

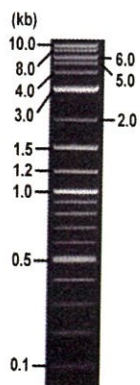


RIKEN DNA BANK

clone name : pCMV-TUBA1A flag- C25F

- Clone ID : RDB _ 14142
- Lot : 14142 _ A6Dp
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 25 microgram/ml kanamycin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

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

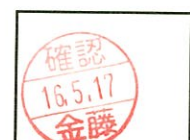


Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>PstI</u>	<u>5.6</u> kbp
<u>NdeI</u>	<u>4.4, 1.2</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	T7_20bp	Sequence - F	-
Sequence - C	SV40pro_F_V2	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

S/N G:241 A:223 T:232 C:274

primer name A : CMV-Forward

KB_3500_POP7_BDTV3.mob

May 11,2016 10:08AM, JST

KB.bcp

5-GCACCAAAATCAACGGGACTT-3'

Pis 1615 to 12550 Pk1 Loc:1592

May 11,2016 10:34AM, JST

KB 1.4.1.8 Cap:9

Version 6.0 HISQV Bases: 943

Spacing:10.91 Pts/Panel1350

1 1178
589
0

→ CHU promoter

109 118 127

136 145 *XbaI* 154 163 *MspI* 172 *StarB* 181 190 199 208

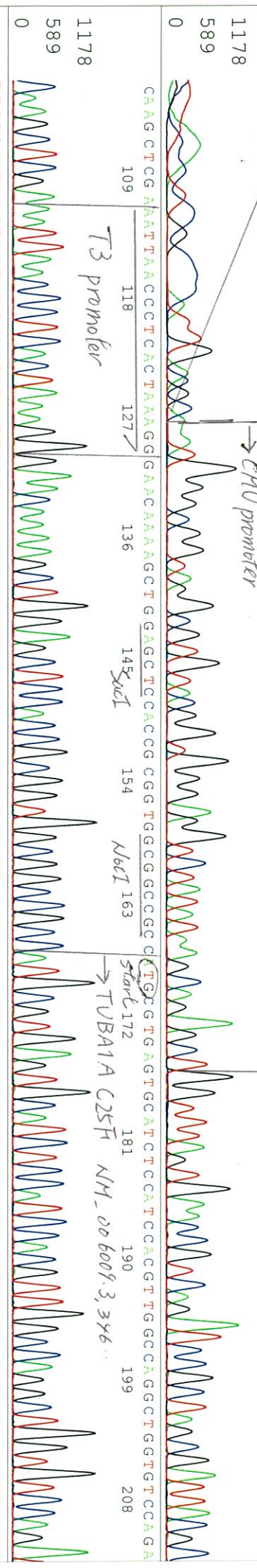
→ TUBA1A C25F NH_006009.3, 3Y6...

