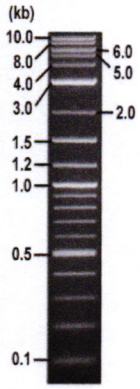
Gene Engineering Division
RIKEN BioResource Research Center

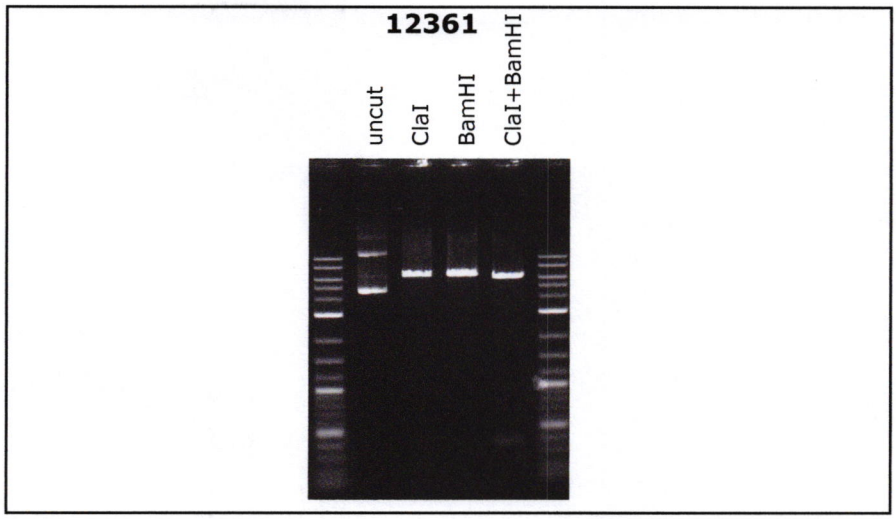
RIKEN DNA BANK

clone name : pcDNA3Flag-hp38gamma

- **Clone ID** : RDB _ 12361
- **Lot** : 12361 _ A4B5
- **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	
ClaI	:	**6.5**	kbp
BamHI	:	**6.5**	kbp
ClaI+BamHI	:	**6.1, 0.4**	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'(FLAG,p38 gamma 5')
Sequence - B	Pr0885	bGH_rev3	insert 3'(p38 gamma 3')
Sequence - C	Pr1102	p38gamma-M_R	insert mid(p38 gamma mid)
Sequence - D	Pr0731	SV40pro_ori_F	SV40 pro_ori,NeoR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 22.2.10 栗原

