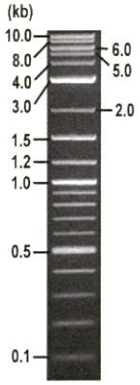
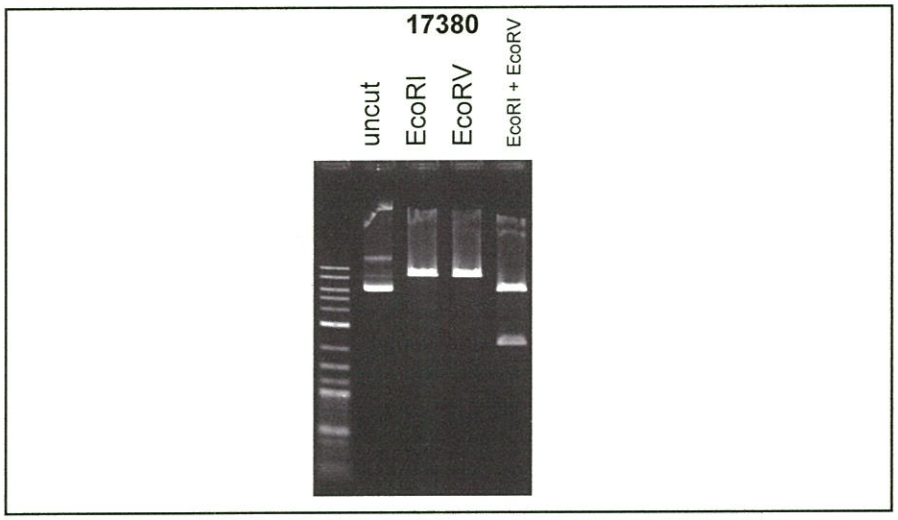
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK clone name : CDCA7px330

- **Clone ID** : RDB _ 17380
- **Lot** : 17380 _ A9Fh
- **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	
EcoRI	:	**8.5**	kbp
EcoRV	:	**8.5**	kbp
EcoRI + EcoRV	:	**6.2, 2.3**	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	Pr0108	SV40pA3'element reverse	U6 pro, gRNA (CDCA7) gRNA scaffold, CBh pro 5'
Sequence - B	Pr0650	Cas9-N_R1	Cas9 5', SV40 NLS, 3xFLAG, CBh pro 3'
Sequence - C	Pr0606	BGH_rev2	bGH p(A), nucleoplasmin NLS, Cas9 3'
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
19.11.07
金藤

