

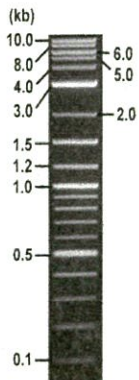


**RIKEN DNA BANK**

clone name : human TICAM-2 C HA expression vector

- Clone ID : RDB \_ 16928
- Lot : 16928 \_ A9B7
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>NotI</u>	: <u>6.0</u> kbp
<u>XhoI</u>	: <u>6.0</u> kbp
<u>NotI+XhoI</u>	: <u>5.3, 0.7</u> kbp
	: kbp
	: kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	EF1a_F2	Sequence - E	-
Sequence - B	hGCSF_R	Sequence - F	-
Sequence - C	SV40pro_F_V2	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

SN G:188 A:213 T:264 C:292 primer name A : EF1a\_F2

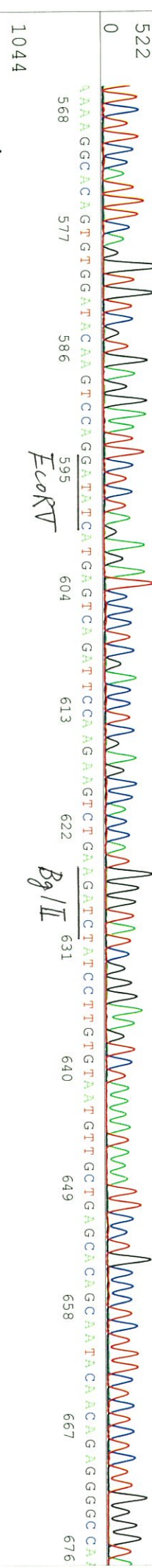
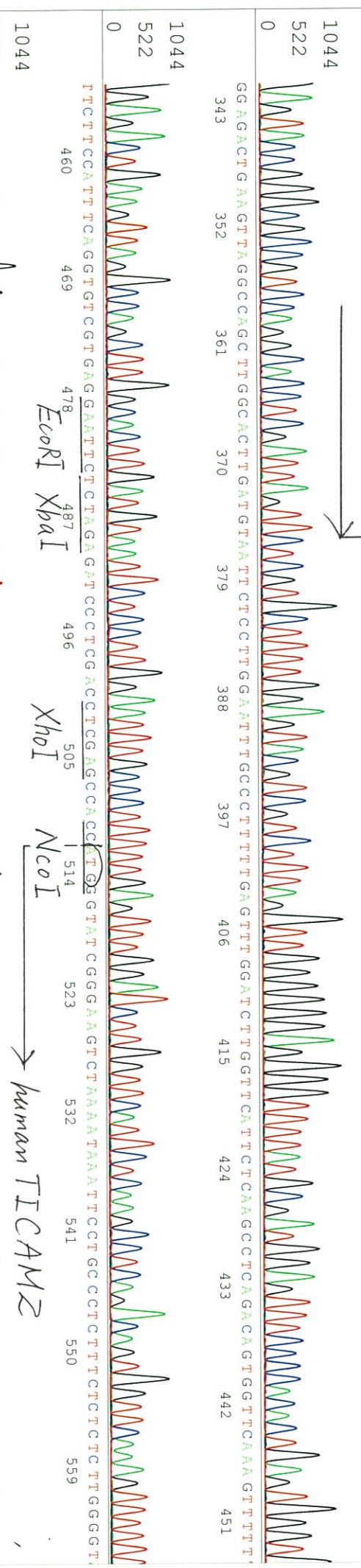
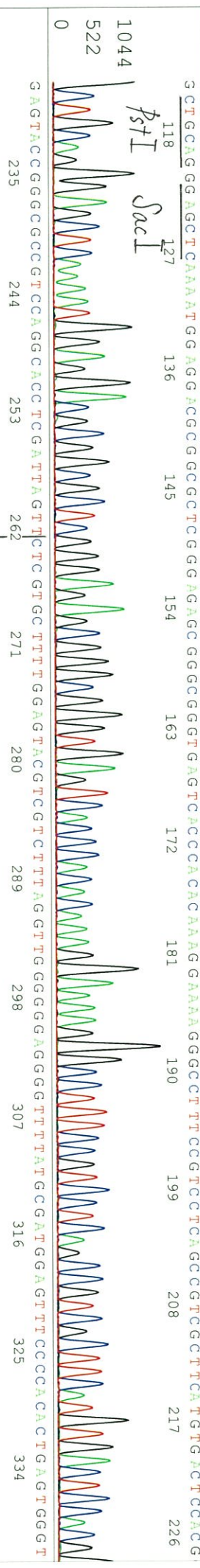
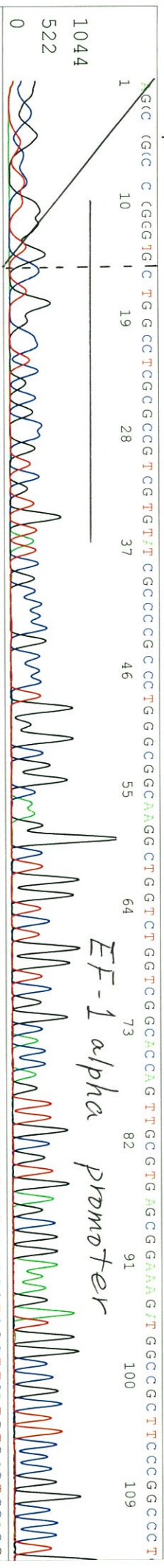
D06030A6\_A9A7\_2\_EF1a\_F2  
KB\_3500\_POP7\_BDTV3.mob  
Pis 1477 to 14027 PK1 Loc: 1454

