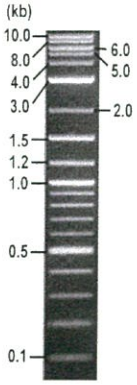
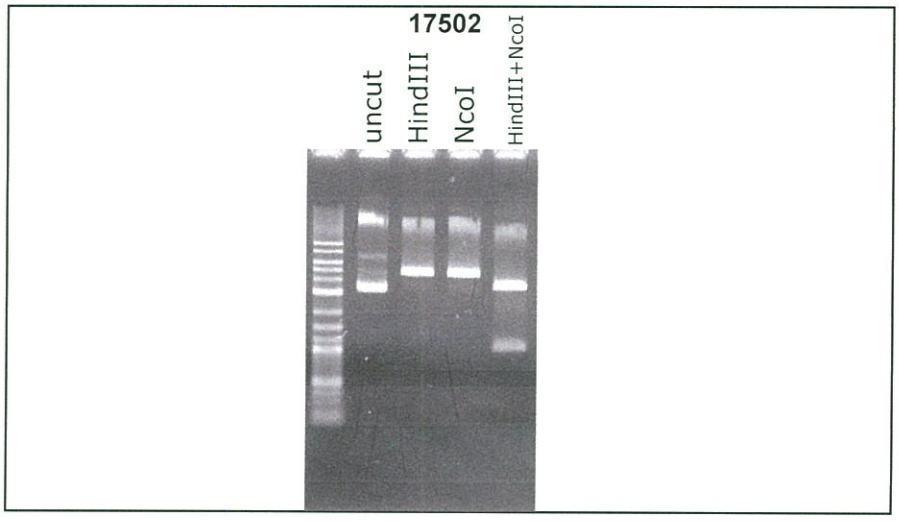
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK clone name : pENTR hRFWD3

- **Clone ID** : RDB _ 17502
- **Lot** : 17502 _ A9lo
- **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	
HindIII	:	**4.9**	kbp
NcoI	:	**4.9**	kbp
HindIII+NcoI	:	**3.7, 1.1**	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	Pr0531	rrnBT1ter_F2	rrnB T1 ter, attL1, insert 5'
Sequence - B	Pr0530	KanR-N_R	attL2, insert 3'
Sequence - C	Pr0753	hRFWD3-N_F	insert mid
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
20.10.30
長谷川