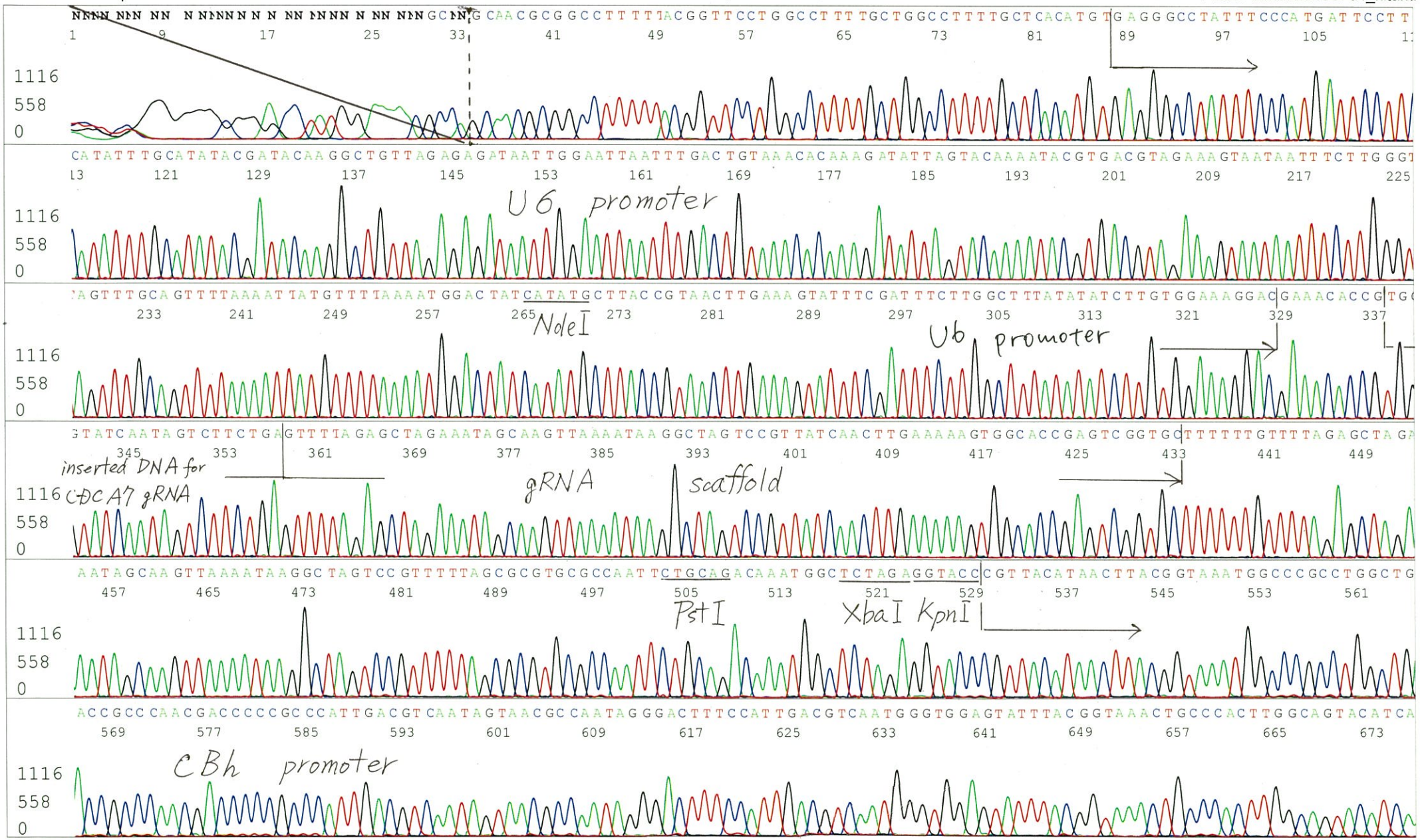
Applied Biosystems

D06399A7_A9Fh_2_SV40pA3'element reverse_C03_09_ABI24
D06399A7_A9Fh_2_SV40pA3'element reverse
KB_3500_POP7_BDTv3.mob
Pts 1369 to 12970 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 939

Inst Model/Name 3500/3500 Instrument
Jul 04,2019 02:08PM, JST
Jul 04,2019 02:34PM, JST
Spacing:11.56 Pts/Panel1350
Plate Name: 20190704_kitaku

S/N G:126 A:131 T:12
KB.bcp
KB 1.4.1.8 Cap:9

primer name A : SV40pA3'Element Reverse
5'- CTCTGACTTGAGCGTCGATTT -3'

