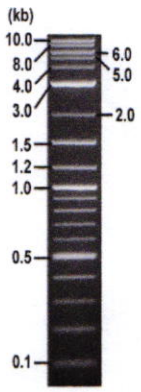
Gene Engineering Division
RIKEN BioResource Research Center

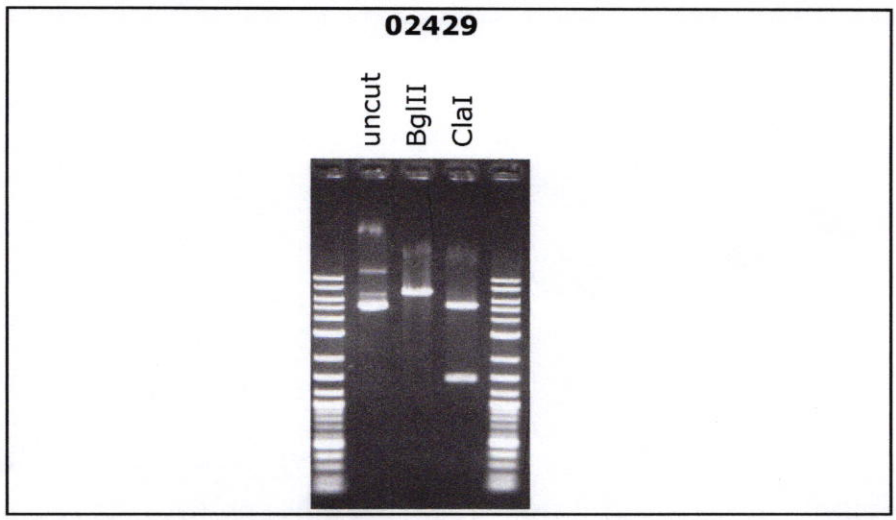
RIKEN DNA BANK

clone name : pCAGhp53WT (Forward)

- **Clone ID** : RDB _ 02429
- **Lot** : 13743 _ A5Lo
- **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





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

Restriction enzyme		Expected size of fragment	
BglII	:	**6.9**	kbp
ClaI	:	**5.4, 1.5**	kbp
	:		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	Pr0164	pAxCA_F1	insert 5'
Sequence - B	Pr0066	pCA-bgter	insert 3'
Sequence - C	Pr1029	TP53-M_F	insert mid(273aa,R)
Sequence - D	-	-	-

APPROVED BY :

