

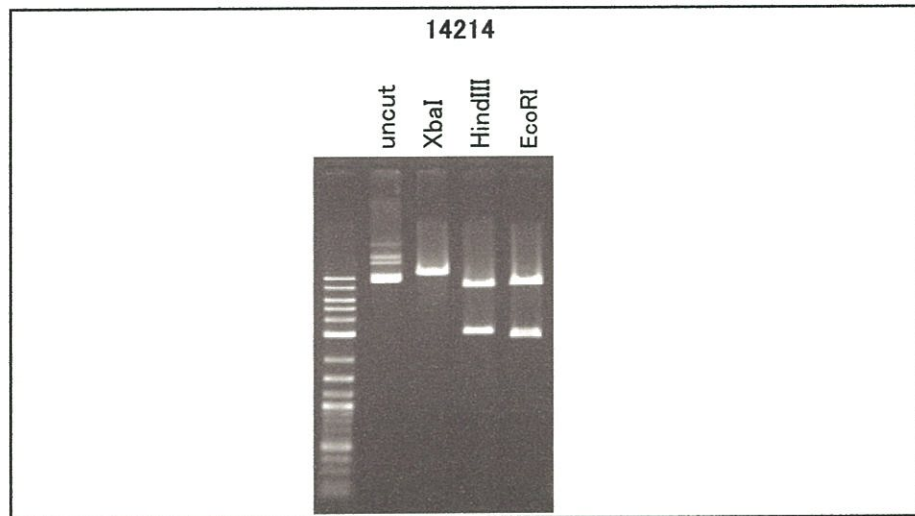
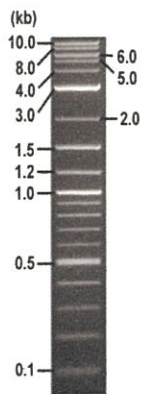


RIKEN DNA BANK

clone name : pcDNA3.1-myc-GFP-TNRC6A

- Clone ID : RDB _ 14214
- Lot : 14214 _ A6Fu
- 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),
250 ng/well



Electrophoresis : 200 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

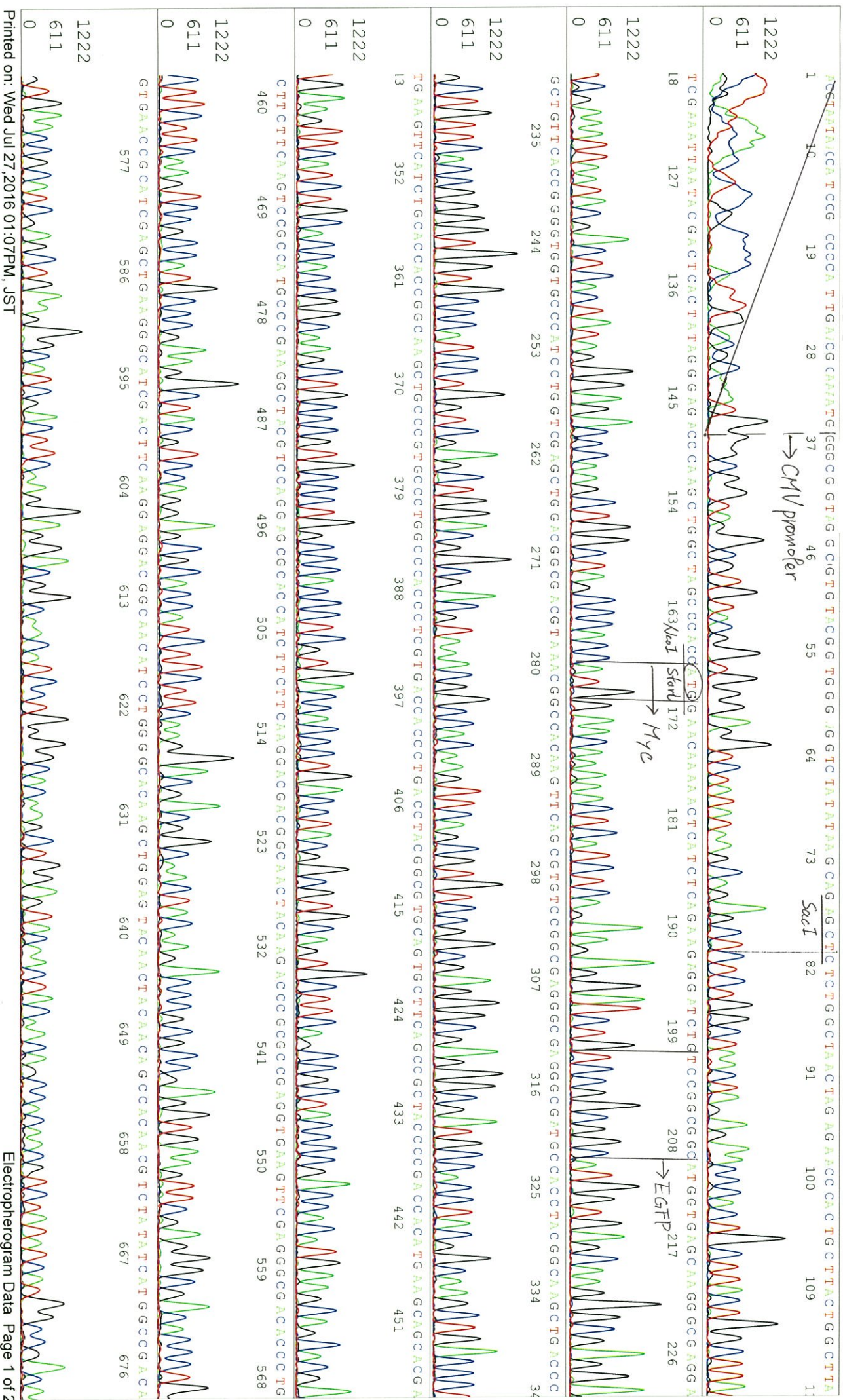
Restriction enzyme	Expected size of fragment
<u>XbaI</u>	<u>11.2</u> kbp
<u>HindIII</u>	<u>8.1, 3.1</u> kbp
<u>EcoRI</u>	<u>8.4, 2.9</u> kbp
_____	_____ kbp
_____	_____ kbp