217 226 235 244 *C25F* 253 262 271 280 289 298 307 316 325

334 343 352 361 370 379 388 397 406 415 424 433

442 451 460 469 478 487 496 505 514 523 532 541 550

559 568 577 586 595 604 613 622 631 640 649 658



S/N G:241 A:223 T:232 C:274

D03180A3_A6Dp_3_CMV-Forward

May 11, 2016 10:08AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

May 11, 2016 10:34AM, JST

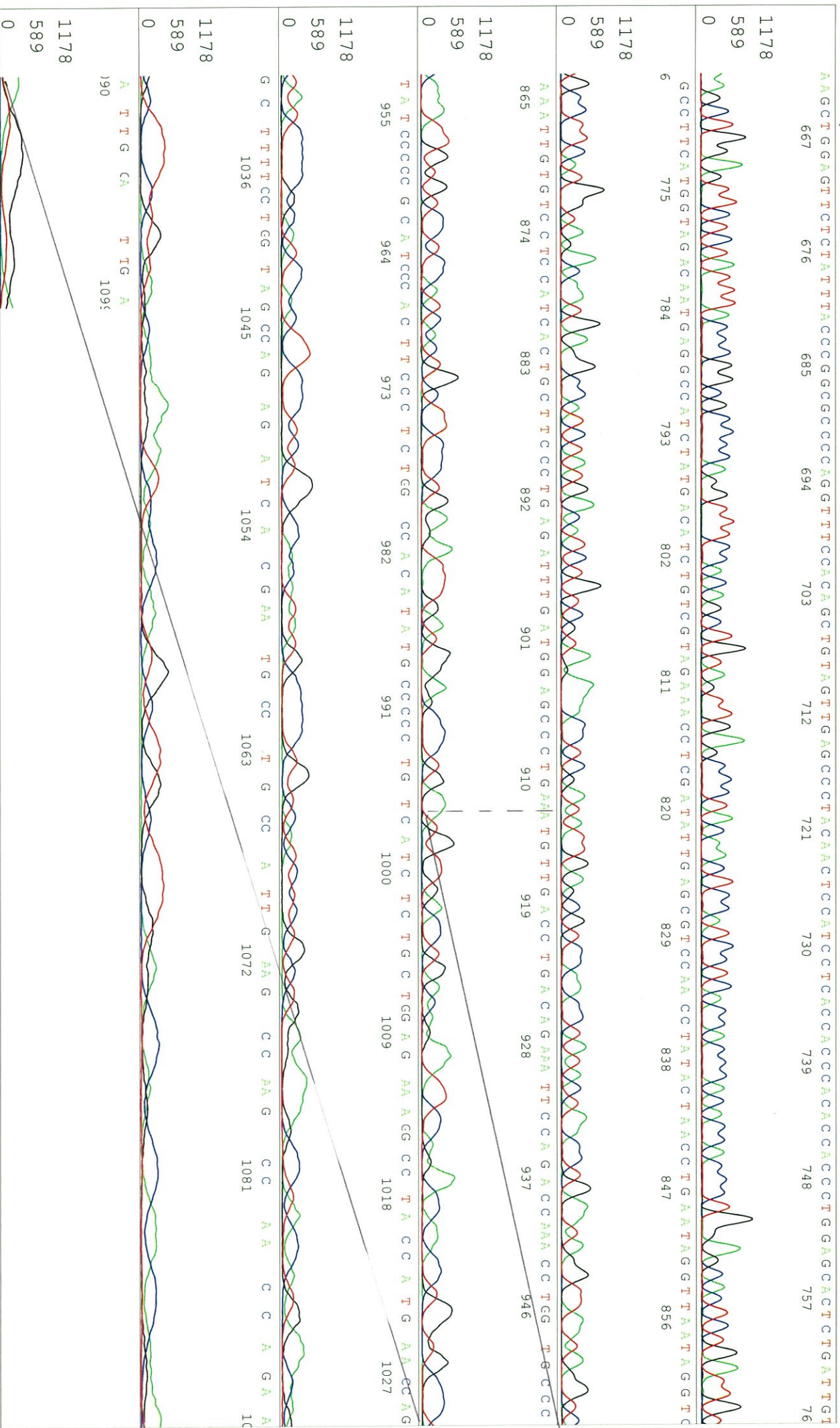
KB 1.4.1.8 Cap:9

Pis 1615 to 12550 Pk1 Loc:1592

Spacing:10.91 Pts/Panel1350

Version 6.0 HISQV Bases: 943

Plate Name: 20160511 Kitaku



S/N G:1095 A:1079 T:1156 C:1415

primer name B : T7_20bp

D03180A3_A6Dp_3_T7_20bp
KB_3500_POP7_BDTV3.mob
Pis 1574 to 11082 Pk1 Loc:1551

May 11,2016 10:08AM, JST
May 11,2016 10:34AM, JST
Spacing:10.95 Pts/Panel1350
Plate Name: 20160511 kitaku