確認 21.7.28 栗原

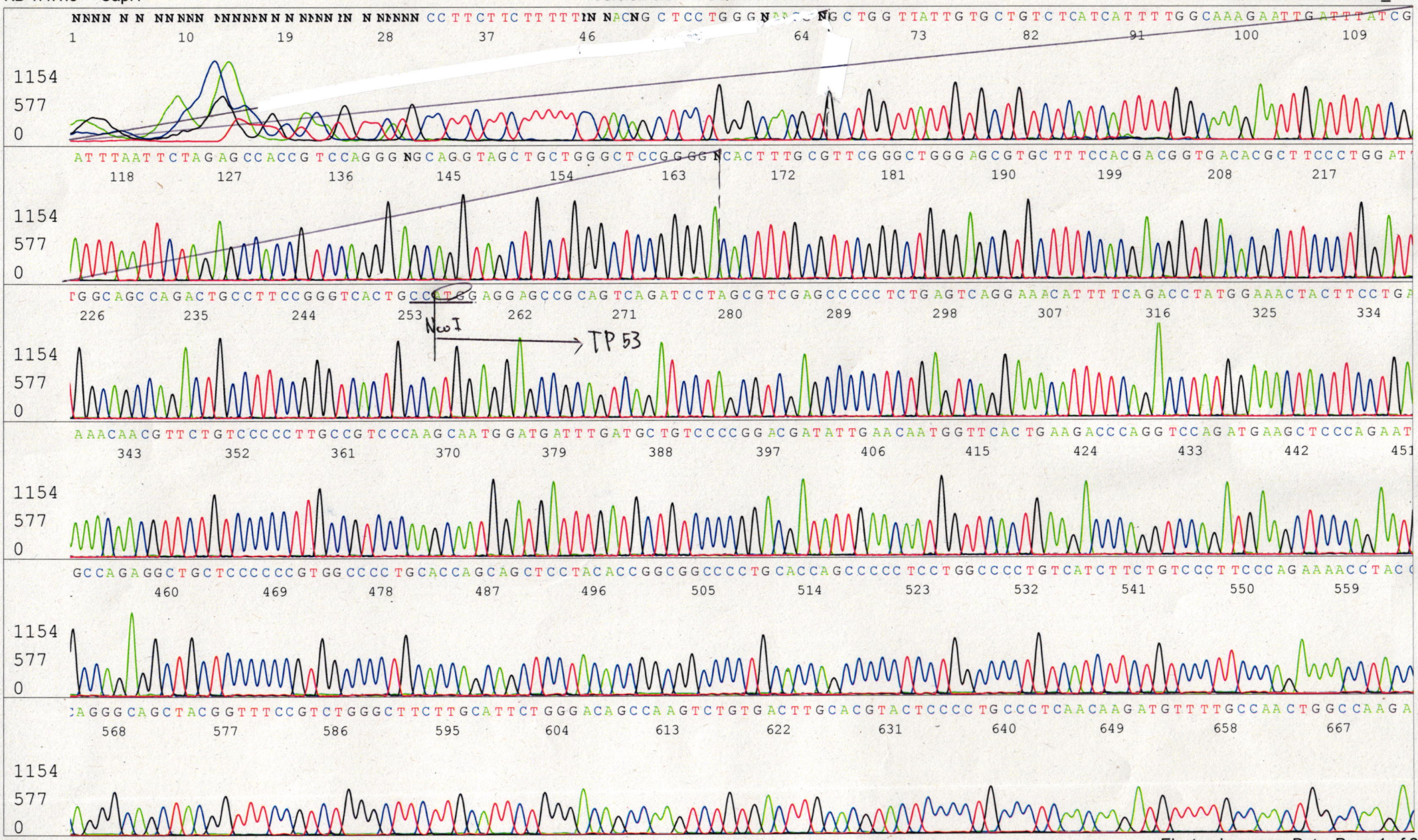
Applied Biosystems

S/N G:139 A:124 T:160 C:211
KB.bcp
KB 1.4.1.8 Cap:1

primer name A : pAxCA_F1
5'- GGCTTCTGGCGTGTGACCGGC -3'

02429_13743_A5Lo_pAxCA_F1_A04_01
02429_13743_A5Lo_pAxCA_F1
KB_3500_POP7_BDTv3.mob
Pts 1547 to 12564 Pk1 Loc:1524
Version 6.0 HiSQV Bases: 841

Inst Model/Name 3500/3500 Instrument
Jan 08,2016 10:19AM, JST
Jan 08,2016 10:45AM, JST
Spacing:11.01 Pts/Panel1350
Plate Name: 20160108_mix