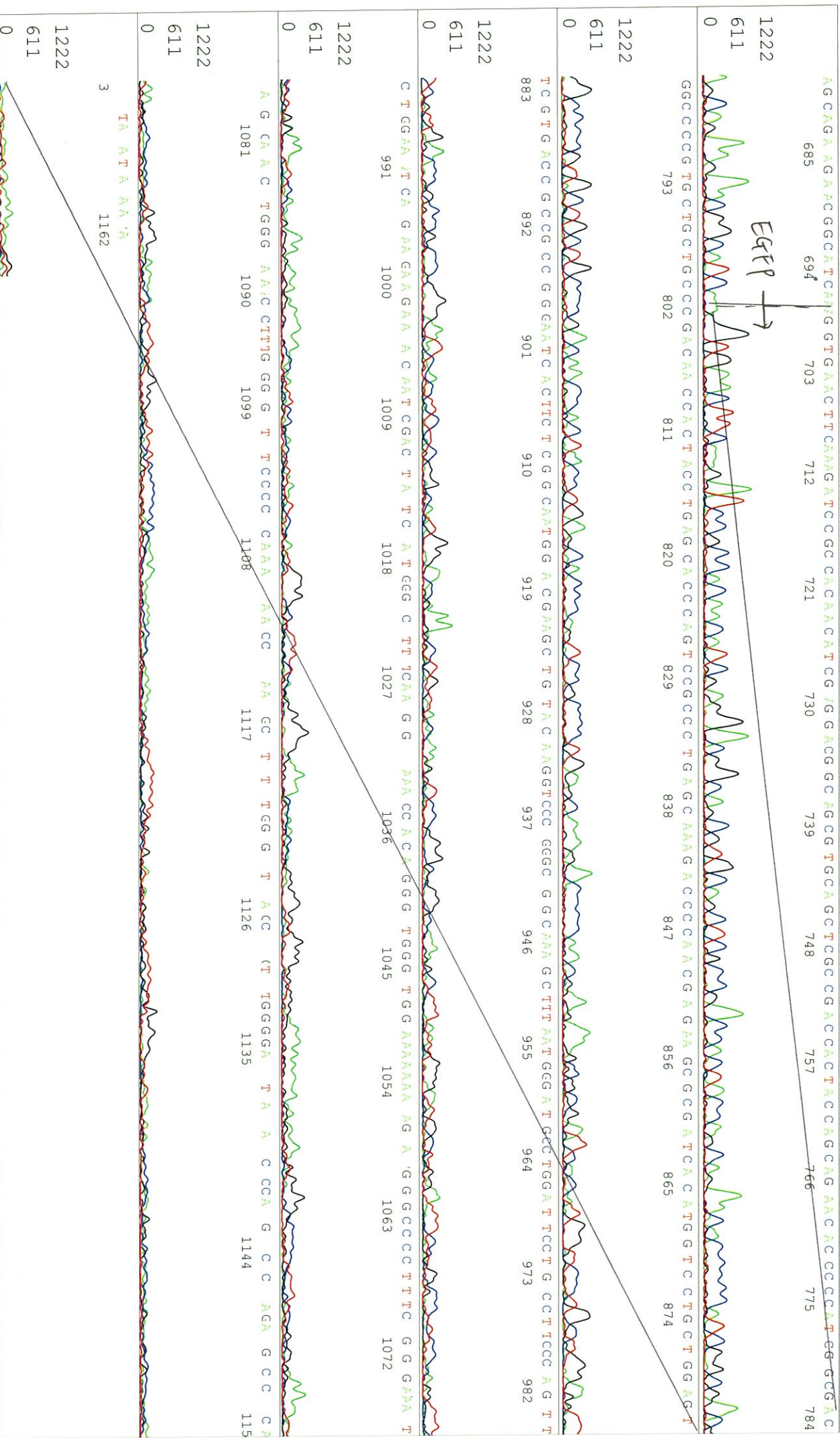
● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	EGFP-C
Sequence - B	TNRC6A_GW1	Sequence - F	BGH_rev2
Sequence - C	TNRC6A_GW2	Sequence - G	SV40pro_F
Sequence - D	TNRC6A_NES-NLS-GW3	Sequence - H	-



APPROVED BY :





S/N G:295 A:228 T:199 C:277

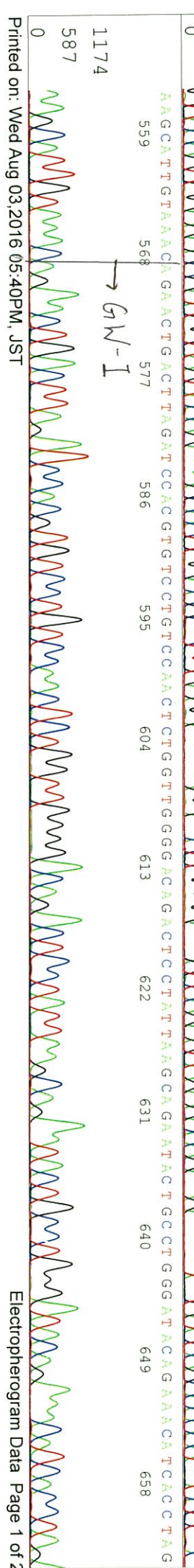
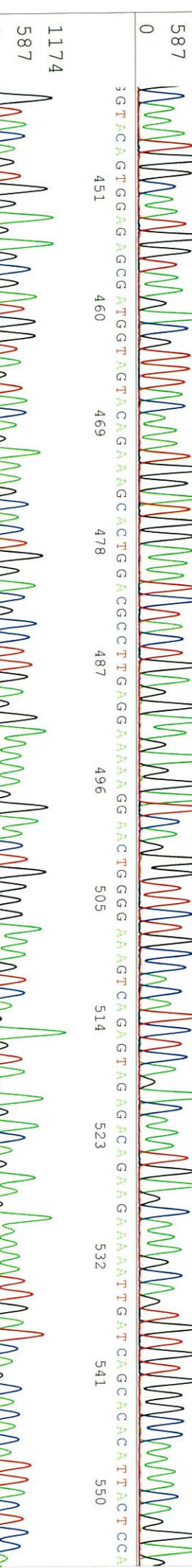
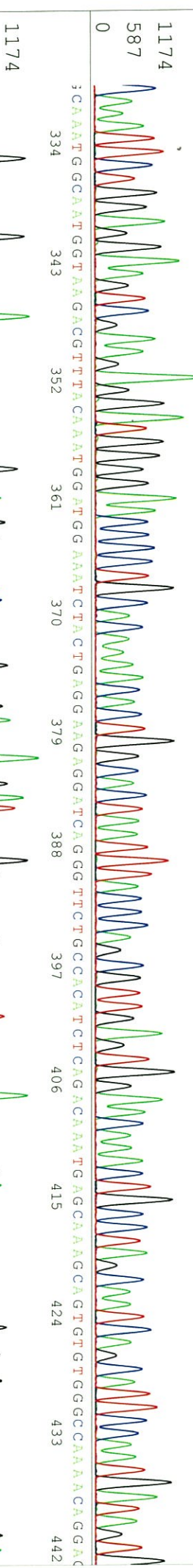
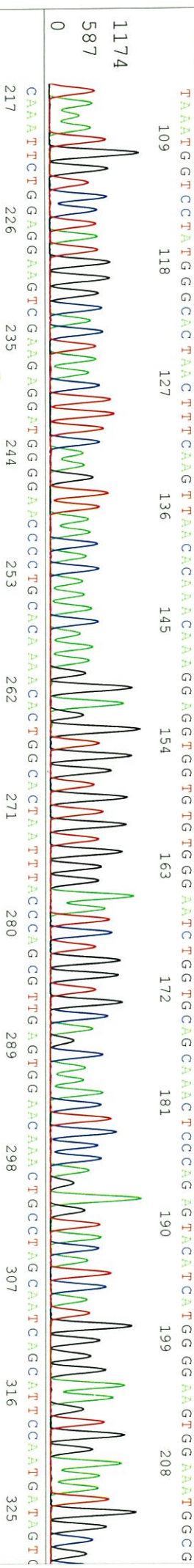
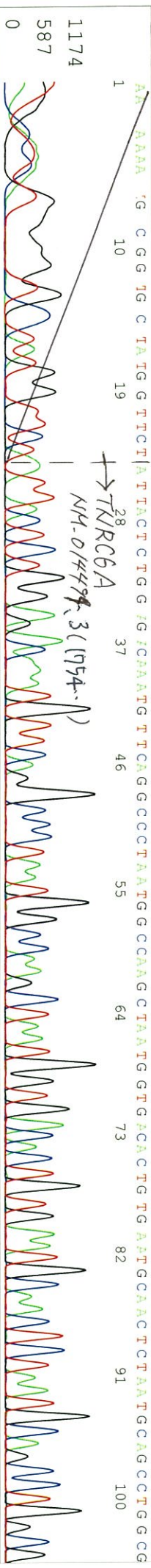
primer name B : TNRC6A_GW1