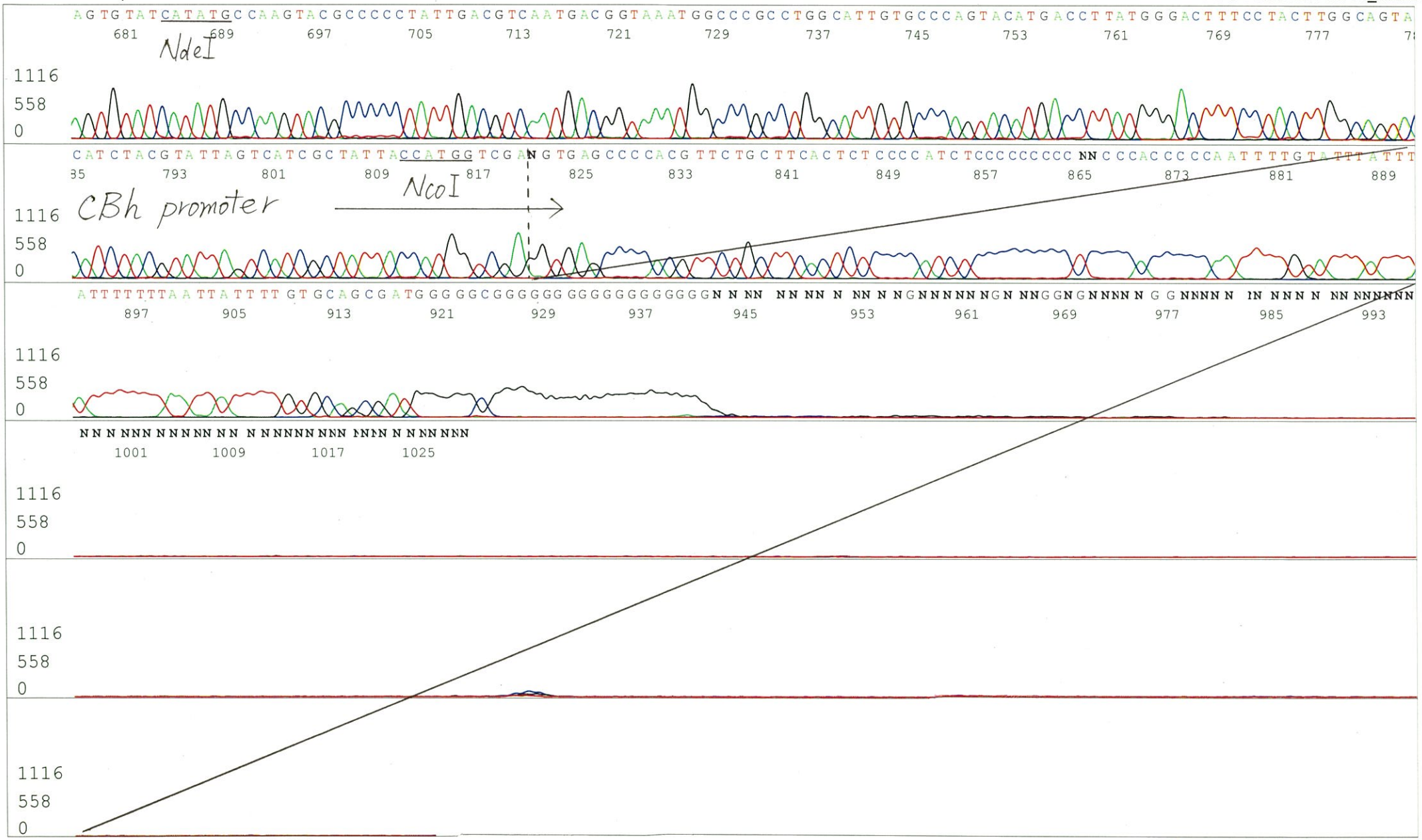


Applied Biosystems

D06399A7_A9Fh_2_SV40pA3'element reverse_C03_09_ABI24
D06399A7_A9Fh_2_SV40pA3'element reverse
KB_3500_POP7_BDTv3.mob
Pts 1369 to 12970 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 939

Inst Model/Name 3500/3500 Instrument
Jul 04,2019 02:08PM, JST
Jul 04,2019 02:34PM, JST
Spacing:11.56 Pts/Panel1350
Plate Name: 20190704_kitaku