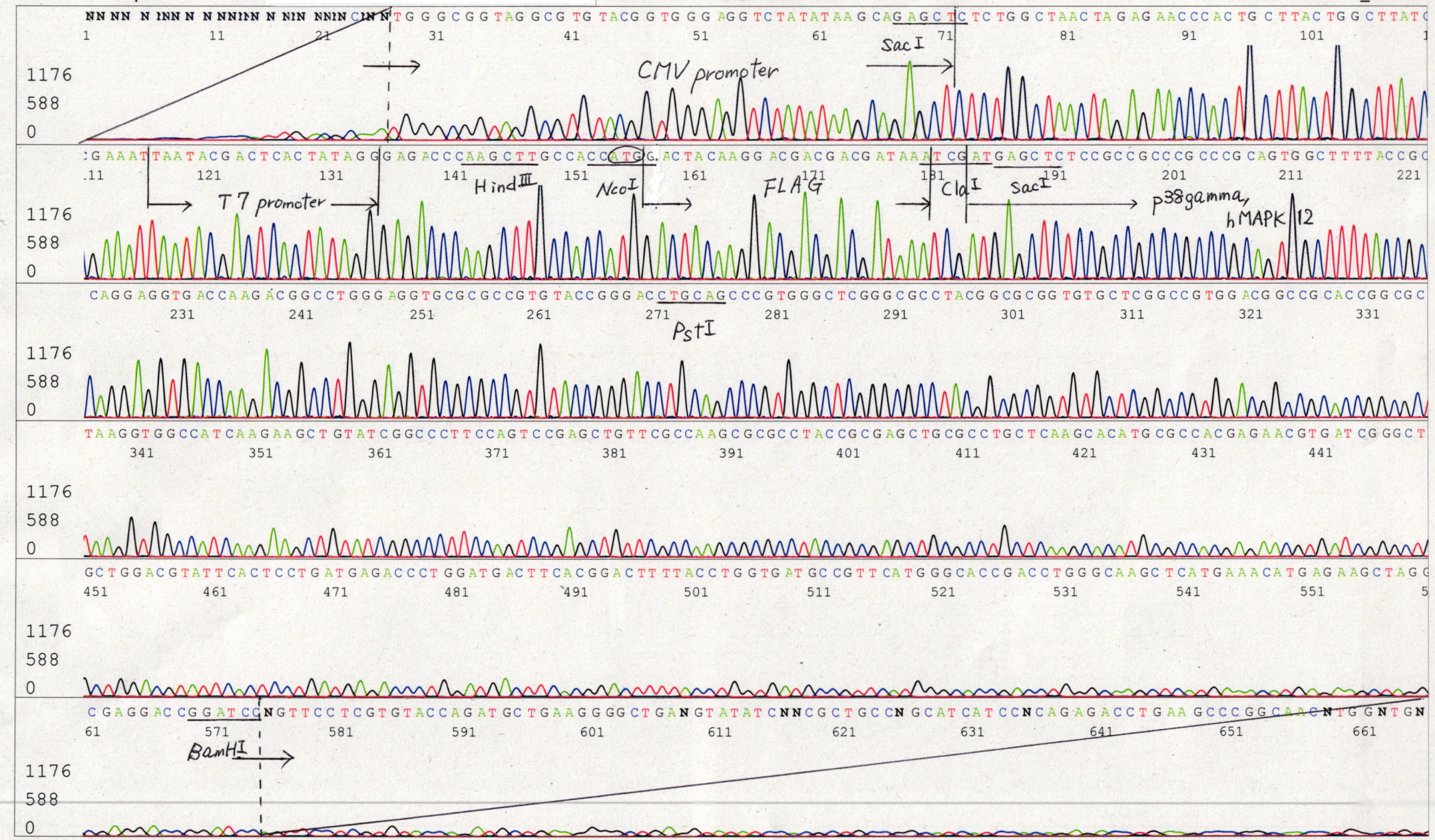
Applied Biosystems

S/N G:490 A:357 T:268 C:363
KB.bcp
KB 1.4.1.8 Cap:2

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

12361_12361_B2A7F_2_CMV-Forward_A02_02_ABI24
12361_12361_B2A7F_2_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1855 to 8706 Pk1 Loc:1823
Version 6.0 HiSQV Bases: 655

Inst Model/Name 3500/3500 Instrument
Jan 11,2022 02:11PM, JST
Jan 11,2022 02:26PM, JST
Spacing:10.59 Pts/Panel1350
Plate Name: 20220111_dnabank



Applied Biosystems

S/N G:20 A:13 T:14 C:16
KB.bcp
KB 1.4.1.8 Cap:5

primer name B : bGH_rev3
5'-TTAGGAAAGGACAGTGGGAGTG -3'

12361_12361_B2A7F_2_bGH_rev3_B02_05_ABI24
12361_12361_B2A7F_2_bGH_rev3
KB_3500_POP7_BDTv3.mob
Pts 2085 to 8706 Pk1 Loc:2053
Version 6.0 HiSQV Bases: 563

