

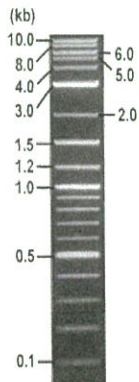


RIKEN DNA BANK

clone name : pmGR 3

- Clone ID : RDB_13197
- Lot : 13197_A5Ci
- 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



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

Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>6.2</u> kbp
<u>EcoRI</u>	<u>3.3, 3.0</u> kbp
<u>XbaI</u>	<u>4.6, 1.6</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	T7_20bp	Sequence - E	-
Sequence - B	reverse2	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



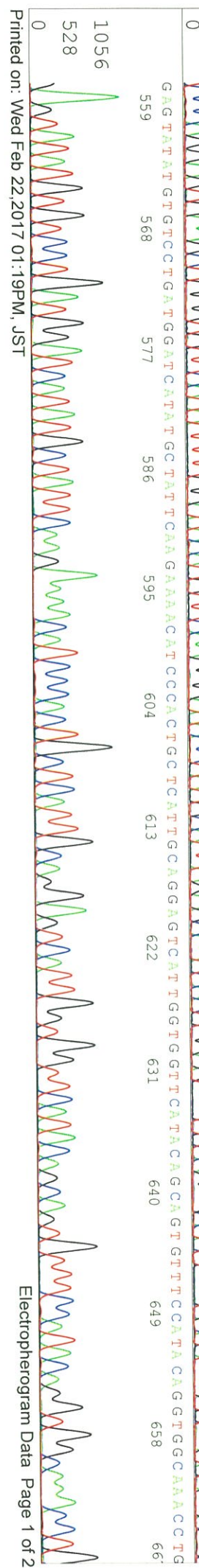
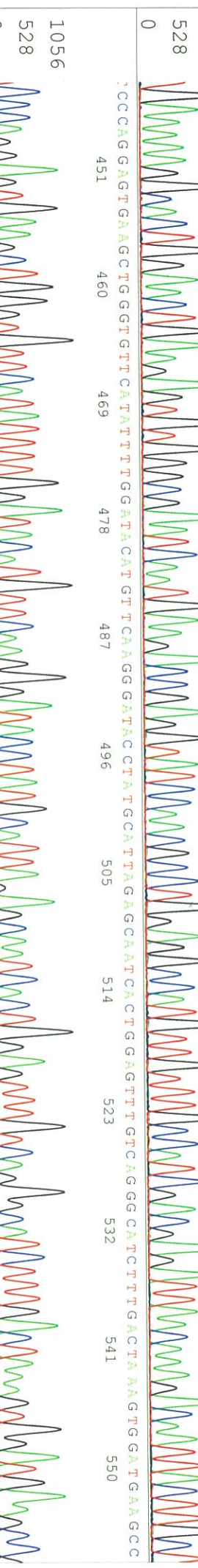
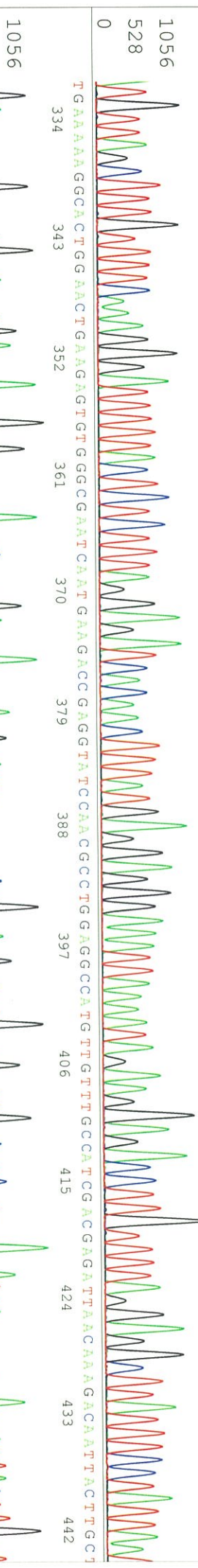
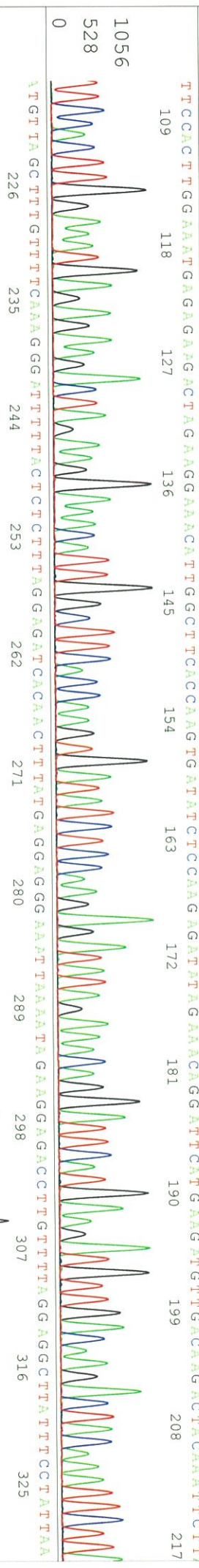
Primer A: T7_20bp
5' TAAATACGACTCACTATAGGG 3'