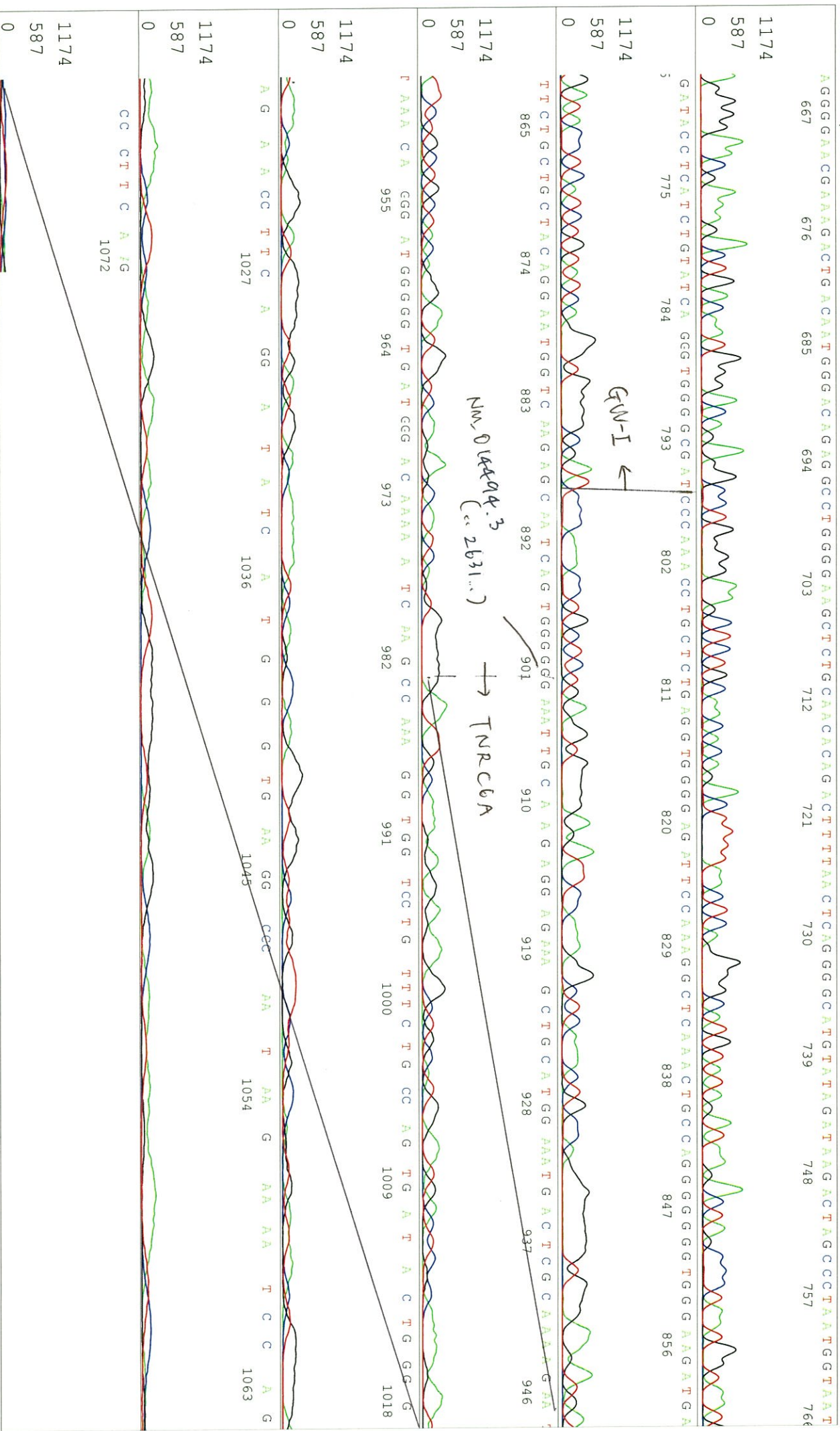
KB.bcp

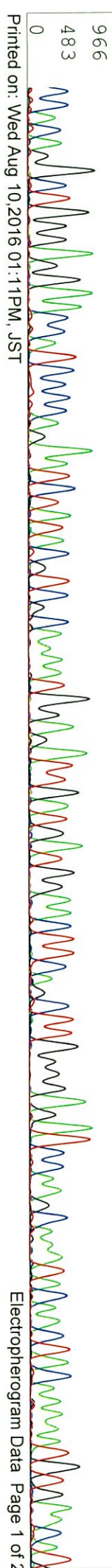
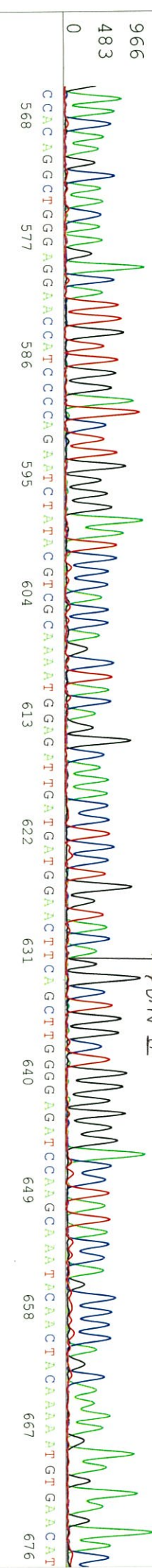
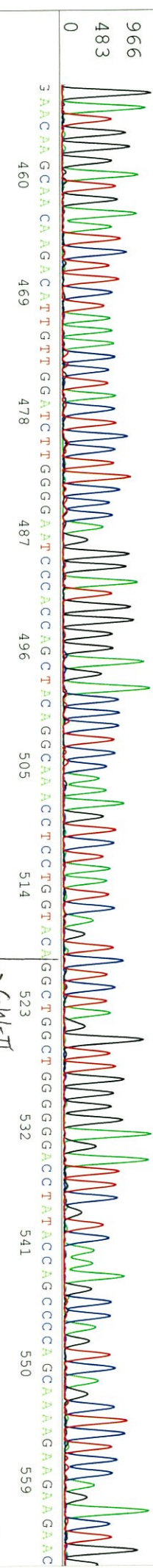
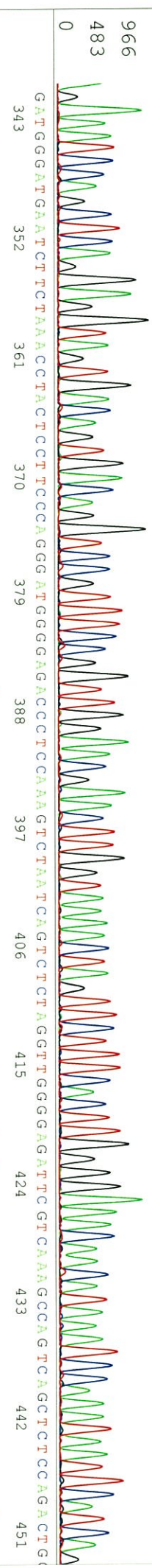