S/N G:126 A:131 T:122 C:154
KB.bcp
KB 1.4.1.8 Cap:9

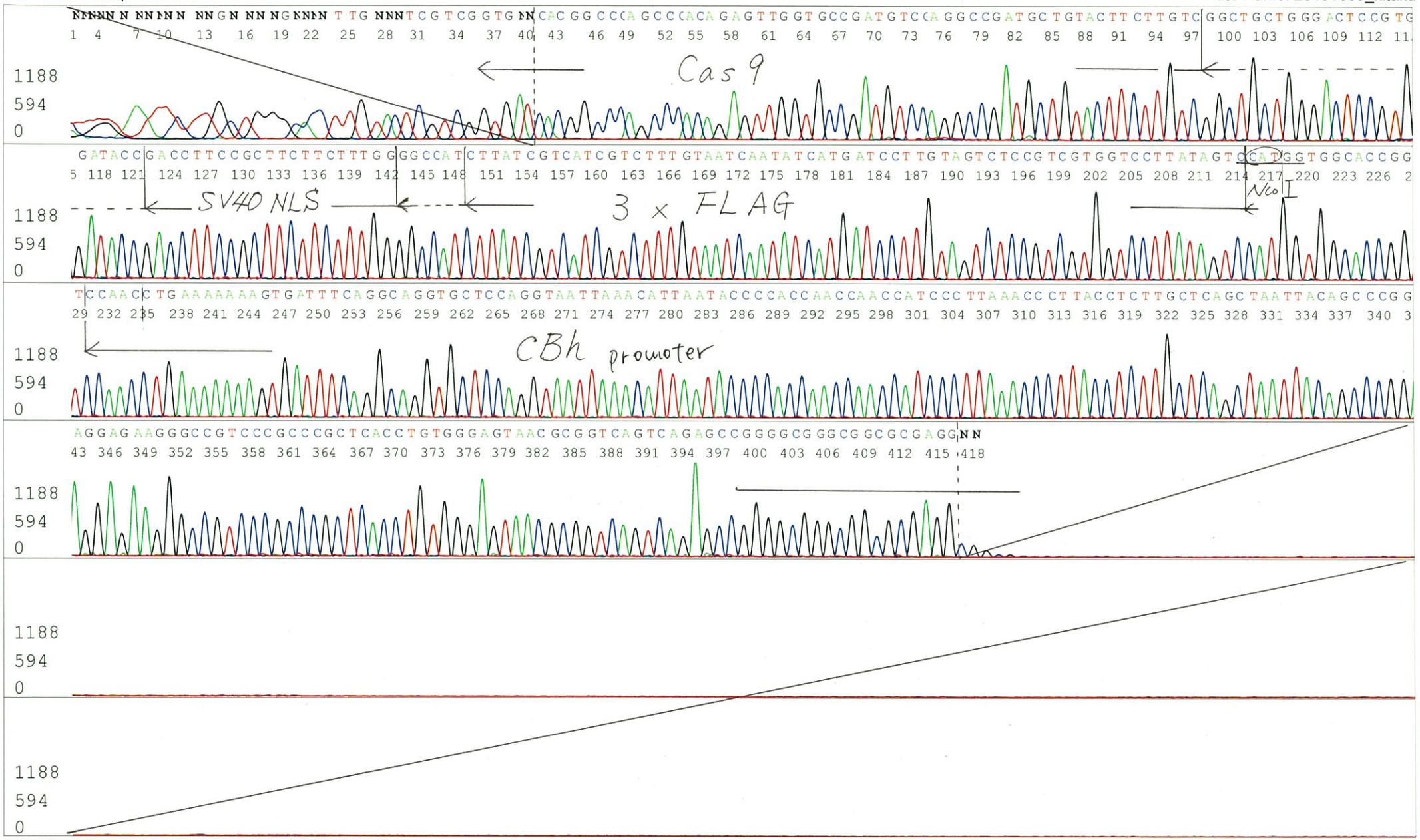


Applied Biosystems

S/N G:161 A:92 T:96 C:130 primer name B : Cas9-N_R1
KB.bcp
KB 1.4.1.8 Cap:8 5'- TGATGCTGTGCCGGTCGGTG -3'

D06399A7_A9Fh_2_Cas9-N_R1_C02_08_ABI24
D06399A7_A9Fh_2_Cas9-N_R1
KB_3500_POP7_BDTv3.mob
Pts 1368 to 12972 Pk1 Loc:1345
Version 6.0 HiSQV Bases: 392

Inst Model/Name 3500/3500 Instrument
Oct 09,2019 02:02PM, JST
Oct 09,2019 02:28PM, JST
Spacing:11.83 Pts/Panel1350
Plate Name: 20191009_kitaku