13197_13197_A5Ci_T7_20mer_G03_21
13197_13197_A5Ci_T7_20mer
KB_3500_POP7_BDTV3.mob
Pis 1418 to 12625 Pk1 Loc:1395

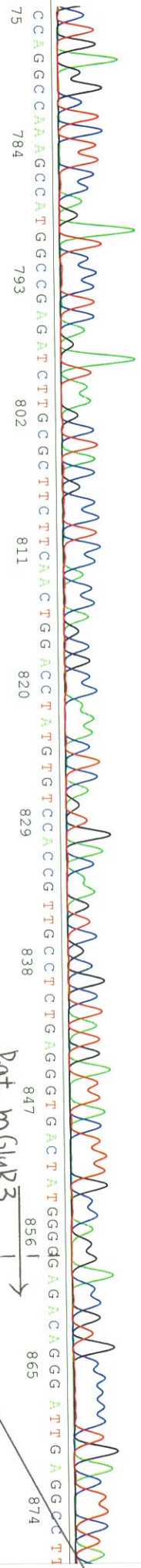
Version 6.0 HiSeqV Bases: 983

KB 1.4.1.8 Cap:21

SpeI BamHI SmaI PstI
EcoRI
Pat mGluR3 Refseq: NM_001105712.1 (81..)



7 CTGAGGCTCTTCCAGATCCCTCAGATAAGCTACGCCCTCCACCAAGCCGCCAAACTCAGTGAACAAAGTCCGCCCTATGATTACTTTGCCAGGACCGTGCCTTCTA



75 CCAAGCCAAAGCCATGGCCGAGATCTTGCCGCTTCTCAACTGGACCATTGTGTCACCGTTGCCCTCTGAGGGTGACTATGGGdGAGACAGGATTGAGGCCTT

883 CGAGCAGGAAAGCAAGCCGCTGCGCTAACTCTGCAATCTGCGCCACTGGAAAAGGTGGGCCCGCTCCAACTCCGCAATCCGCAAGTCCATAAGGATACG

973 TTAGCTCC TGCAGAAACCCAAA TGC CGCGG TCG TGG TCCC TGTTCA TGC GCGAG TGAACG AACTCAAGAGAGCTG ATCG CCGG CAA

54 CCG A CCG TGG AA TGG CCC TTCC ATT CA C TTG G TTA CC AAAG CG ACC G CC TGG GGG TGC ATCG CCGG CAA

.117 G G AA G A GA G C C C A TT A G

RefSeq: NM-001105712.1 (.893.7)

Pat mGluR3

Primer B: Reverse2
5' GCGGATAACAATTTCACACAGG 3'

