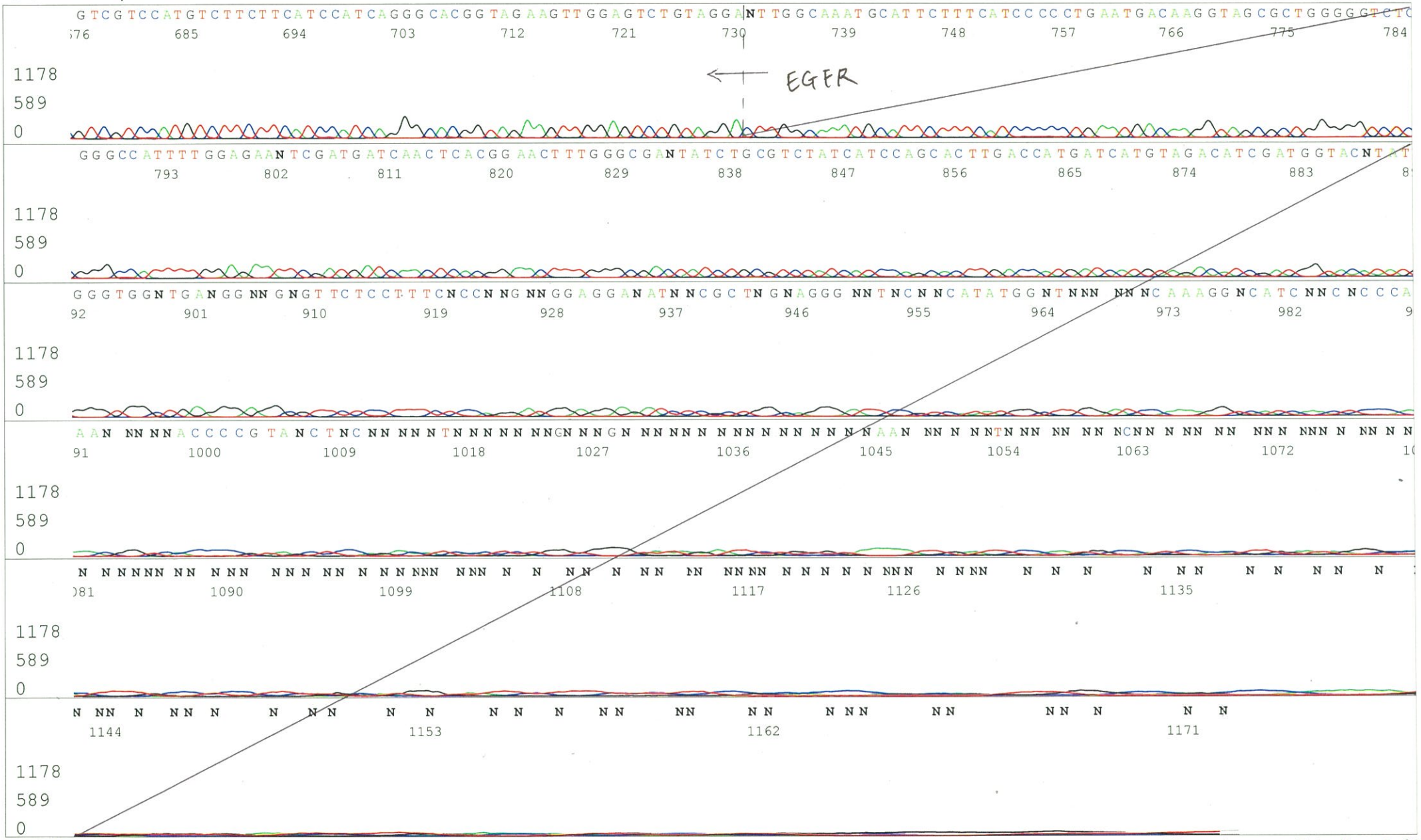
Sep 06,2019 03:05PM, JST
Spacing:11.83 Pts/Panel1350
Plate Name: 20190906 mix



Applied Biosystems

S/N G:90 A:97 T:83 C:104
KB.bcp
KB 1.4.1.8 Cap:7

primer name C : EGFR-F5
5'-CAGGTCTTGAAGGCTGTC-3'