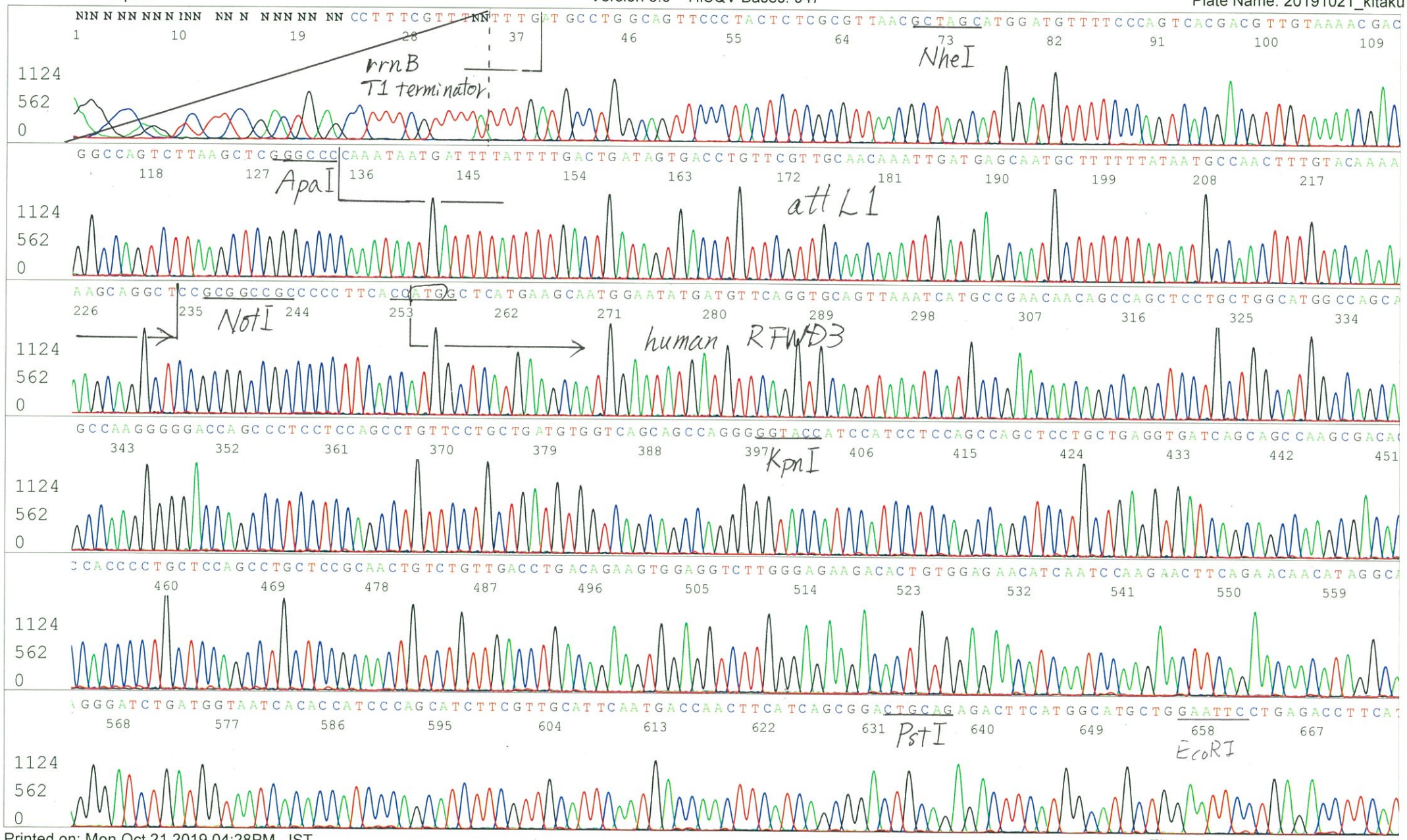
Applied Biosystems

S/N G:126 A:121 T:93 C:145
KB.bcp
KB 1.4.1.8 Cap:12

primer name A : rrnBT1ter_F2
5'-AGCGTTCACCGACAAACAACAG-3'

D06551B4_A9lo_2_rrnBT1ter_F2_D03_12_ABI24
D06551B4_A9lo_2_rrnBT1ter_F2
KB_3500_POP7_BDTv3.mob
Pts 1370 to 12954 Pk1 Loc:1347
Version 6.0 HiSQV Bases: 947

Inst Model/Name 3500/3500 Instrument
Oct 21,2019 02:01PM, JST
Oct 21,2019 02:39PM, JST
Spacing:11.69 Pts/Panel1350
Plate Name: 20191021_kitaku