Inst Model/Name 3500/3500 Instrument
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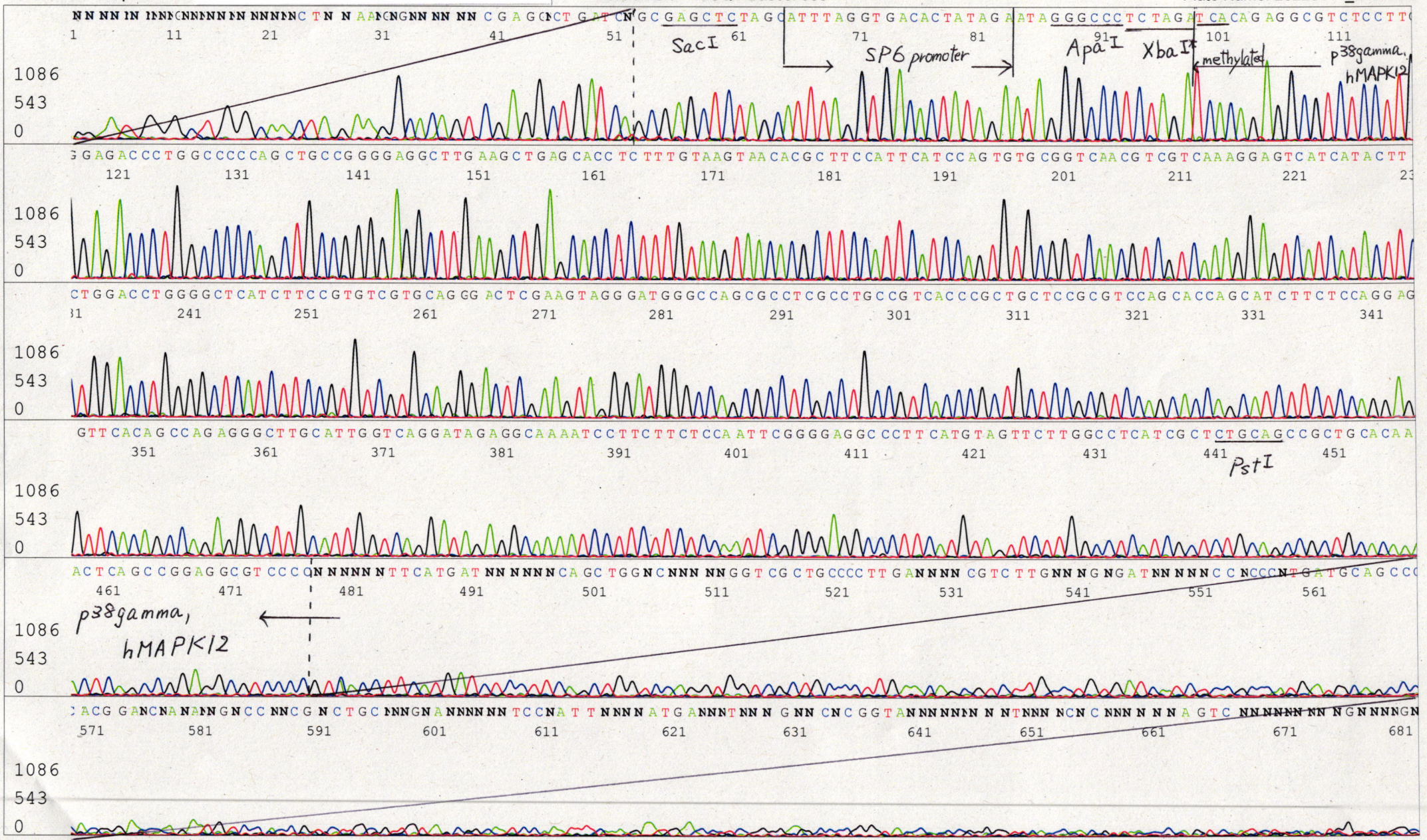
Plate Name: 20220111_dnabank