Applied Biosystems

S/N G:139 A:124 T:160 C:211
KB.bcp
KB 1.4.1.8 Cap:1

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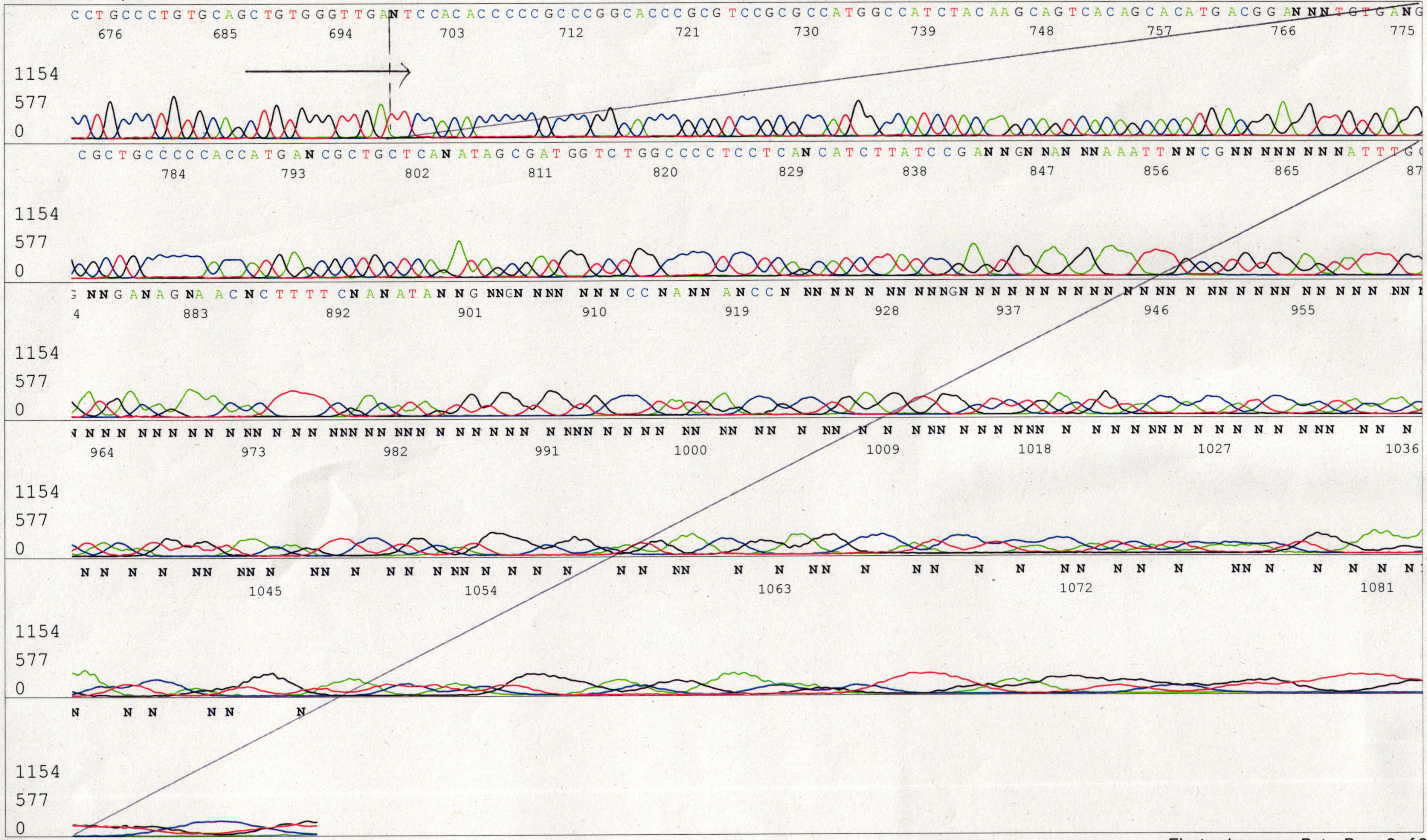
Pts 1547 to 12564 Pk1 Loc:1524
Version 6.0 HiSQV Bases: 841

Inst Model/Name 3500/3500 Instrument
Jan 08,2016 10:19AM, JST
Jan 08,2016 10:45AM, JST
Spacing:11.01 Pts/Panel1350
Plate Name: 20160108_mix