KB 1.4.1.8 Cap:21

5- TAATACGACTCACTATAGGG-3' Version 6.0 HiSeqV Bases: 873



S/N G:1095 A:1079 T:1156 C:1415

D03180A3_A6Dp_3_TZ_20bp

May 11,2016 10:08AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

May 11,2016 10:34AM, JST

KB 1.4.1.8 Cap:21

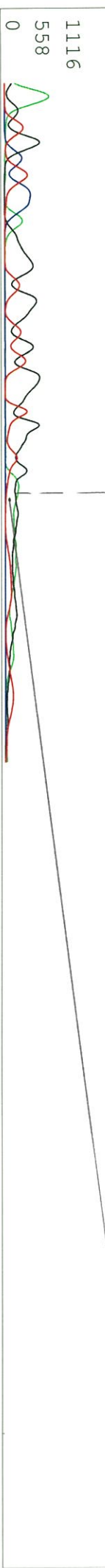
Pts 1574 to 11082 Pk1 Loc:1551

Spacing:10.95 Pts/Panel1350

1116 0 TGGGGGATAGGGGCAACCAAGGTTGGTCTGGAAATTCGTCCAGGTCACAACATTCAGGGCTCCATCAAATCTCCAGGAAAGCAGTGATGGAGGACCAAAATTGAACCTATT
671 681 691 701 711 721 731 741 751 761

558 0 AACCTATTCAAGGTTAGTATAGGTTGGACCGCTCAAATATCCGAGGTTCTCAACGATGTCATAGATGGCTCATTTGCTAACCATGAAAGGCAACAAATCA
771 781 791 801 811 821 831 841 851 861

1116 558 0 3AGTGCCTCCAGGGTGGTGTGGTGA~~AA~~GA~~CT~~ACATAGAATTTGT
871 881 891 901 911



S/N G:100 A:72 T:75 C:98

D03180A3_A6Dp_3_SV40pro_F_V2

primer name C : SV40pro_F_V2

KB_3500_POP7_BDTV3.mob

KB:bcpc

5'-TCGGCCTCTGAGCTATTTC-3'

