

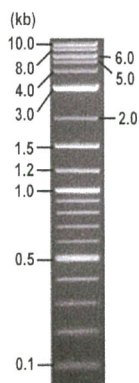


**RIKEN DNA BANK**

clone name : pGFP-Phc2 L307R

- Clone ID : RDB\_12788
- Lot : 12788\_A4Ek
- 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

1 kb Plus 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
<b>XhoI</b>	<b>6.0</b> kbp
<b>EcoRI</b>	<b>4.7, 1.3</b> kbp
<b>PstI</b>	<b>5.2, 0.8</b> kbp

● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0025	EGFP-C	EGFP, insert
Sequence - B	Pr0046	ME-1290RV	insert
Sequence - C	Pr0016	CMV_Forward	CMV pro, EGFP, insert 5'
Sequence - D	Pr0731	SV40pro_ori_F	SV40 pro_ori, NeoR_KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

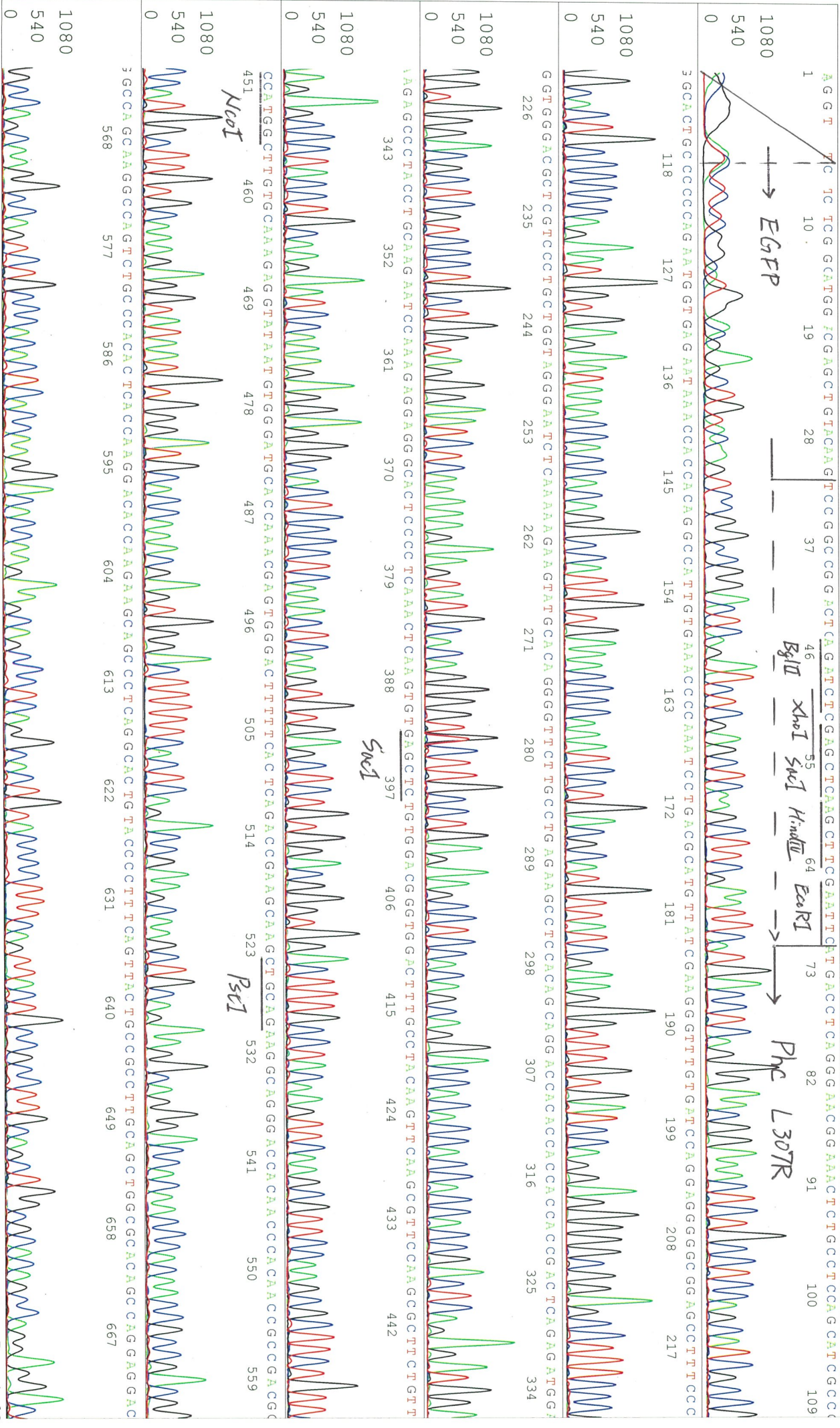
APPROVED BY :



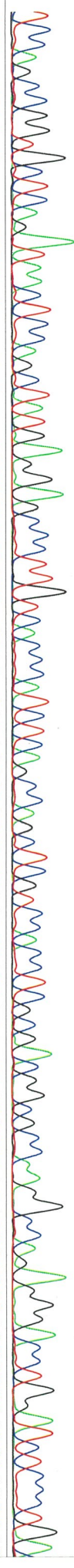
S/N G:301 A:403 T:209 C:344 primer name A : EGFP-C  
KB.bcp  
KB 1.4.1.8 Cap:13 5'-CATGGTCTGCTGGAGTTCTGTG-3'

KB\_3500\_POP7\_BDTV3.mob  
Pis 1331 to 13266 Pk1 Loc:1308  
Version 6.0 HISQV Bases: 940