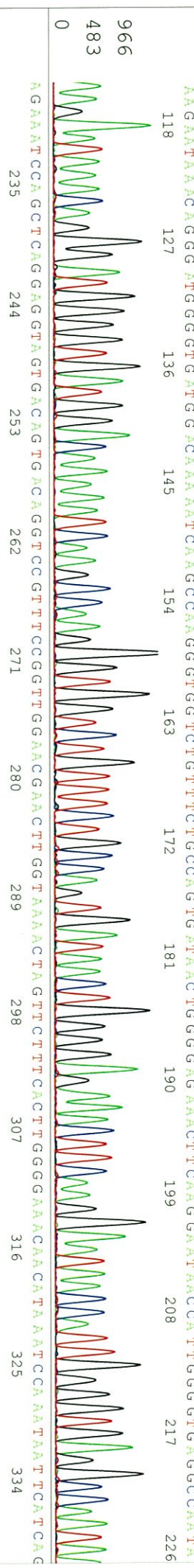
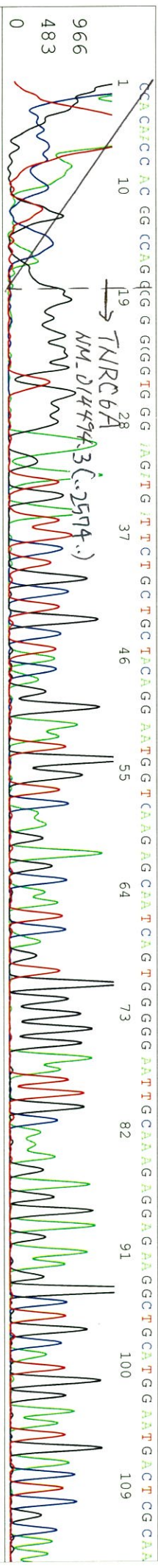
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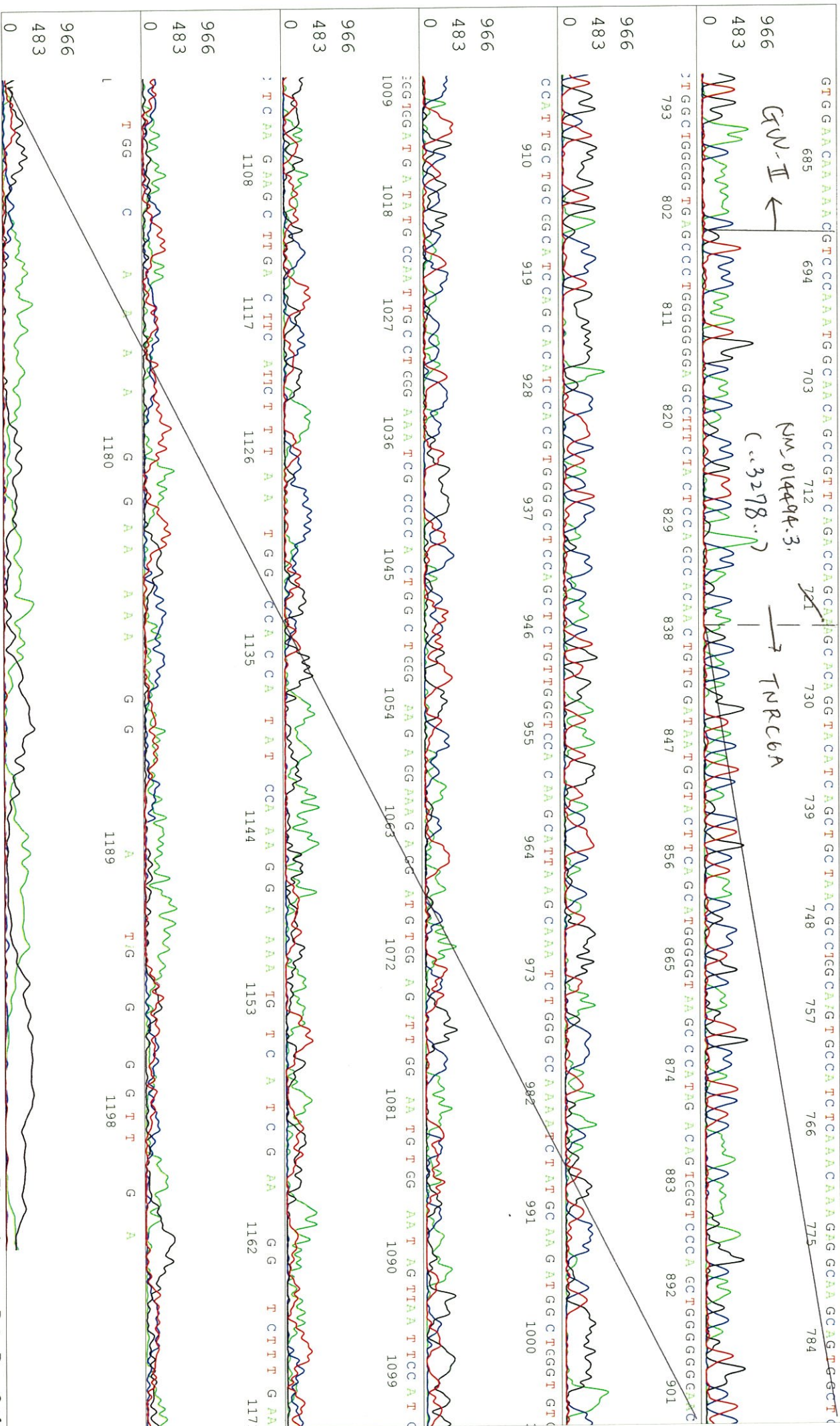
Cap:1