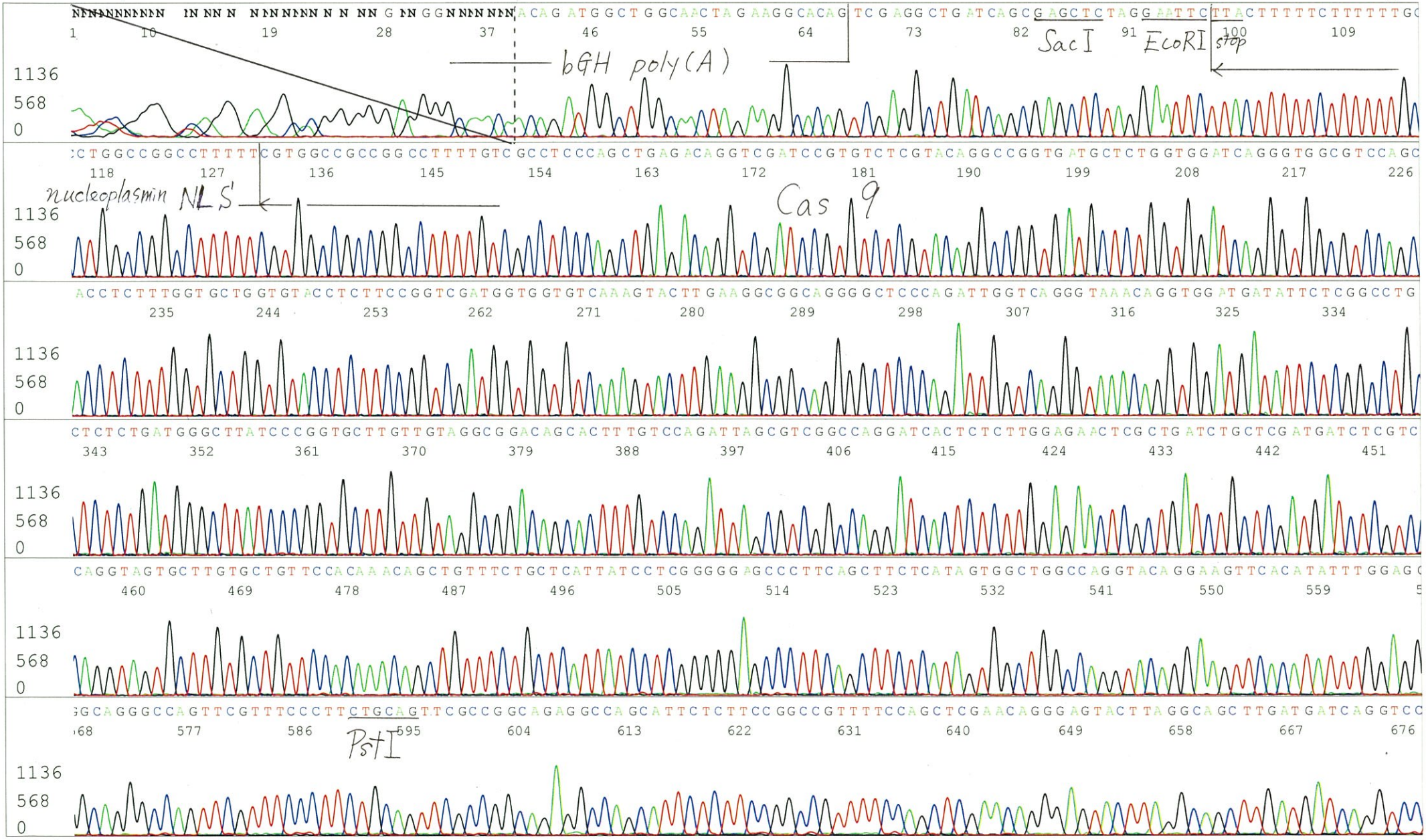
Applied Biosystems

S/N G:71 A:63 T:82 C:101
KB.bcp
KB 1.4.1.8 Cap:2

primer name C : BGH_rev2
5'- TATTAGGAAAGGACAGTGGG -3'