13714_13714_A9H2_2_EGFR-F5_C07_07_ABI24
13714_13714_A9H2_2_EGFR-F5
KB_3500_POP7_BDTv3.mob
Pts 1459 to 12545 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 943

Inst Model/Name 3500/3500 Instrument
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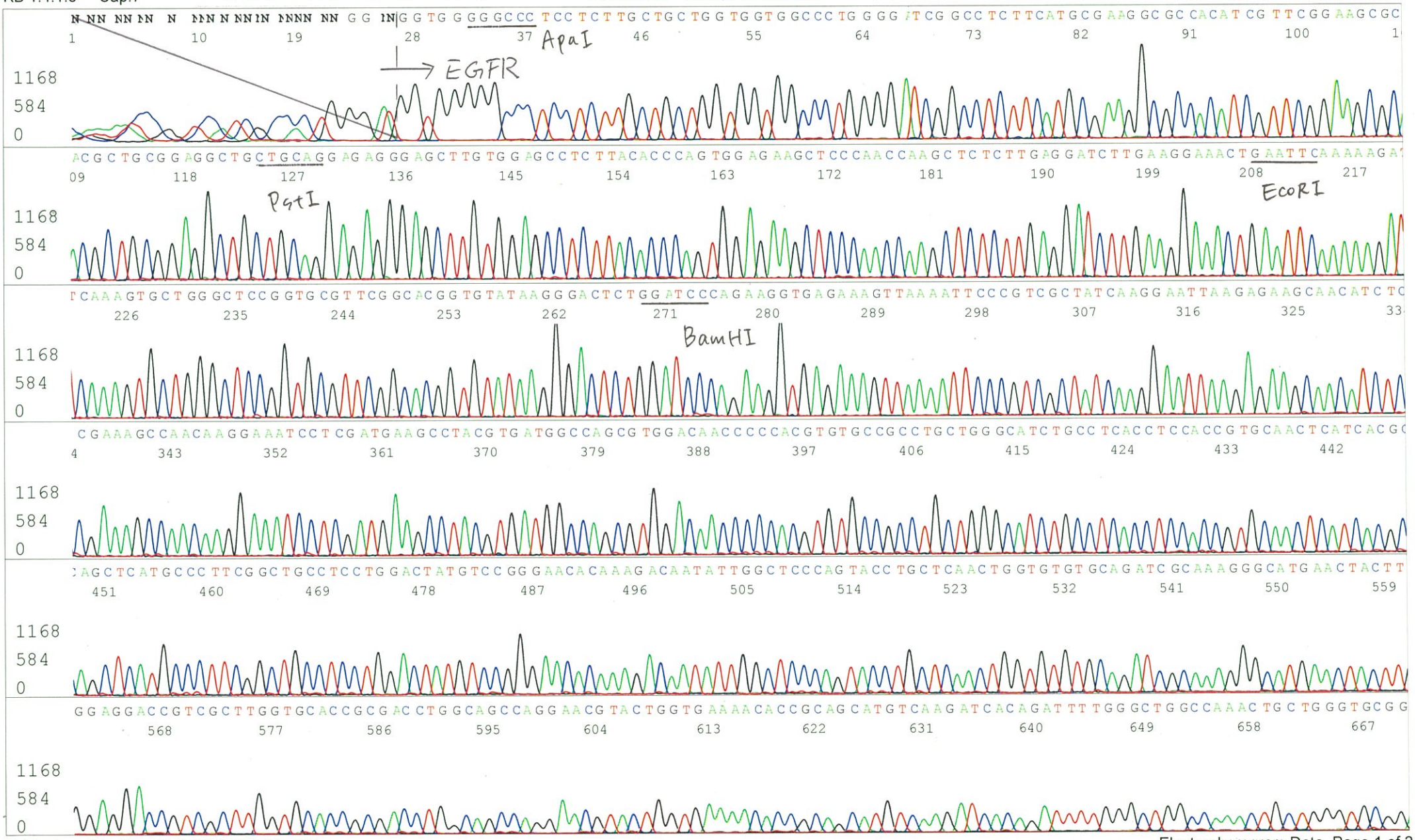
Plate Name: 20190808_dnabank



Applied Biosystems

S/N G:90 A:97 T:83 C:104
KB.bcp
KB 1.4.1.8 Cap:7

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KB_3500_POP7_BDTv3.mob
Pts 1459 to 12545 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 943