RDB13197_A5Ci_1_reverse2_E08_14_ABI24

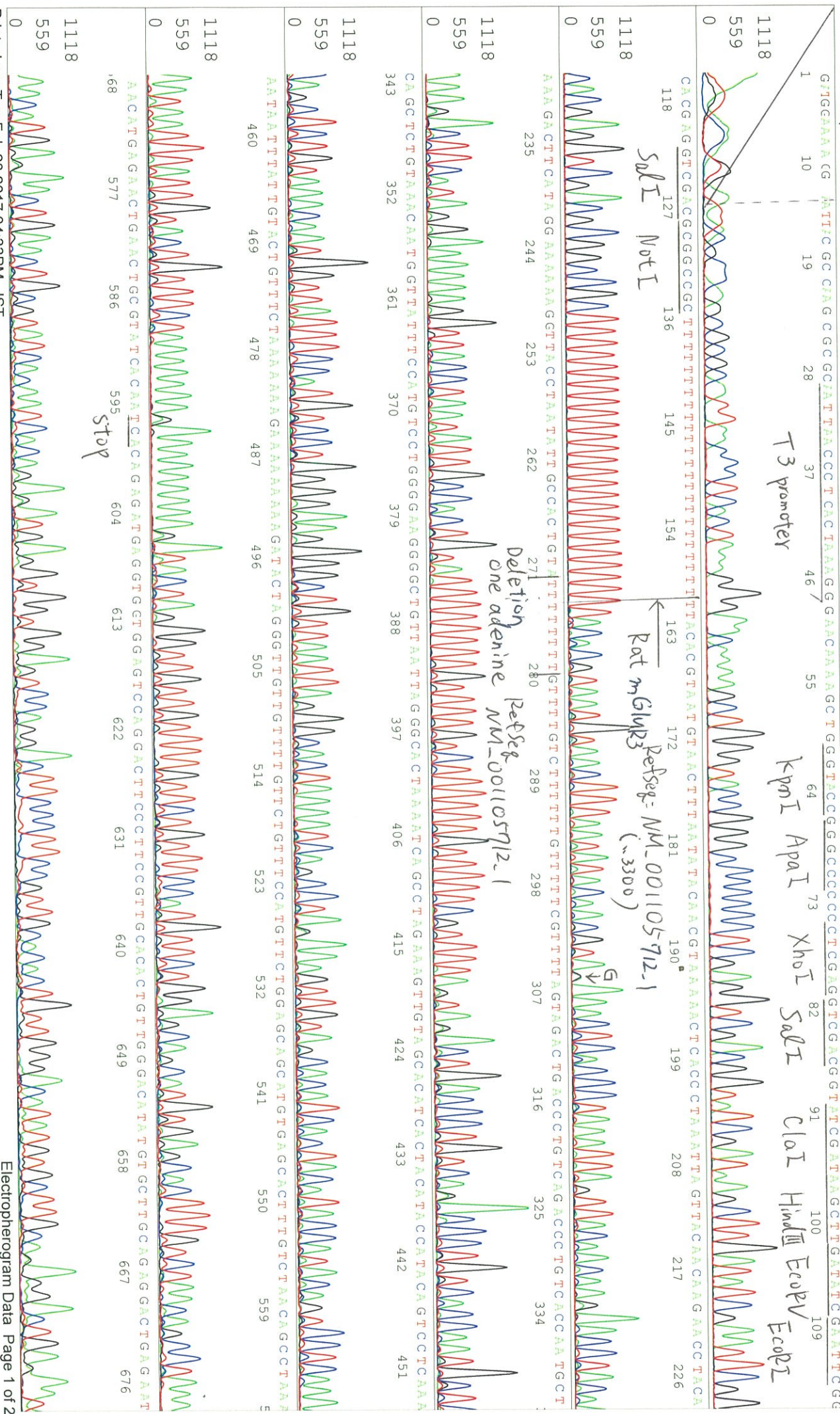
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Pis 1385 to 13219 PK1 Loc:1362

Version 6.0 HISQV Bases: 966

Inst Model/Name 3500/3500 Instrument

Feb 28,2017 02:07PM, JST
Feb 28,2017 02:47PM, JST
Spacing:11.99 Pts/Panel1350
Plate Name: 20170228_kitaku

KB 1.4.1.8 Cap:14



S/N G:39 A:56 T:53 C:62

RDB13197_A5C1_1_reverse2

Feb 28, 2017 02:07PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Feb 28, 2017 02:47PM, JST