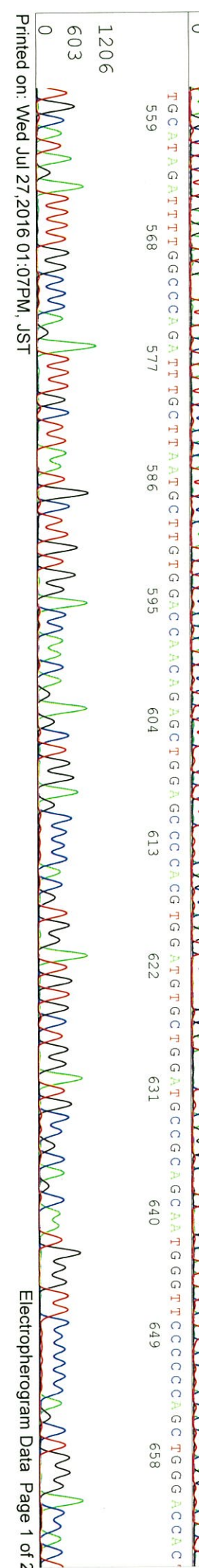
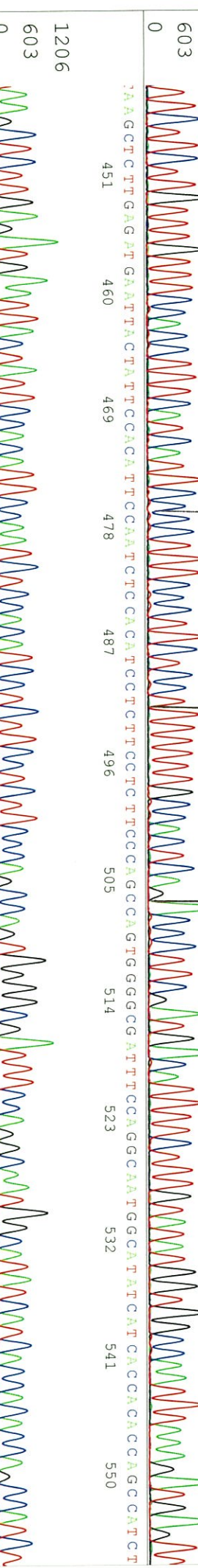
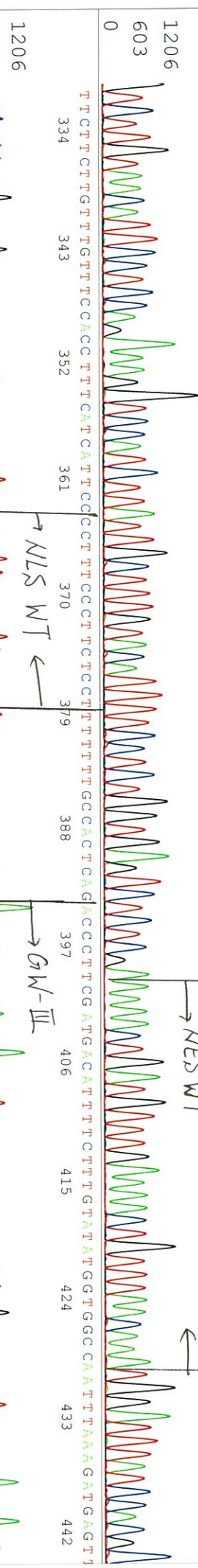
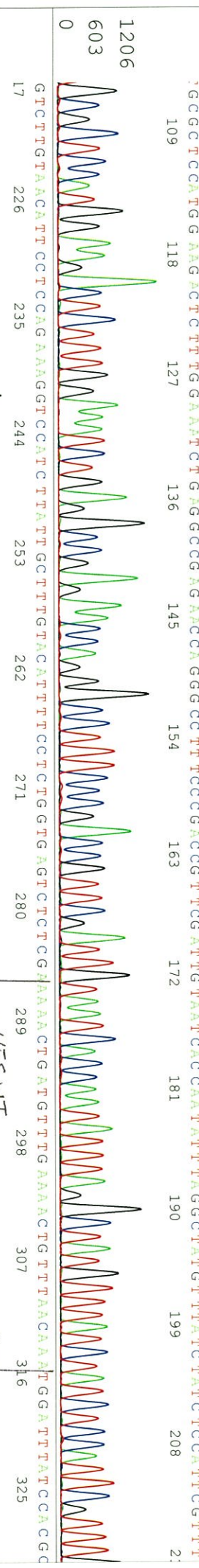
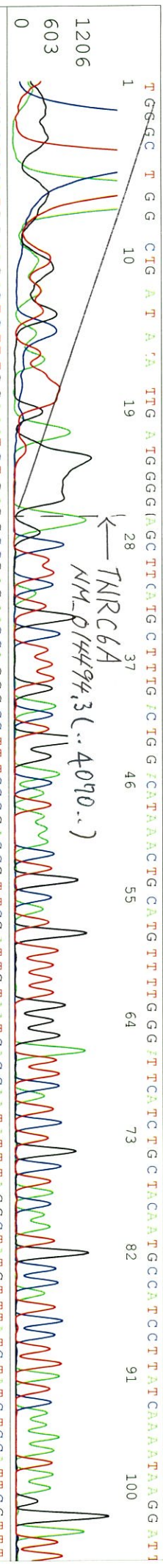
Version 6.0 HiSQV Bases: 926