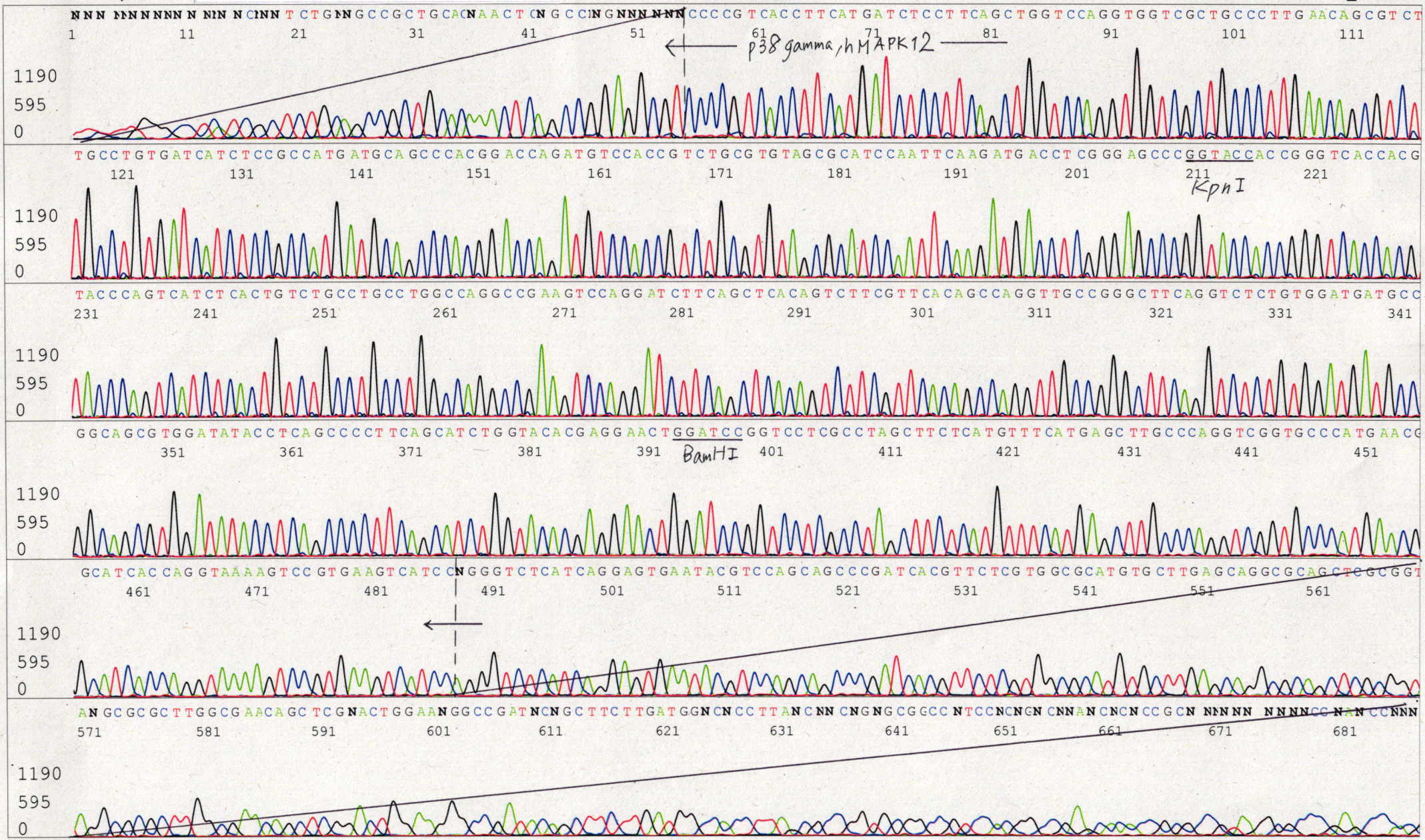
Applied Biosystems

S/N G:84 A:46 T:55 C:45
KB.bcp
KB 1.4.1.8 Cap:18

primer name C : p38gamma-M_R
5'-CCTTCTTCTCCAATTCGGGG-3'

12361_12361_B2A7F_2_p38gamma-M_R_F03_18_ABI24
12361_12361_B2A7F_2_p38gamma-M_R
KB_3500_POP7_BDTv3.mob
Pts 1714 to 8707 Pk1 Loc:1682
Version 6.0 HiSQV Bases: 637