Inst Model/Name 3500/3500 Instrument
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Spacing:11.05 Pts/Panel1350
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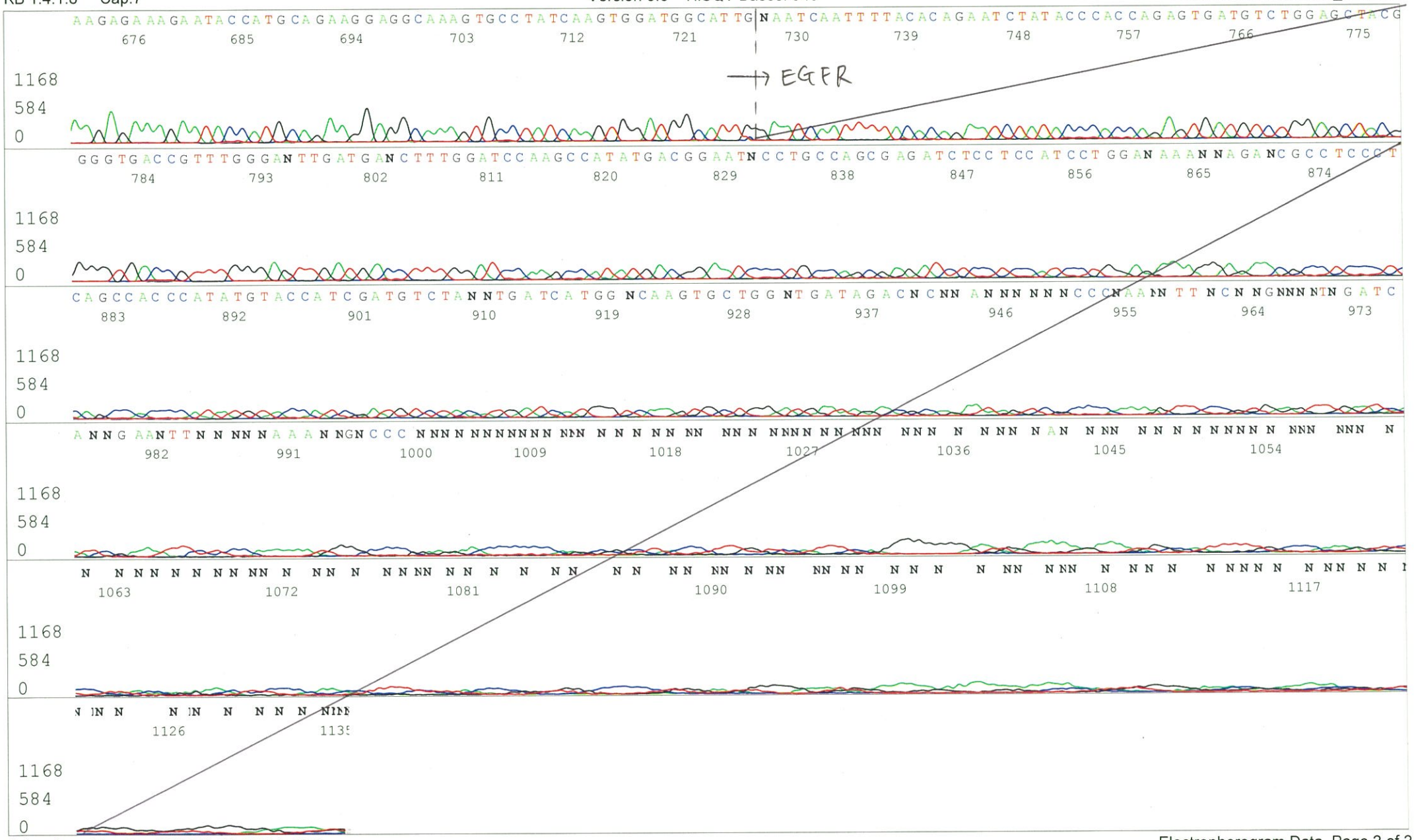

Printed on: Thu Sep 05,2019 05:54PM, JST

Applied Biosystems

S/N G:29 A:29 T:30 C:32
KB.bcp
KB 1.4.1.8 Cap:23

primer name D : SV40pro_F_V2
5'- TCGGCCTCTGAGCTATTC -3'