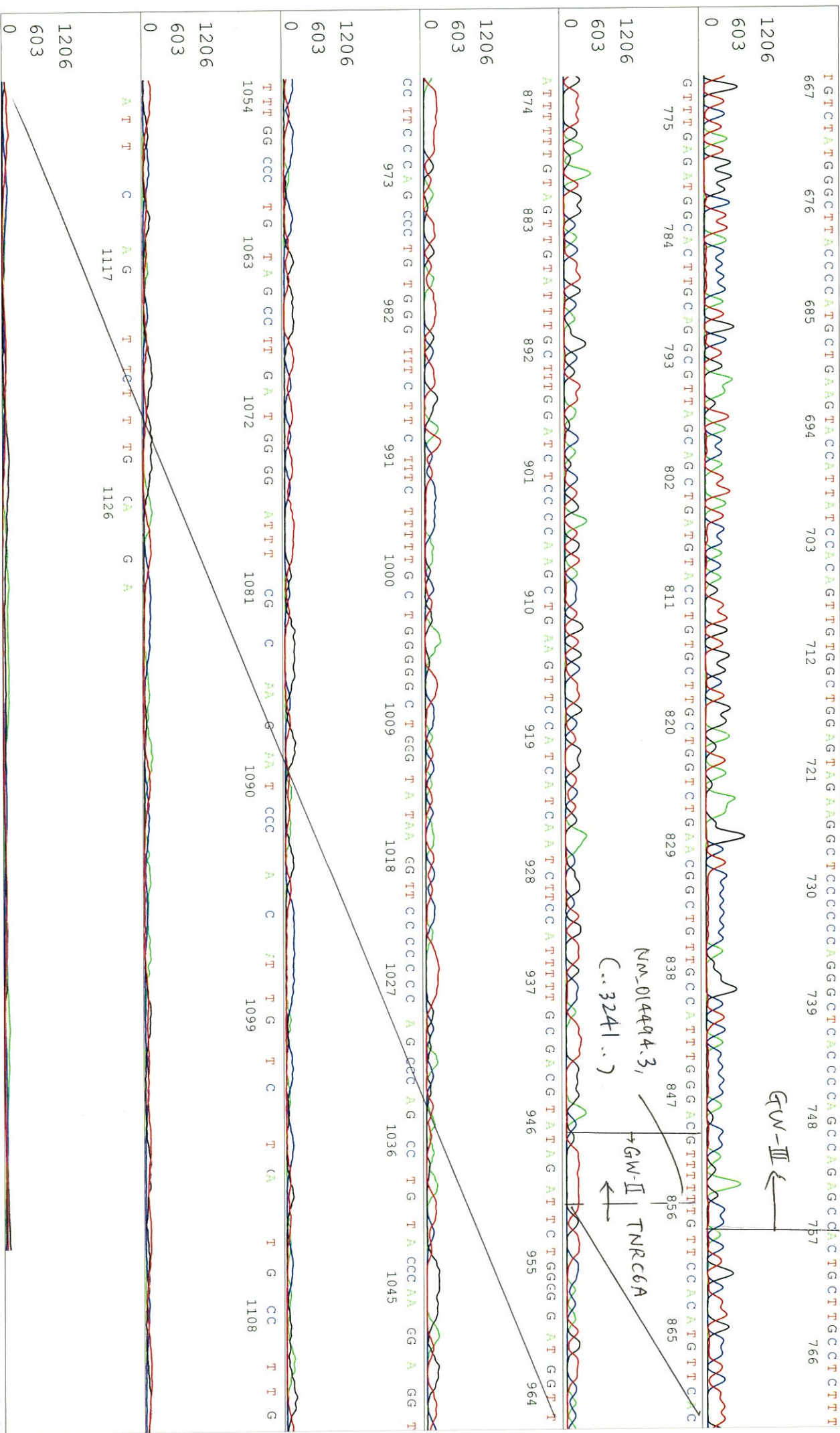




Version 6.0 HiSQV Bases: 962

GW-III ←

NM_014494.3,
(. . 3241 . .)
+GW-II TNRC6A
←



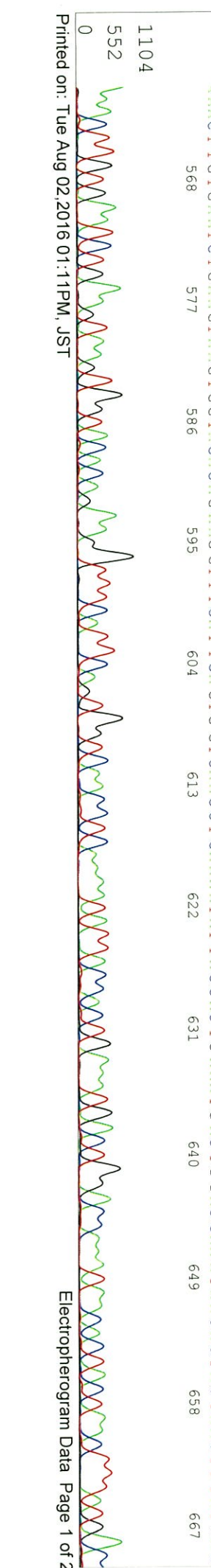
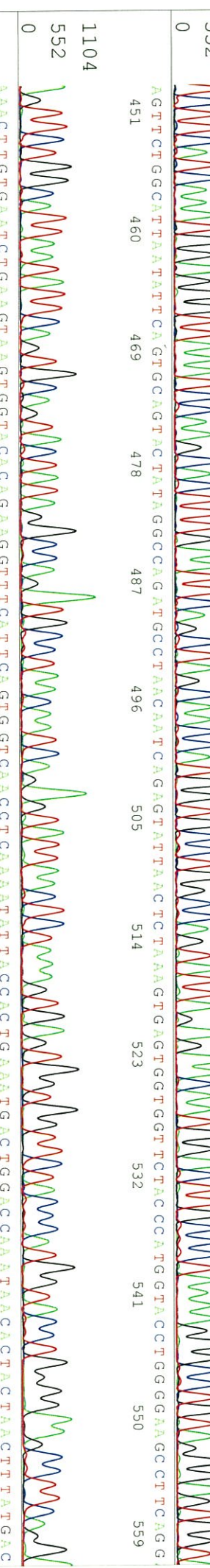