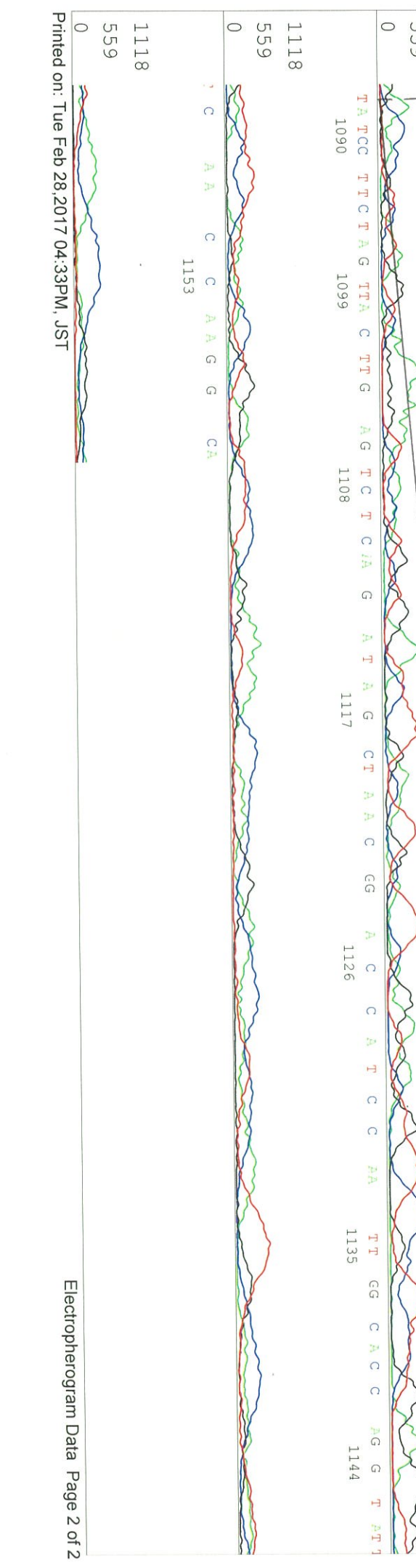
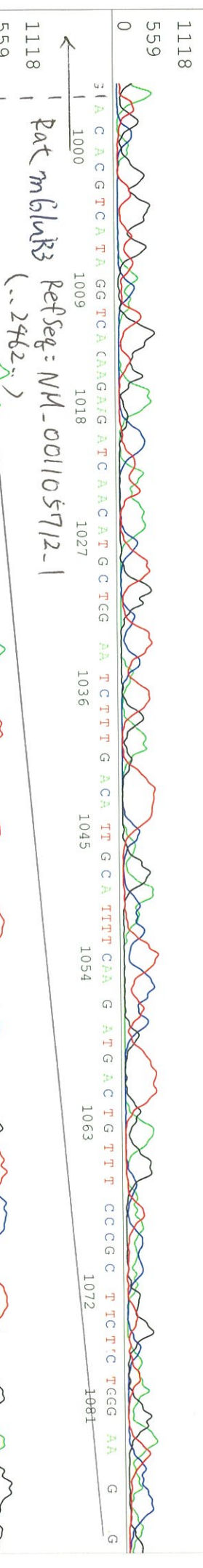
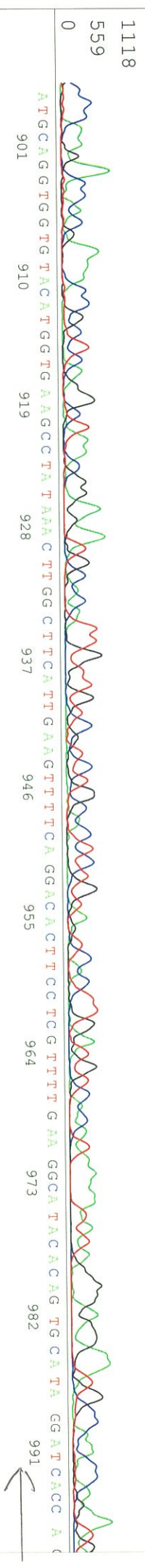
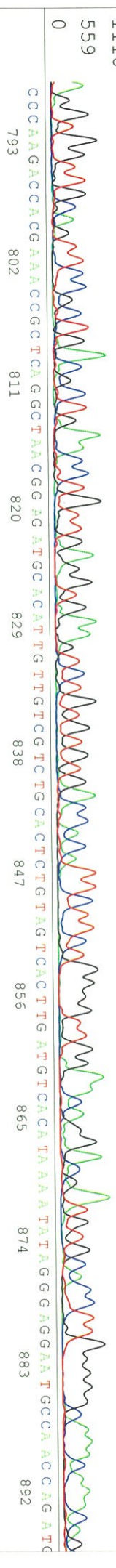
KB 1.4.1.8 Cap:14

Pis 1385 to 13219 PK1 Loc:1362

Spacing:11.99 Pis/Panel1350

Version 6.0 HISQV Bases: 966

Plate Name: 20170228_kitaku



Pat m blub3 RefSeg: NM_001105712.1 (...2462...)