13714_13714_A9H2_2_SV40proF_V2_H08_23_ABI24
13714_13714_A9H2_2_SV40proF_V2
KB_3500_POP7_BDTv3.mob
Pts 1393 to 13304 Pk1 Loc:1370
Version 6.0 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
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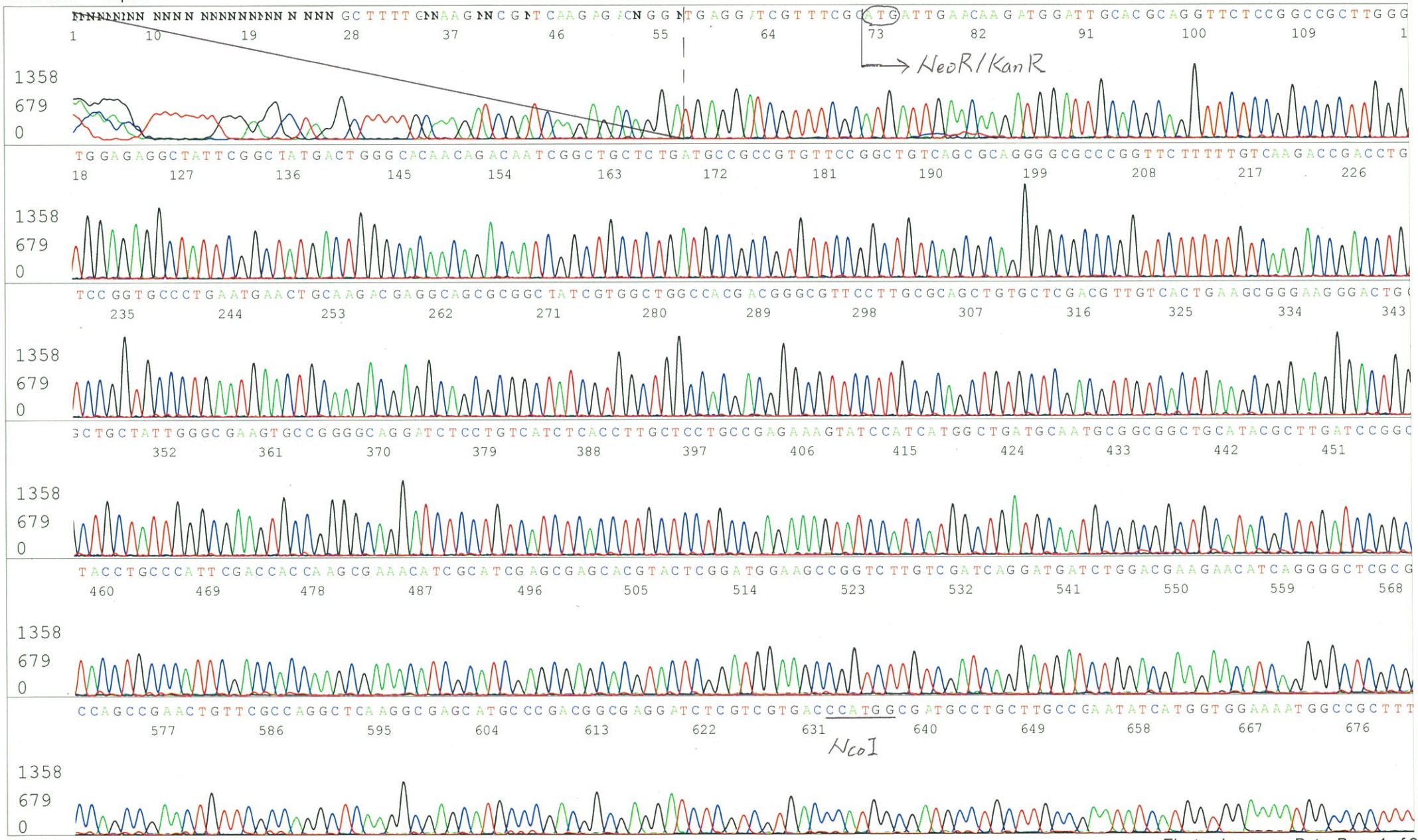
Spacing:11.92 Pts/Panel1350
Plate Name: 20190906 mix