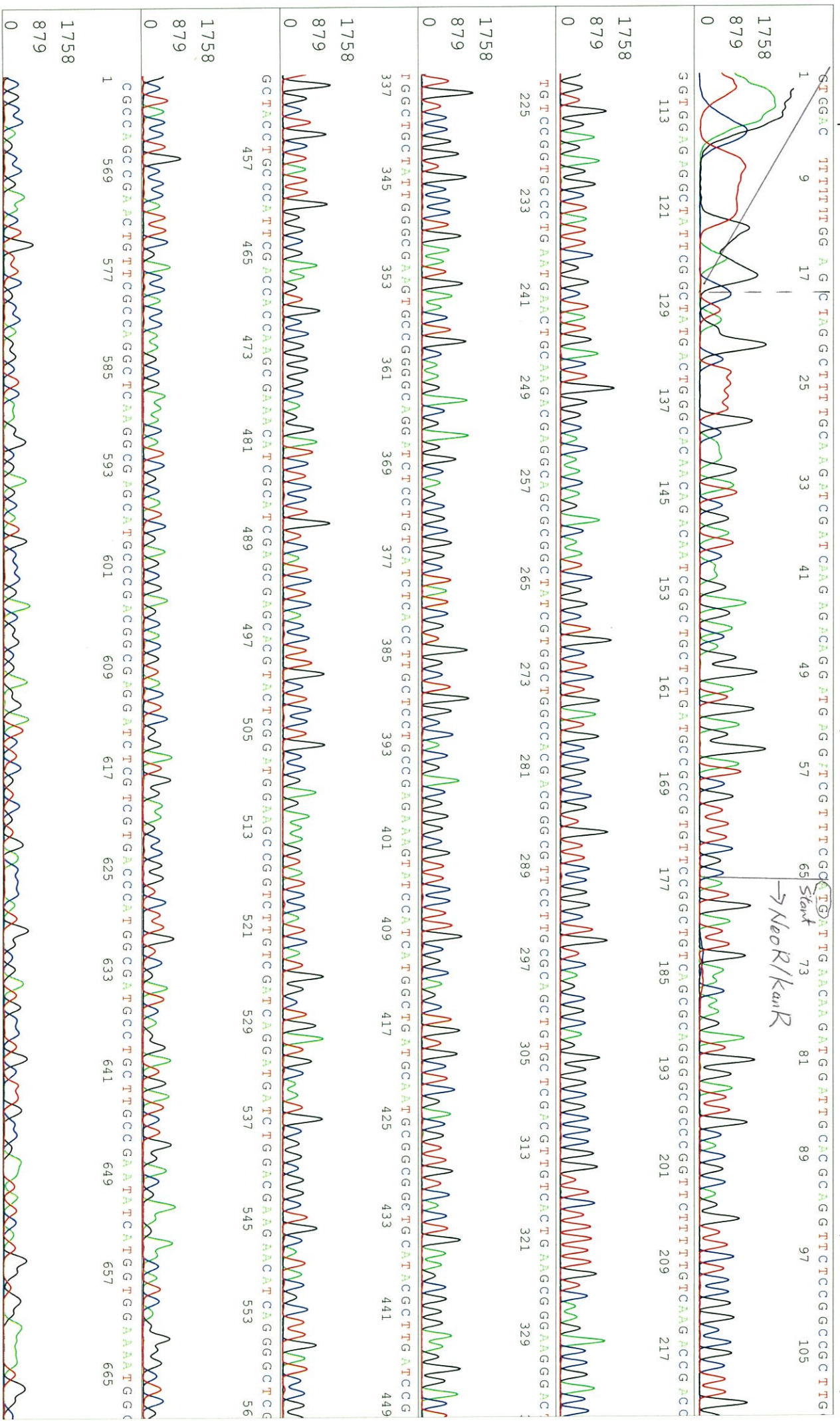
Pts 1586 to 12487 Pk1 Loc:1563

Version 6.0

HiSQV Bases: 842

May 11,2016 12:12PM, JST
May 11,2016 12:38PM, JST
Spacing:11.05 Pts/Panel1350
Plate Name: 20160511 kitaku

KB 1.4.1.8 Cap:8



S/N G:100 A:72 T:75 C:98

KB.bcp

KB 1.4.1.8 Cap:8

TCGCTTTTCTGGATTCATCCGACTGTGGCCGGCCGGCTGGGTTGGCCGGACCCGCTATCAGGACATAGCCGTTGGCTACCCCGTGAATTGCTGAAGAACTTTGGCGGGC
673 681 689 697 705 713 721 729 737 745 753 761 7

1758
879

AA TGGGCTGACC GCTTCC TCCG TGGCTTTACGGTATCCG CC GCTCCCGATTCCGAGCGGATCCG CCTCTATCCG CCTTC TTGACGAGTTCTTC TGA
69 777 785 793 801 809 817 825 833 841 849 857

1758
879

CGGACTCTGGGG TTCCGAA TGA CCGA CCAGCCGAA CCATG C ATCACGAG A TTTCCG ACCG CCGCC TTTCTA
865 873 881 889 897 905 913 921 929 937

1758
879

TGAAA GTTGGGC TTTCCGGAA TCG TTTT C GGA CCGG C GCTGG TATGATTCTTCAAGCGCG GAATC
945 953 961 969 977 985 993 1001

1758
879

TCATGGCTTGGA TTTCTTTGGCCCACTTA TGAAGCCTTTAACT
1009 1017 1025 1033 1041

1758
879

AC TCA G
1049

1758
879

Printed on: Wed May 11, 2016 02:28PM, JST