Gene Engineering Division
RIKEN BioResource Center

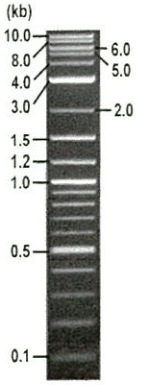
RIKEN DNA BANK

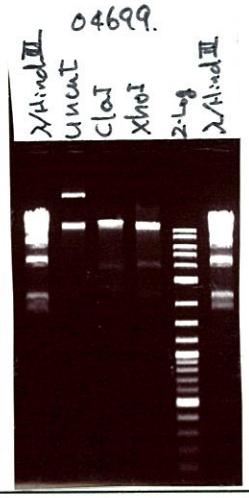
clone name : pAxCALNLhSTAT3(forward)

- Clone ID : RDB _ 04699
- Lot : 04699 _ A4Kb
- 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

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well





Erectrophoresis : 51 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
ClaI	:	43.0, 4.2, 2.8	kbp
XhoI	:	25.0, 14.0, 4.3, 2.4, 1.4, 1.2, 0.6	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	pAxCA_F1
Sequence - B	pAxCALNL_F1
Sequence - C	pAxCA_R1
Sequence - D	-

APPROVED BY : 確認 14.11.21 金藤

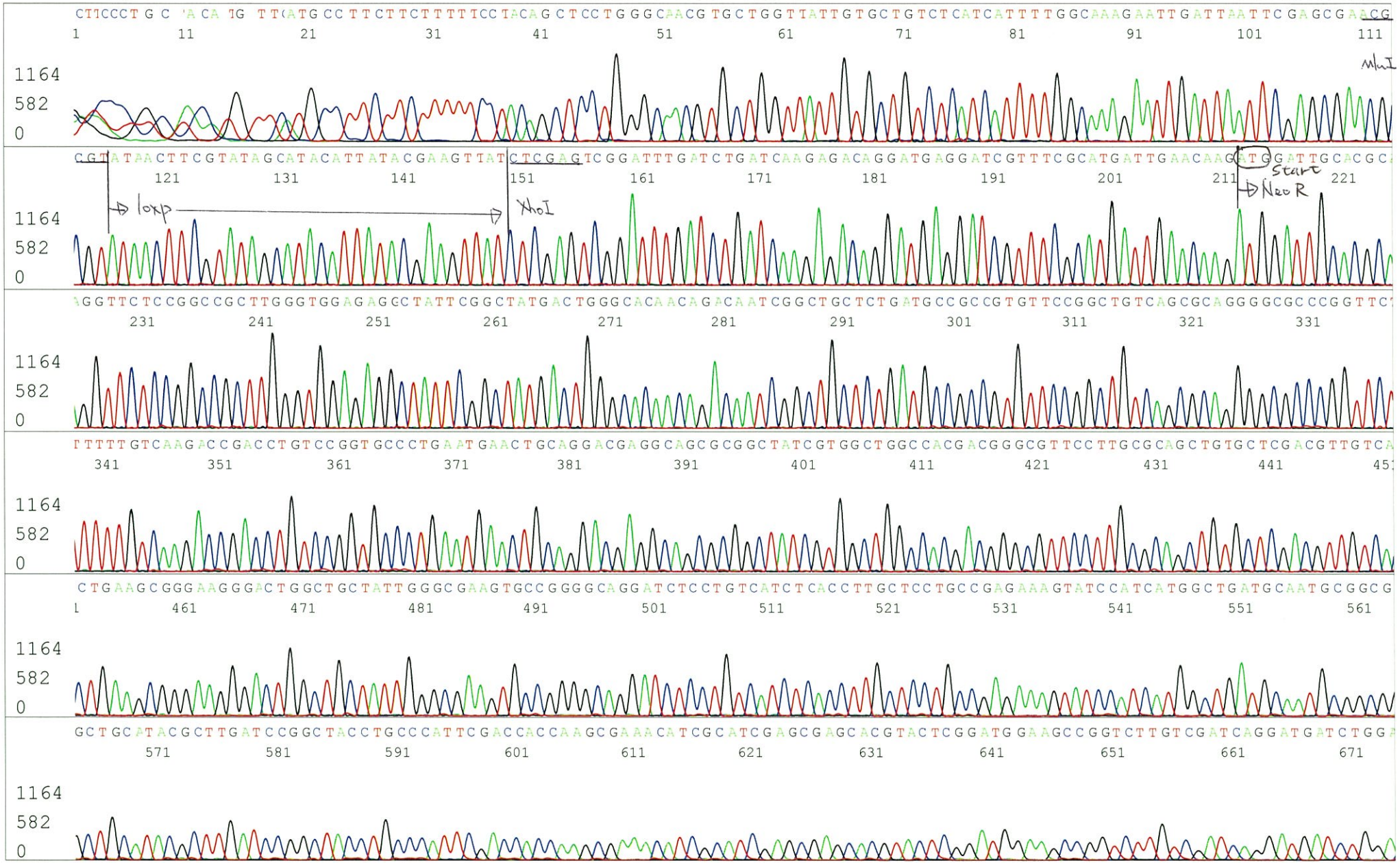
Applied Biosystems

04699_04699_A4Kb_15_pAxCA_F1_B04_04
04699_04699_A4Kb_15_pAxCA_F1
KB_3500_POP7_BDTv3.mob
Pts 1328 to 13081 Pk1 Loc:1305
Version 5.4 HiSQV Bases: 1040