Printed on: Wed Jul 28,2021 10:05AM, JST

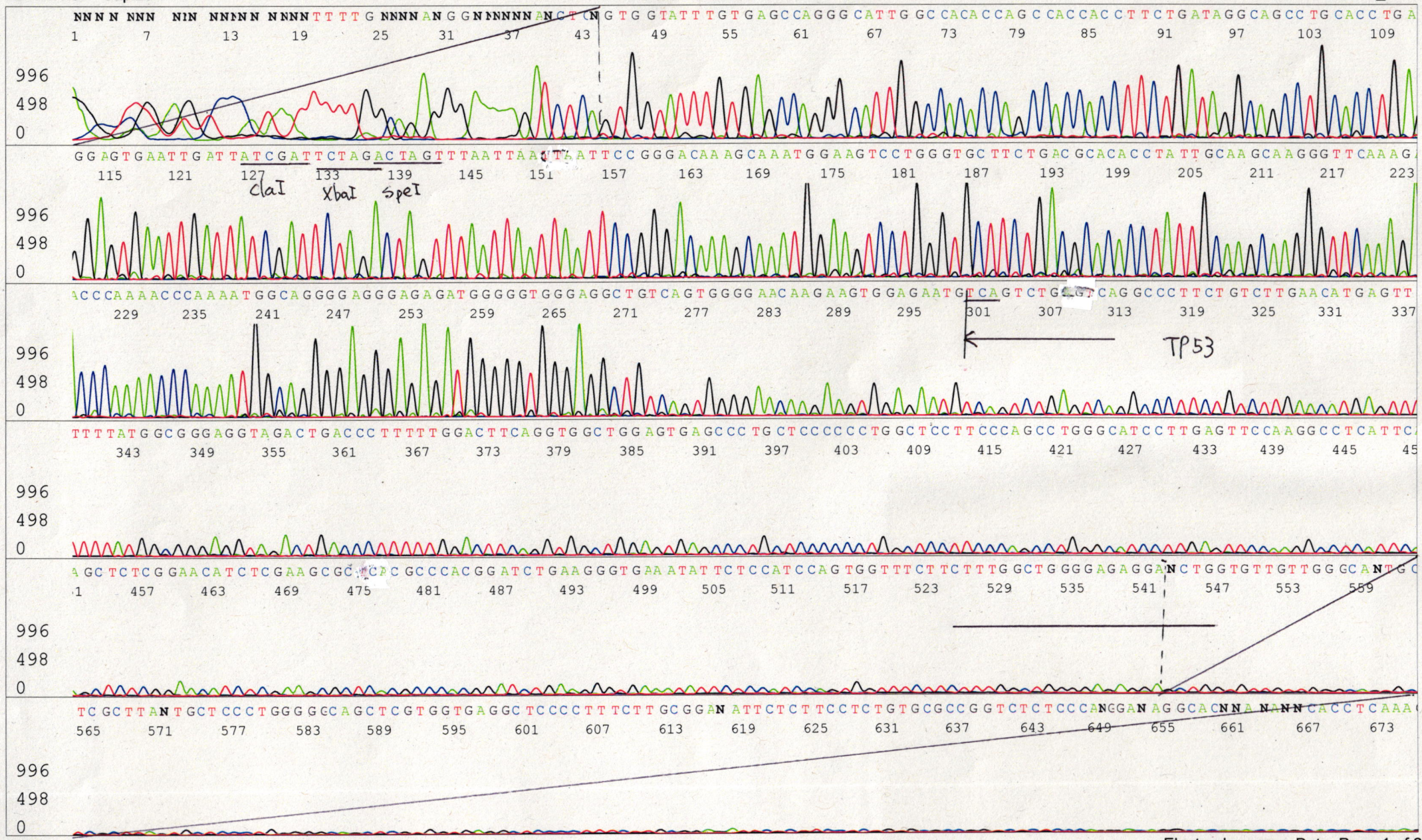
Applied Biosystems

S/N G:83 A:51 T:53 C:45
KB.bcp
KB 1.4.1.8 Cap:23

primer name B :pCA-bgter
5' ATTAGCCAGAAGTCAGATGCTC 3'

02429_13743_A5Lo_pCA-bgter_H02_23
02429_13743_A5Lo_pCA-bgter
KB_3500_POP7_BDTv3.mob
Pts 1289 to 13025 Pk1 Loc:1266
Version 6.0 HiSQV Bases: 659

Inst Model/Name 3500/3500 Instrument
Jan 15,2016 05:02PM, JST
Jan 15,2016 05:28PM, JST
Spacing:11.42 Pts/Panel1350
Plate Name: 20160115_bank