Feb 22, 2019 04:32PM, JST  
Spacing: 12.62 Pts/Panel1350

KB.bcp KB 1.4.1.8 Cap.2 5'-AATCGGACGGGGTAGTCTC-3'

Version 6.0 HISQV Bases: 1024

Plate Name: 20190222\_kitaku



S/N G:188 A:213 T:264 C:292

D06030A6\_A9A7\_2\_EF1a\_F2

Feb 22, 2019 04:03PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

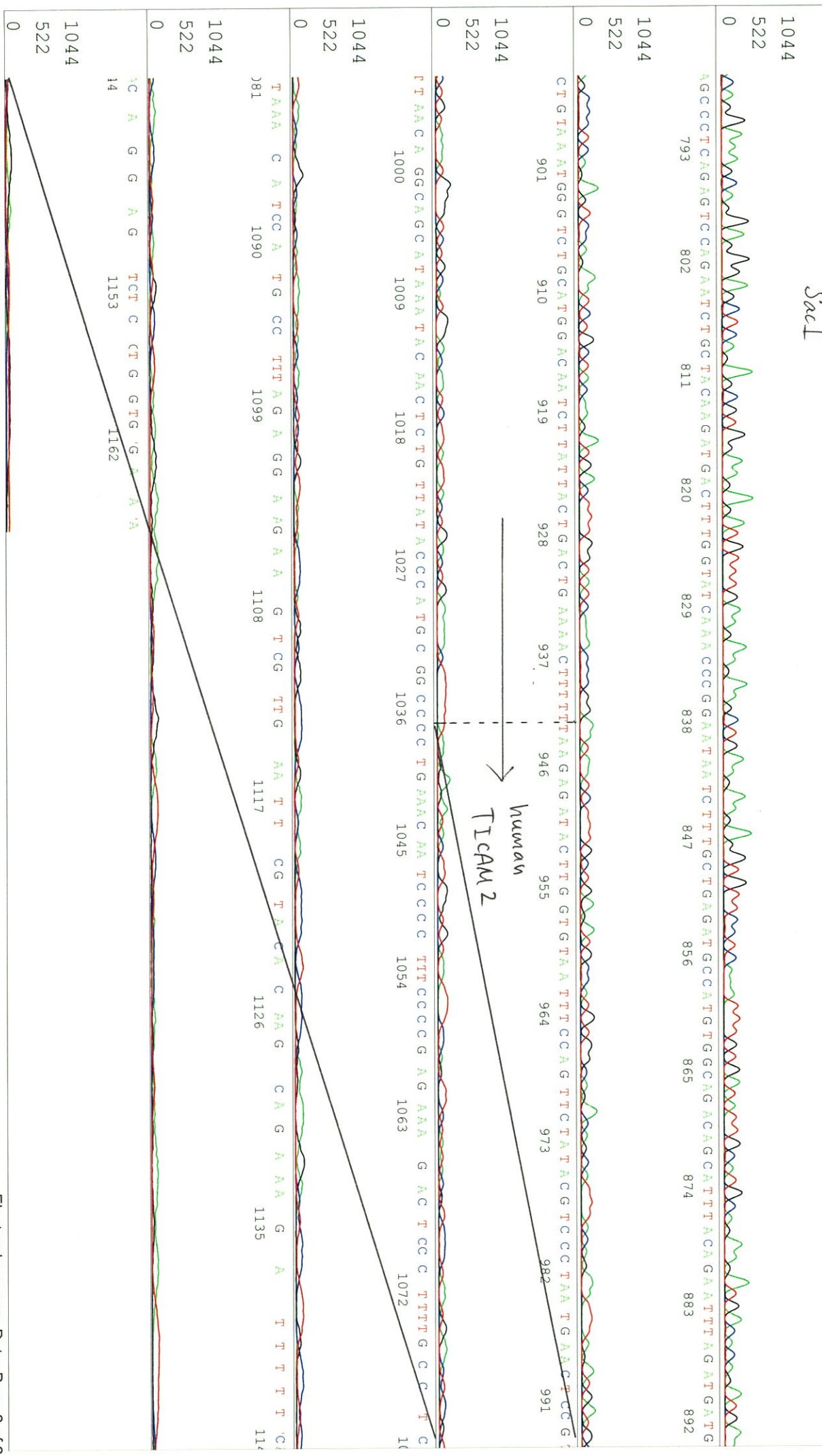
Feb 22, 2019 04:32PM, JST

KB 1.4.1.8 Cap:2

Pts 1477 to 14027 Pk1 Loc:1454

Spacing: 12.62 Pts/Panel1350

Version 6.0 HISQV Bases: 1024



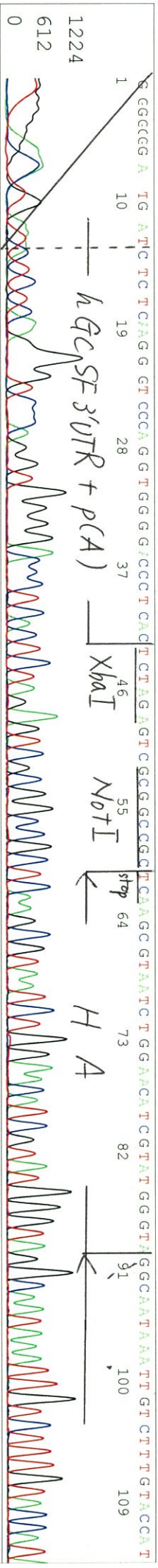
S/N G:61 A:92 T:81 C:94

KB.bcp

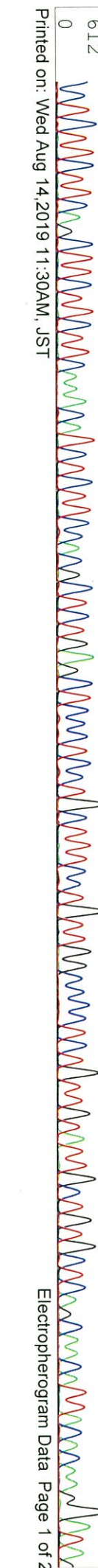
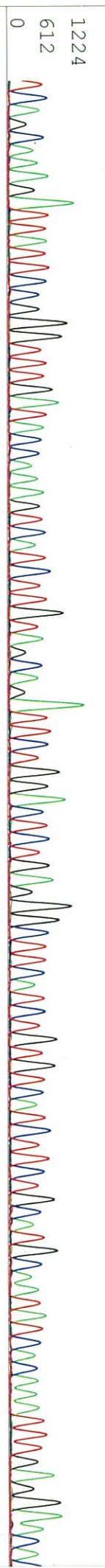
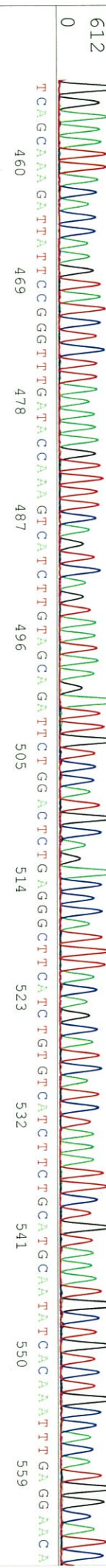