Applied Biosystems

S/N G:29 A:29 T:30 C:32
KB.bcp
KB 1.4.1.8 Cap:23

13714_13714_A9H2_2_SV40proF_V2_H08_23_ABI24
13714_13714_A9H2_2_SV40proF_V2
KB_3500_POP7_BDTv3.mob
Pts 1393 to 13304 Pk1 Loc:1370
Version 6.0 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
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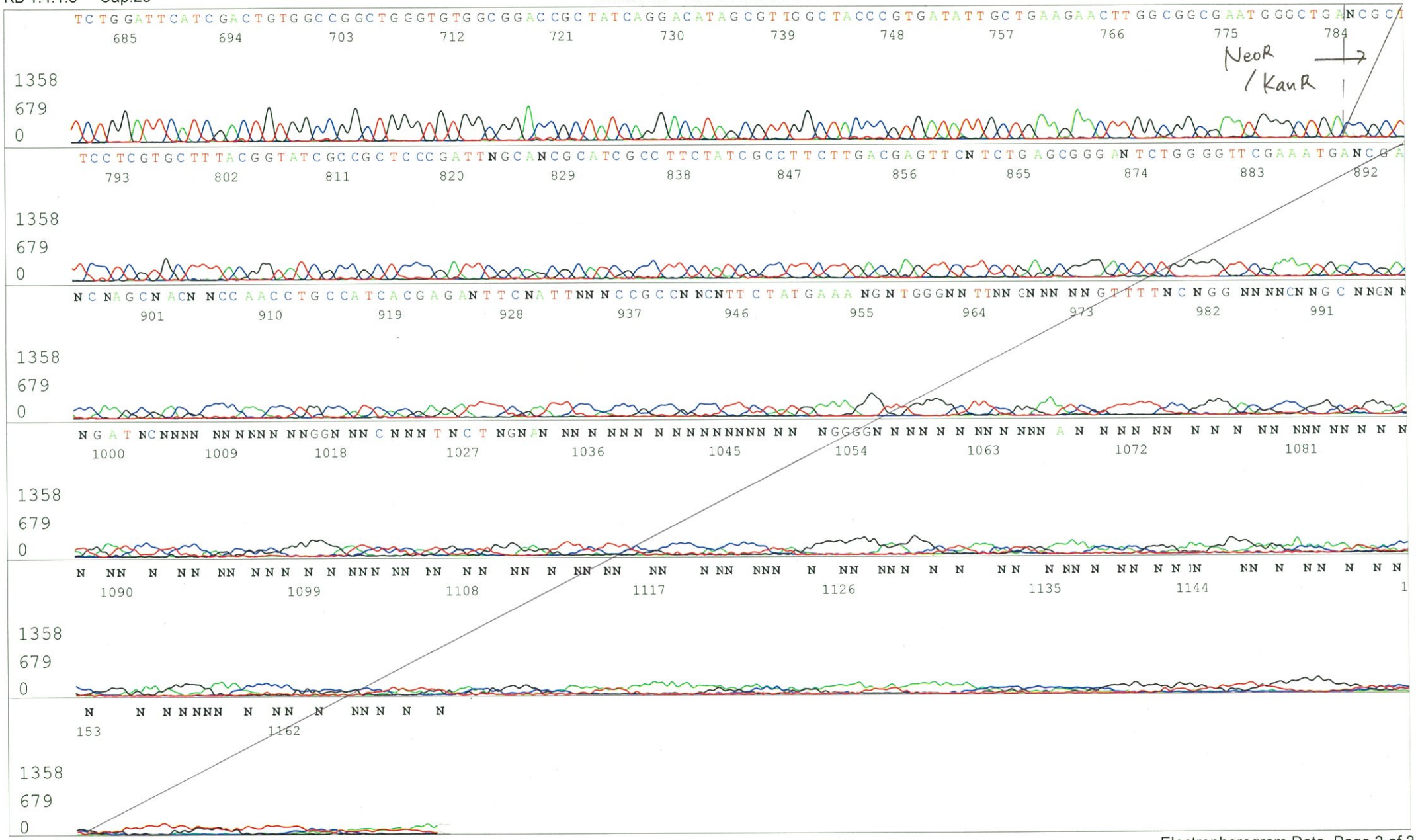
Plate Name: 20190906 mix



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