Inst Model/Name 3500/3500 Instrument
Nov 20,2014 01:41PM, JST
Nov 20,2014 02:07PM, JST
Spacing:11.61 Pts/Panel1350
Plate Name: 20141120_mix2

S/N G:248 A:169 T:143 C:142
KB.bcp
KB 1.4.1.8 Cap:4

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



Applied Biosystems

04699_04699_A4Kb_15_pAxCALNL_F1_A04_01
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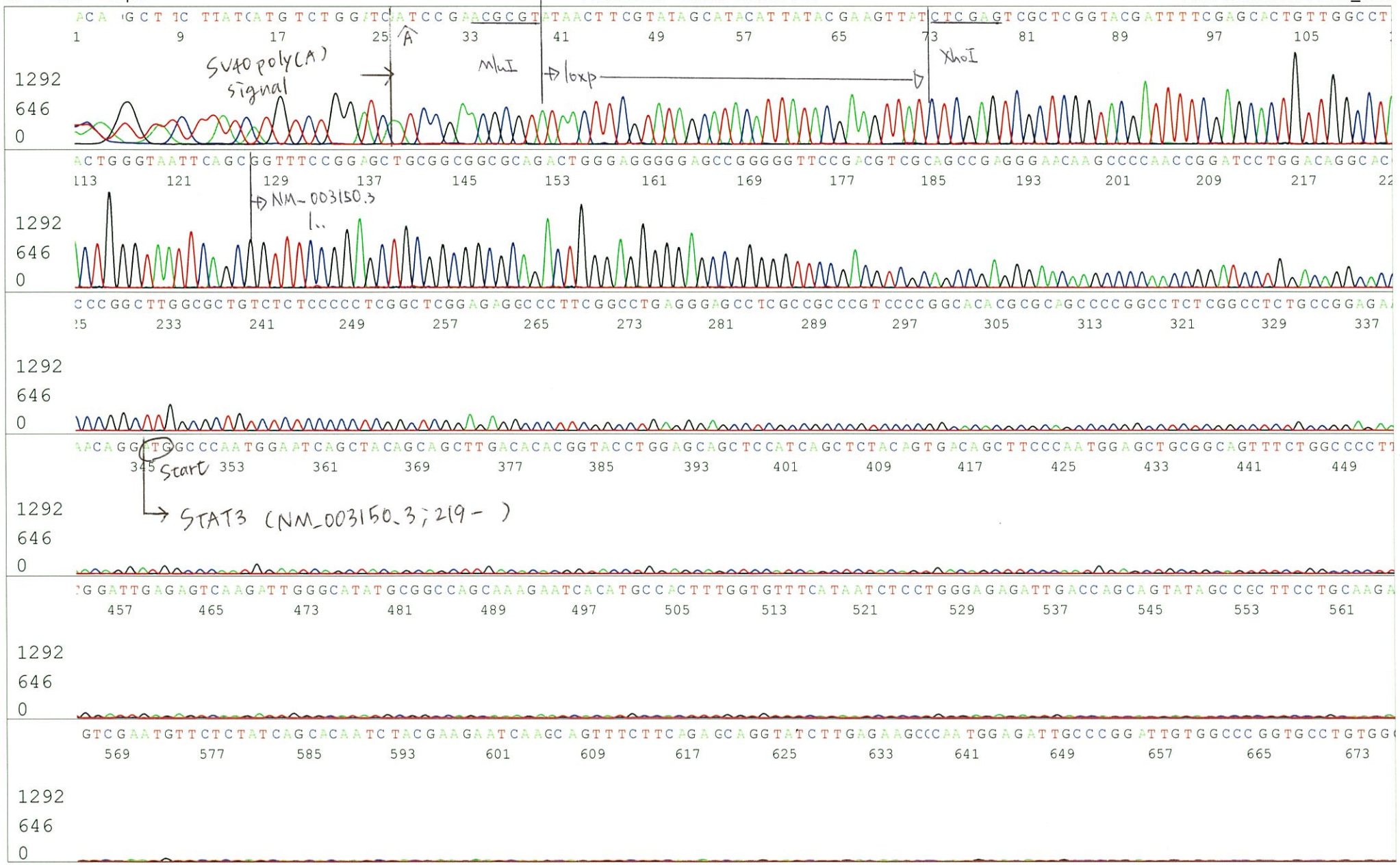
KB_3500_POP7_BDTv3.mob
Pts 1347 to 13025 Pk1 Loc:1324
Version 5.4 HiSQV Bases: 784