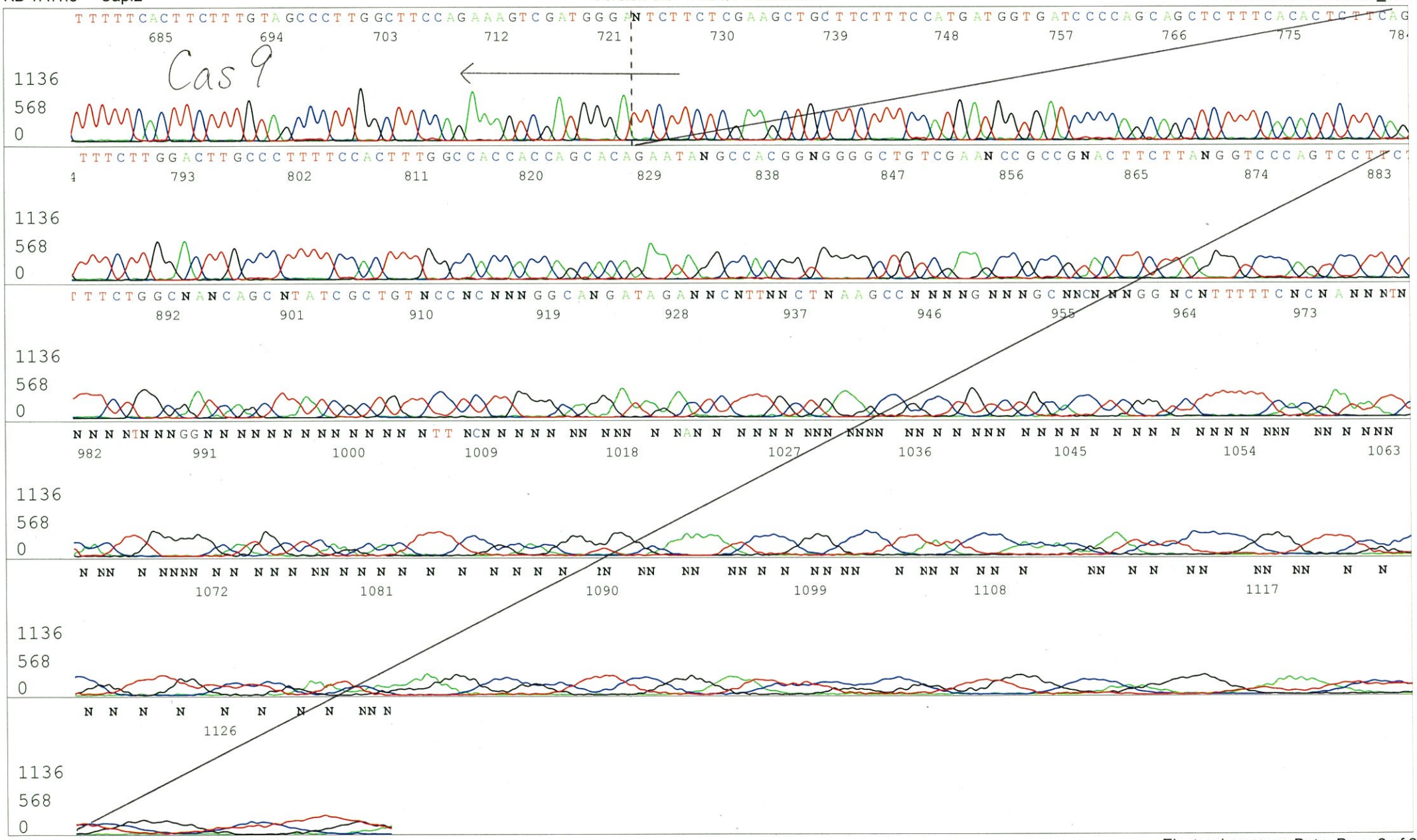
D06399A7_A9Fh_2_BGH_rev2_B02_02_ABI08
D06399A7_A9Fh_2_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1491 to 13509 Pk1 Loc:1468
Version 6.0 HiSQV Bases: 981

Inst Model/Name 3500/3500 Instrument
Jul 08,2019 04:13PM, JST
Jul 08,2019 04:41PM, JST
Spacing:12.24 Pts/Panel1350
Plate Name: 20190708_mix



Applied Biosystems

S/N G:71 A:63 T:82 C:101
KB.bcp
KB 1.4.1.8 Cap:2

D06399A7_A9Fh_2_BGH_rev2_B02_02_ABI08
D06399A7_A9Fh_2_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1491 to 13509 Pk1 Loc:1468
Version 6.0 HiSQV Bases: 981

Inst Model/Name 3500/3500 Instrument
Jul 08,2019 04:13PM, JST
Jul 08,2019 04:41PM, JST
Spacing:12.24 Pts/Panel1350
Plate Name: 20190708_mix