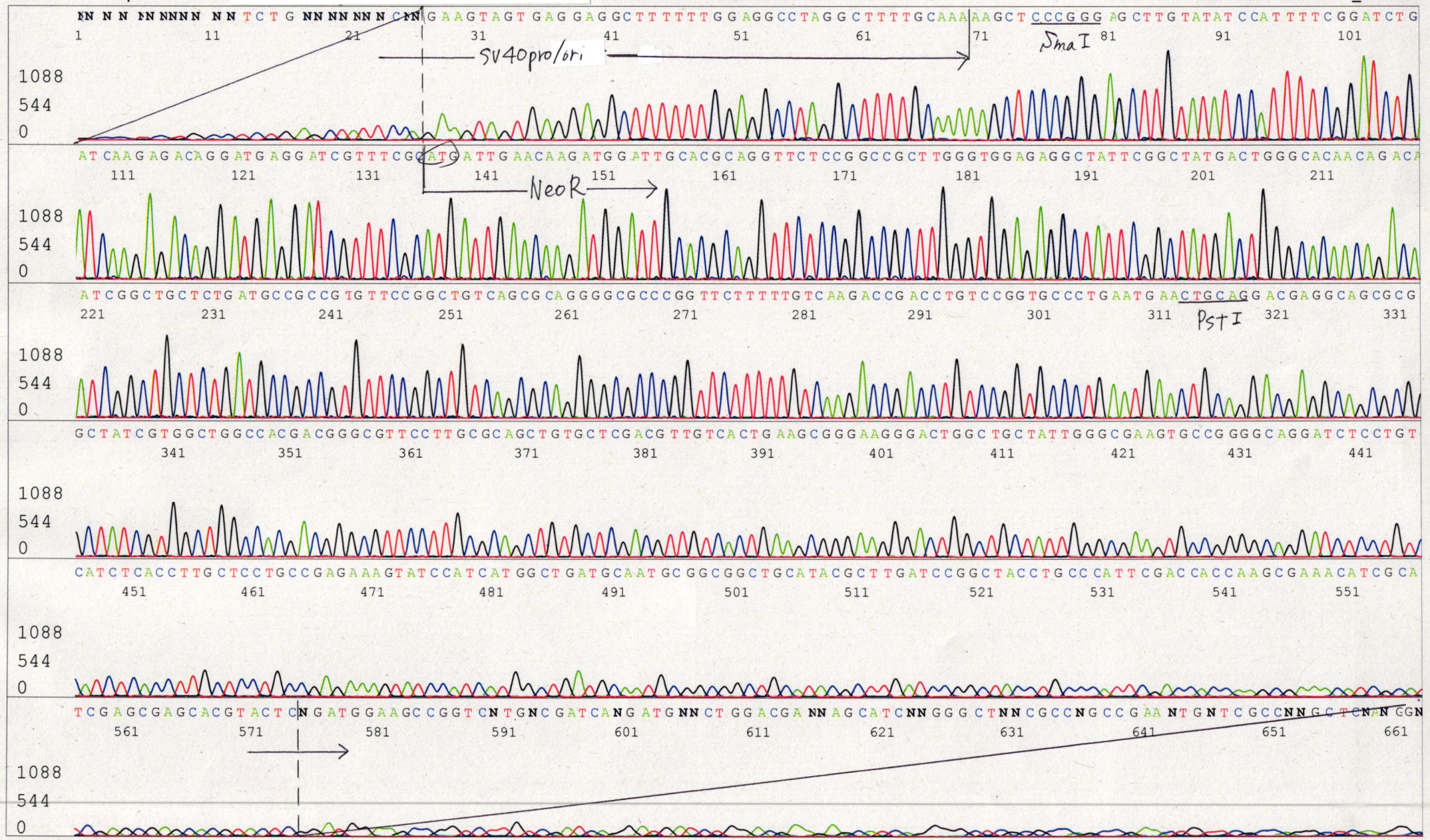
Inst Model/Name 3500/3500 Instrument
Jan 18,2022 11:48AM, JST
Jan 18,2022 12:03PM, JST
Spacing:10.95 Pts/Panel1350
Plate Name: 20220118_dnabank1



Applied Biosystems

12361_12361_B2A7F_2_SV40pro_ori_F_C02_08_ABI24
12361_12361_B2A7F_2_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1960 to 8706 Pk1 Loc:1928
Version 6.0 HiSQV Bases: 651

Inst Model/Name 3500/3500 Instrument
Jan 11,2022 02:11PM, JST
Jan 11,2022 02:26PM, JST
Spacing:10.52 Pts/Panel1350
Plate Name: 20220111_dnabank

S/N G:191 A:101 T:104 C:108
KB.bcp
KB 1.4.1.8 Cap:8

primer name ▷ : SV40pro_ori_F
5'-TTCTCCGCCCCATGGCTGACTAAT-3'