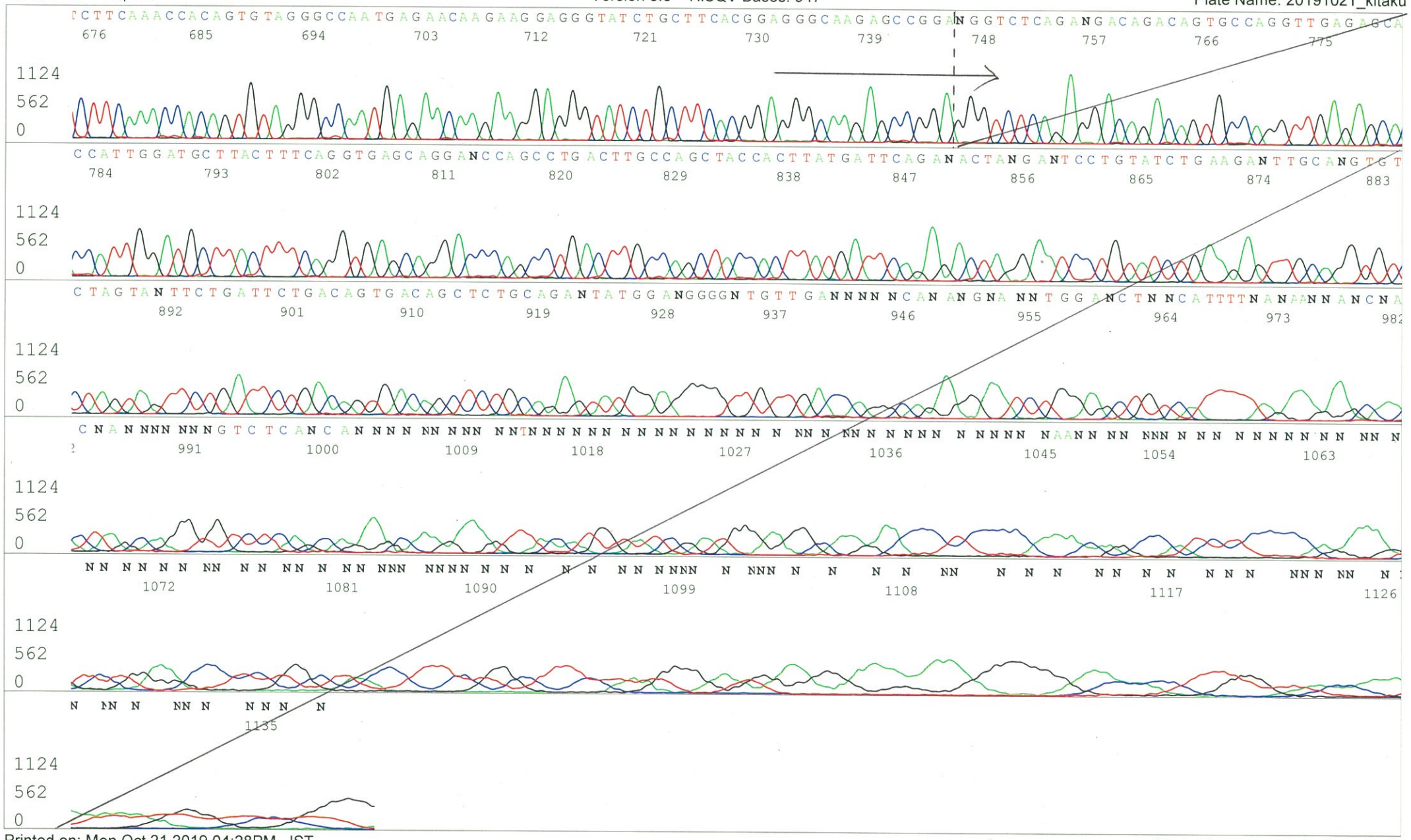


Applied Biosystems

S/N G:126 A:121 T:93 C:145
KB.bcp
KB 1.4.1.8 Cap:12

D06551B4_A9lo_2_rrnBT1ter_F2_D03_12_ABI24
D06551B4_A9lo_2_rrnBT1ter_F2
KB_3500_POP7_BDTv3.mob
Pts 1370 to 12954 Pk1 Loc:1347
Version 6.0 HiSQV Bases: 947

Inst Model/Name 3500/3500 Instrument
Oct 21,2019 02:01PM, JST
Oct 21,2019 02:39PM, JST
Spacing:11.69 Pts/Panel1350
Plate Name: 20191021_kitaku



Applied Biosystems

S/N G:26 A:25 T:23 C:22
KB.bcp
KB 1.4.1.8 Cap:2

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

D06551B4_A9lo_2_KanR-N_R_B01_02_ABI08
D06551B4_A9lo_2_KanR-N_R
KB_3500_POP7_BDTv3.mob
Pts 1717 to 8543 Pk1 Loc:1685
Version 6.0 HiSQV Bases: 652