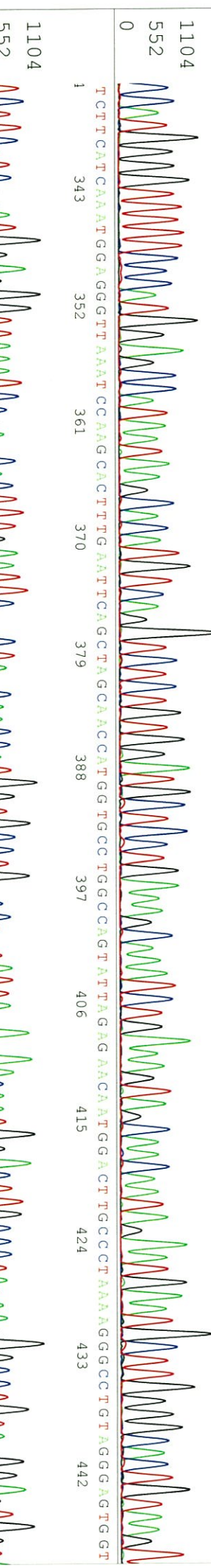
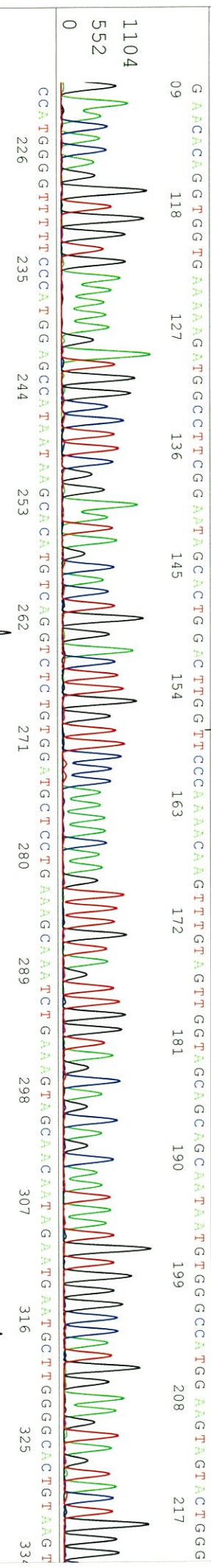
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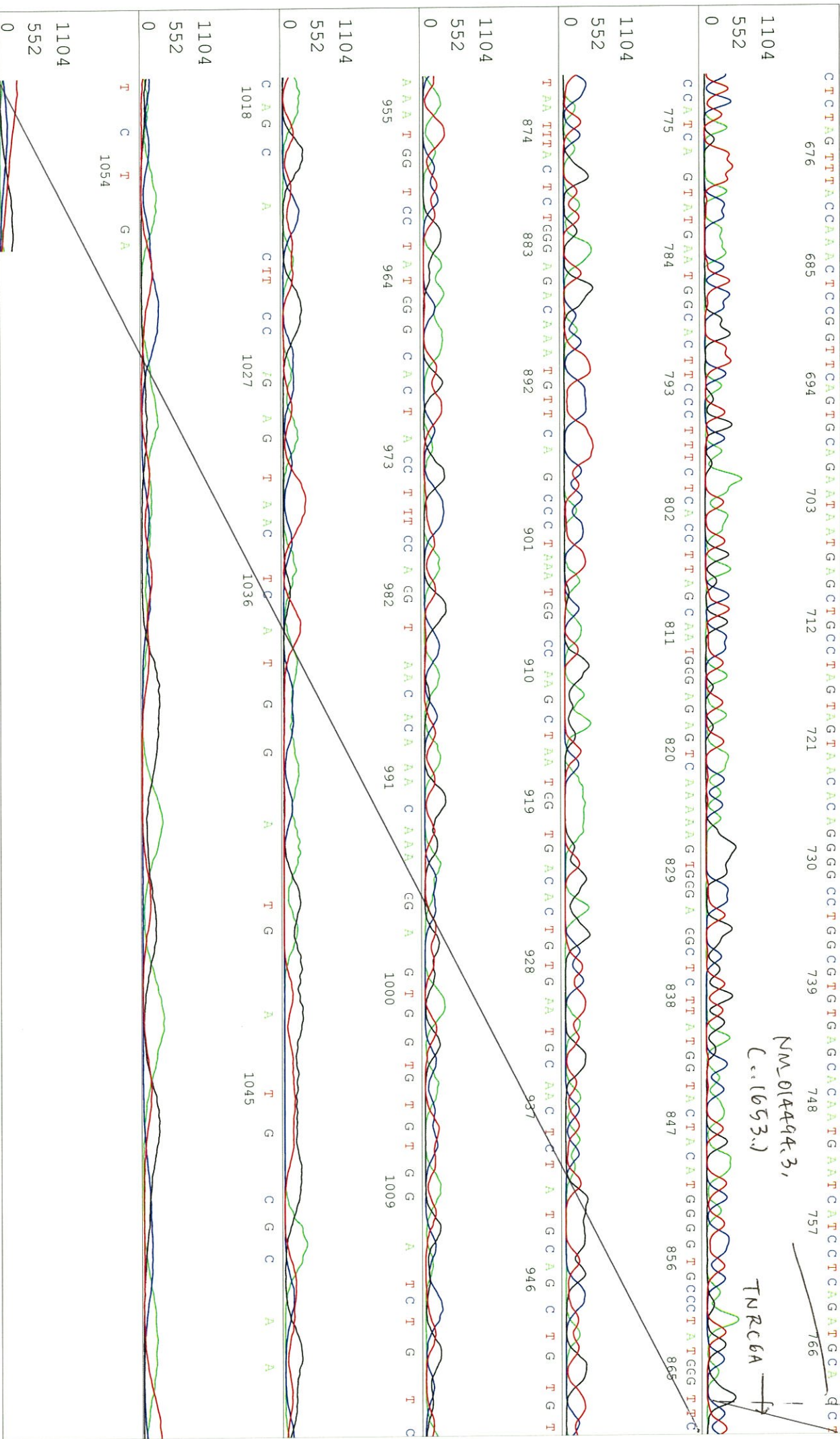
primer name E : EGFP-C