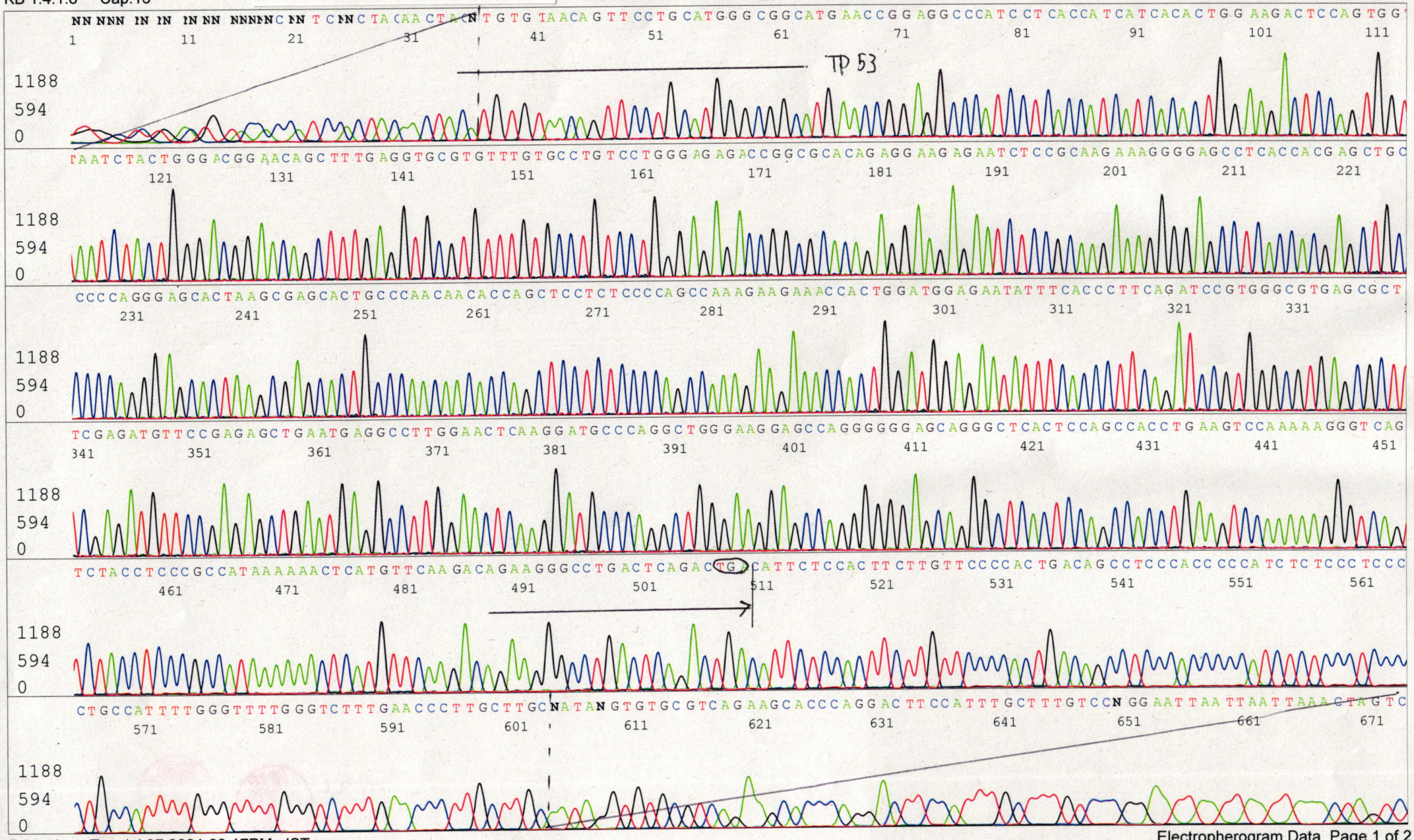
Applied Biosystems

S/N G:566 A:610 T:495 C:701
KB.bcp
KB 1.4.1.8 Cap:16

primer name : TP53-M_F
5' ATAGTGTGGTGGTGCCCTATG 3'

02429_13743_A5Lo_TP53-M_F_F01_16_ABI24
02429_13743_A5Lo_TP53-M_F
KB_3500_POP7_BDTv3.mob
Pts 1759 to 8707 Pk1 Loc:1727
Version 6.0 HiSQV Bases: 673

Inst Model/Name 3500/3500 Instrument
Jul 27,2021 02:20PM, JST
Jul 27,2021 02:49PM, JST
Spacing:10.59 Pts/Panel1350
Plate Name: 20210727_dnabank



Printed on: Tue Jul 27,2021 03:17PM, JST