Inst Model/Name 3500/3500 Instrument
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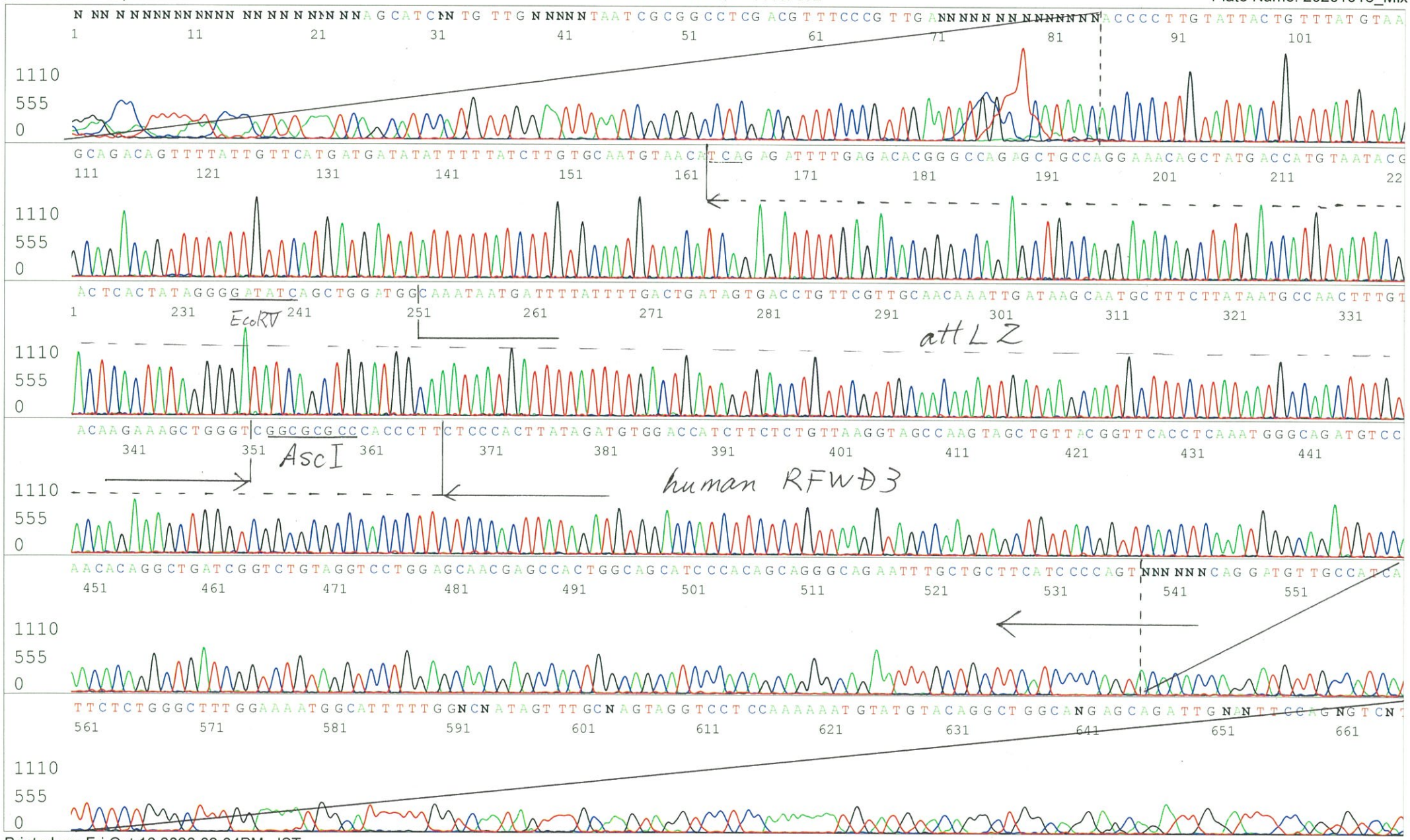
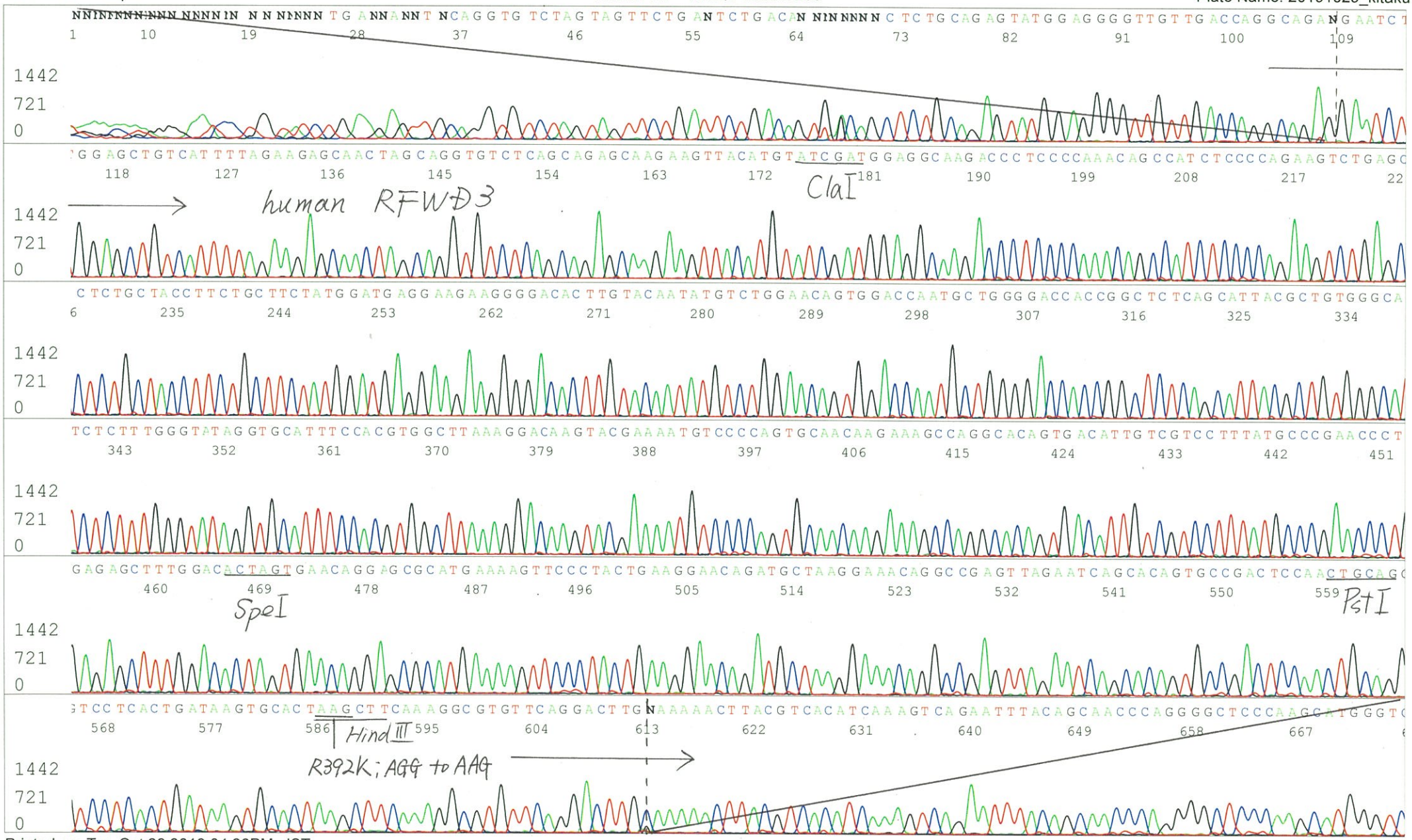
Oct 16,2020 01:29PM, JST
Spacing:10.19 Pts/Panel1350
Plate Name: 20201016_Mix



Applied Biosystems

S/N G:29 A:37 T:34 C primer name C : hRFWD3-N_F
KB.bcp
KB 1.4.1.8 Cap:3 5'- CAGCCTGACTTGCCAGCTAC -3'

D06551B4_A9lo_2_hRFWD3-N_F_C01_03_ABI08
D06551B4_A9lo_2_hRFWD3-N_F
KB_3500_POP7_BDTv3.mob
Pts 1454 to 12203 Pk1 Loc:1431
Version 6.0 HiSQV Bases: 898

Inst Model/Name 3500/3500 Instrument
Oct 29,2019 02:03PM, JST
Oct 29,2019 02:30PM, JST
Spacing:10.84 Pts/Panel1350
Plate Name: 20191029_kitaku