KB.bcp

KB 1.4.1.8 Cap:4

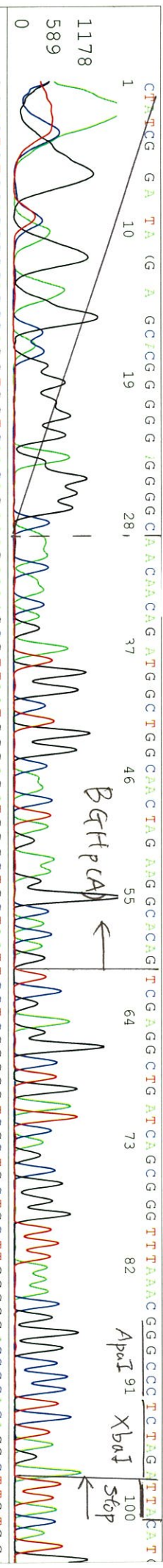
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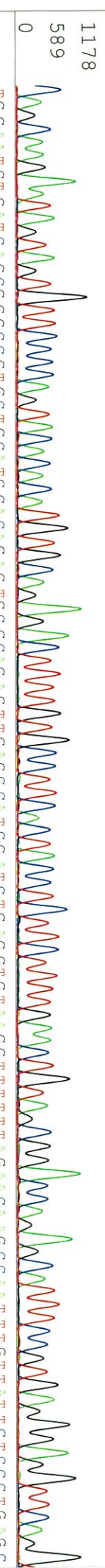
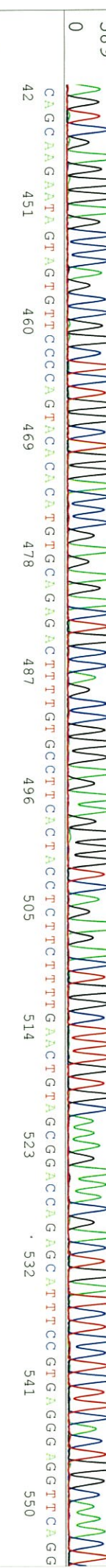
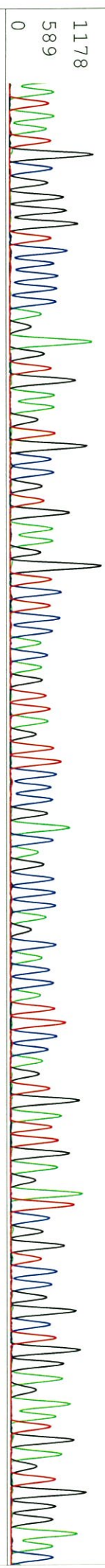
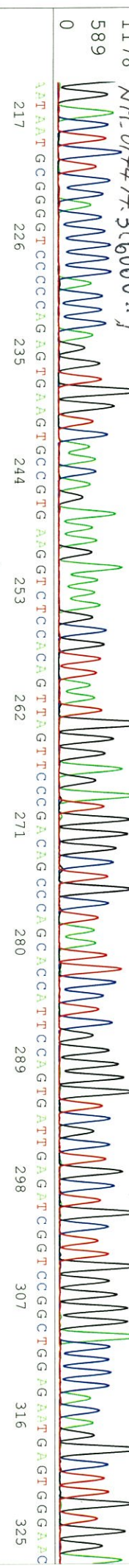
S/N G:163 A:159 T:149 C:182 primer name F : BGH_rev2

KB.bcp KB 1.4.1.8 Cap:7 5'-TATTAGGAAGAAGCAGCAGTGGG-3'



TNRC6A

NM_014494.3(6060..)



S/N G:163 A:159 T:149 C:182

D03279A2_A6Fu_1_BGH_rev2

KB_3500_POP7_BDTV3.mob

Pts 1562 to 12472 Pk1 Loc:1539

Version 6.0 HiSQV Bases: 932

Aug 03,2016 03:55PM, JST

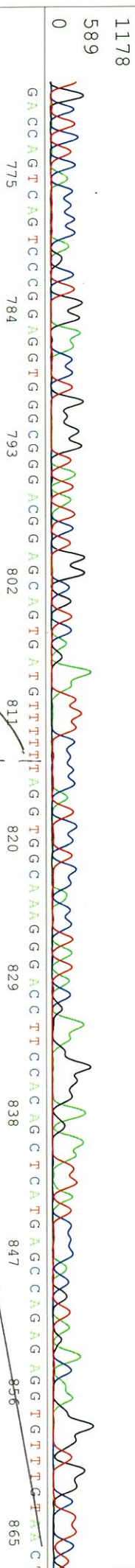
Spacing:10.91 Pts/Panel1350

Plate Name: 20160803 Kitaku

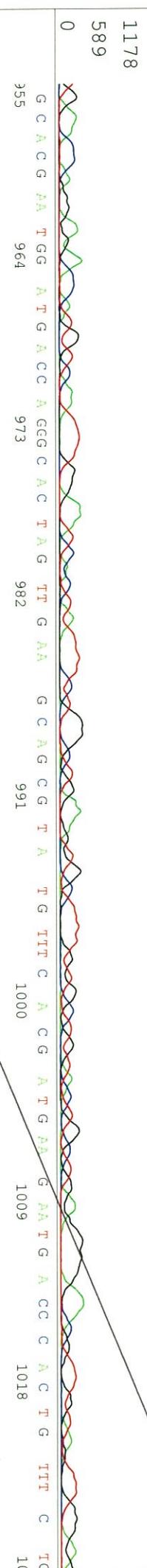
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KB 1.4.1.8 Cap:7

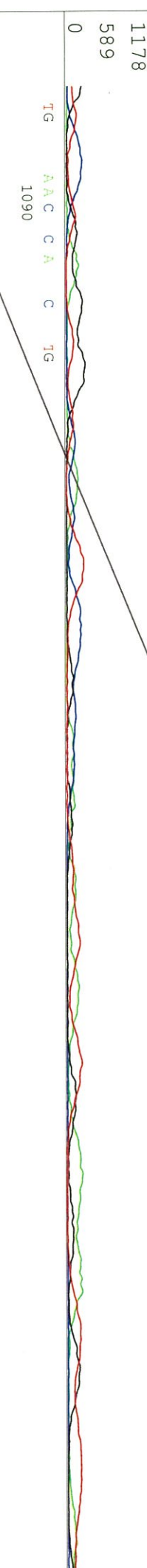
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FGAACCAAGGAGACCAATGTCAAATTTGGAATCACATACTTCTGGCTGAAAGTGCCTTTGTCCTGTACTGCTGAAGGGGAAAGGTTGTTGGCA



GTC CCA TG AA G TT GA TT C AAA CC TT G CC G C A C A G T A T T T C A C G A T G AA G AA T G A C C C A C T G TTT C TG

S/N G:171 A:122 T:145 C:206

primer name Φ : SV40pro_F

D03279A2_A6Fu_1_SV40pro_F

Aug 03,2016 03:28PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Pts 1533 to 12411 Pk1 Loc:1510

Aug 03,2016 03:55PM, JST

KB 1.4:1.8 Cap:10

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Version 6.0 HISQV Bases: 939

Spacing:10.96 Pts/Panel1350

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19 SV40 pro/bv

55

64

73

82

540

1080

9 ATGAGGATCGTTTCGCTGATTGAAACAAGATGGATTGCCAGCGAGGTTCTCCGGCGCCCTGGGTGGAGAGGCTATTCCGGCTGCTTC

118

127Start

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Electropherogram Data Page 1 of 2