Inst Model/Name 3500/3500 Instrument
Nov 20,2014 01:41PM, JST
Nov 20,2014 02:07PM, JST
Spacing:11.51 Pts/Panel1350
Plate Name: 20141120_mix2

S/N G:142 A:103 T:77 C:91
KB.bcp
KB 1.4.1.8 Cap:1

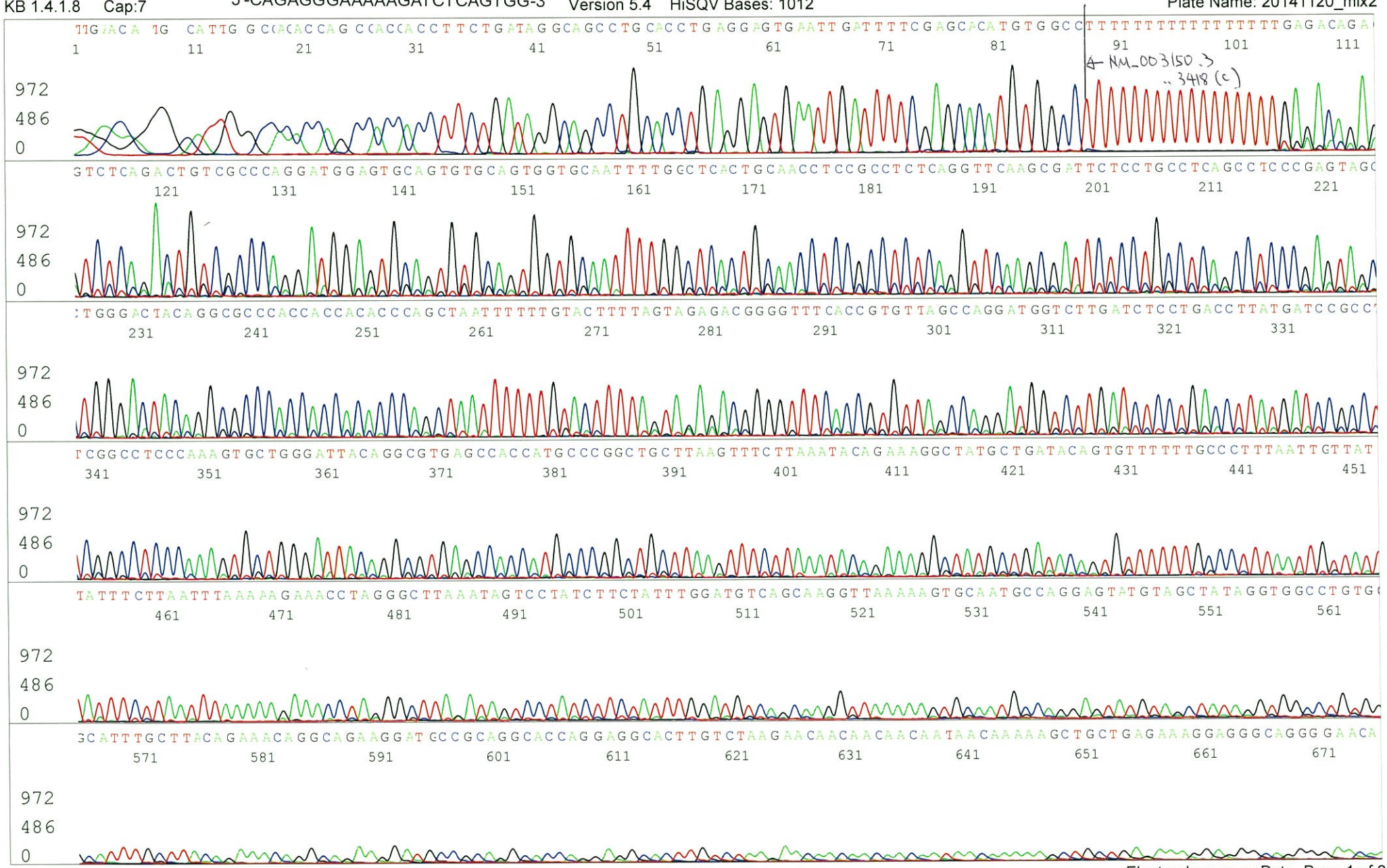
primer name B : pAxCALNL_F1
5'-CACTGCATTCTAGTTGTGGTTTGTCC-3'



Applied Biosystems

04699_04699_A4Kb_15_pAxCA_R1_C04_07
04699_04699_A4Kb_15_pAxCA_R1
KB_3500_POP7_BDTv3.mob
Pts 1301 to 13048 Pk1 Loc:1278
Version 5.4 HiSQV Bases: 1012

Inst Model/Name 3500/3500 Instrument
Nov 20,2014 01:41PM, JST
Nov 20,2014 02:07PM, JST
Spacing:11.59 Pts/Panel1350
Plate Name: 20141120_mix2

S/N G:309 A:246 T:183 C:178
KB.bcp
KB 1.4.1.8 Cap:7

primer name C : pAxCA_R1
5'-CAGAGGGAAAAAGATCTCAGTGG-3'