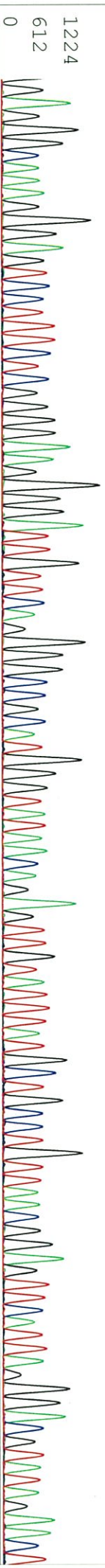
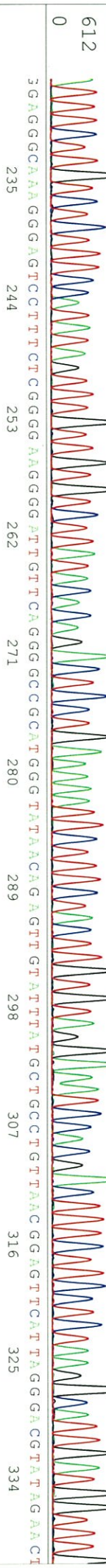
KB 1.4.1.8 Cap:5

primer name B : hGCSF\_R

5- TATTAACAGGAGATTCTTG -3'



human TICAM2



S/N G:61 A:92 T:81 C:94

D06030A6\_A9A7\_2\_hGCSF\_R

KB\_3500\_POP7\_BDTV3.mob

Pts 1445 to 14149 PK1 Loc:1422

Version 6.0 HISQV Bases: 1013

May 08,2019 01:53PM, JST

May 08,2019 02:34PM, JST

Spacing:12.82 Pts/Panel1350

Plate Name: 20190508\_kitaku

KB 1.4.1.8 Cap:5

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685 694 703 721 730 739 748 757 766 775 784  
Bg/II EcoRI

luuman  
TICAM2 ←

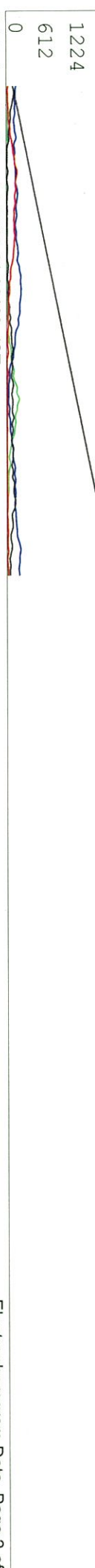
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793 802 811 820 829 838 847 856 865 874 883 892  
NcoI XhoI XbaI EcoRI

3ATCCAAACTCAAAGGCGCAAAATTCGAAAGAGAAATTAACATCAA GTGCCCAA GCTGGCC TAACTTCA GTC TCCACCAC TCA GTG TGGG GAAACTCCATCGCA  
901 910 919 928 937 946 955 964 973 982 991

TAAAAACCCCTCCCCCAACCCTAAA GACGACGTAC TCCAAAA GCA CGAGAACTAAA TCG AEGTGCCTGG AC GCGCC GGG TAC TCCG TGG A  
1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

GTCACATGAGCGACGC TGAAGACGG AAA GG CCG TT TT C TTG TGG TGAC TCA CCGAA CCG  
1090 1099 1108 1117 1126 1135 1144

GCTCTCTCCCGG AAGGCGG TC  
1153 1162



S/N:G:98 A:76 T:97 C:124

KB.bcp

KB 1.4.1.8 Cap:11

primer name C : SV40pro\_F\_V2

5'-TCGGCCCTCTGAGCTATTTC-3'