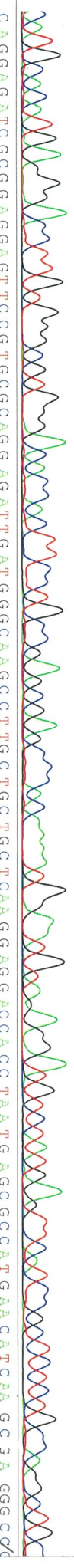
May 21, 2014 10:29AM, JST  
Spacing:11.79 Pts/Panel1350  
Plate Name: 20140521



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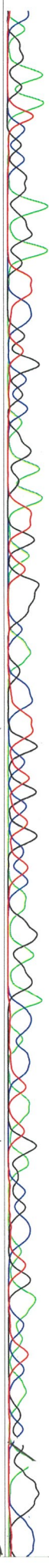


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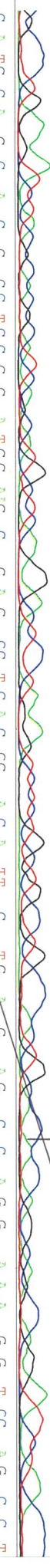
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901 910 919 928 937 946 955 964 973 982 991

L307R Apo I



GCCC TGAATCTACGCCGCA TCA GCAATGC TC-AA GGACTCC TAGAGTCTCTGCTGCCCTGCA CAAAGGCAGCCAG AATTC TAA GCC  
1000 1009 1018 1027 1036 1045 1054 1063 1072 1081 1090

By II



CATGCA GCGCCCTCCGGATGGAGCC TCAAGCCAGCA TTCTGAGAGCC CAGGAAA GG TCCAGCC T  
1099 1108 1117 1126 1135 1144 1153



TGGG GCGGGA AAGGGC  
1162 1171

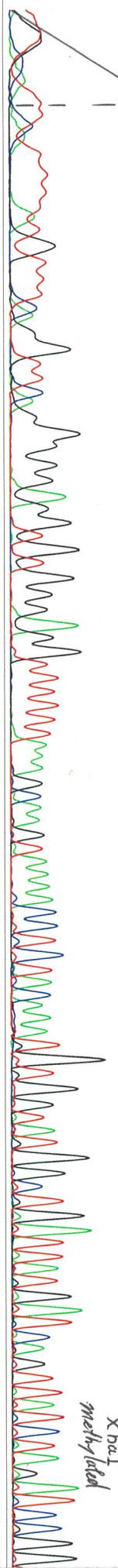


SN G:73 A:72 T:56 C:72 primer name  $\beta$  : ME-1290RV

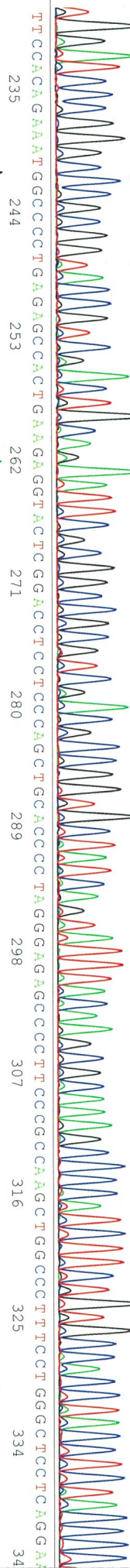
KB bcp

KB 1.4.1.8 Cap:16 5'-ATAAGCTGCAATAAACCAAGTTAACCAAC-3'

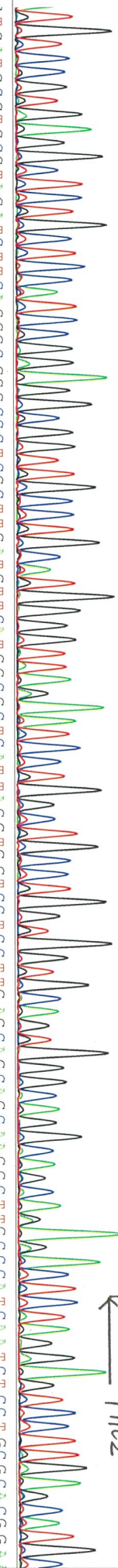
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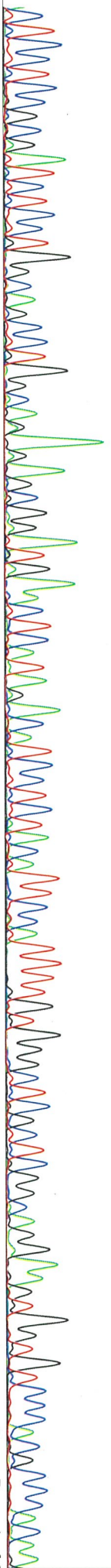
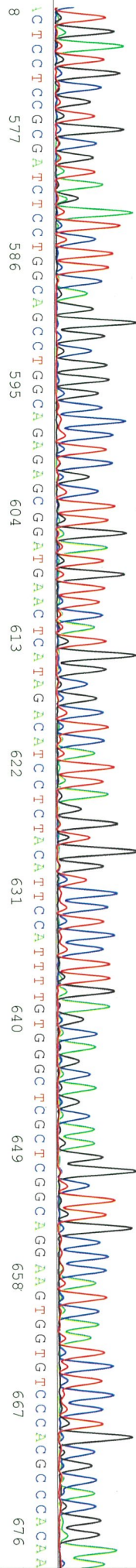
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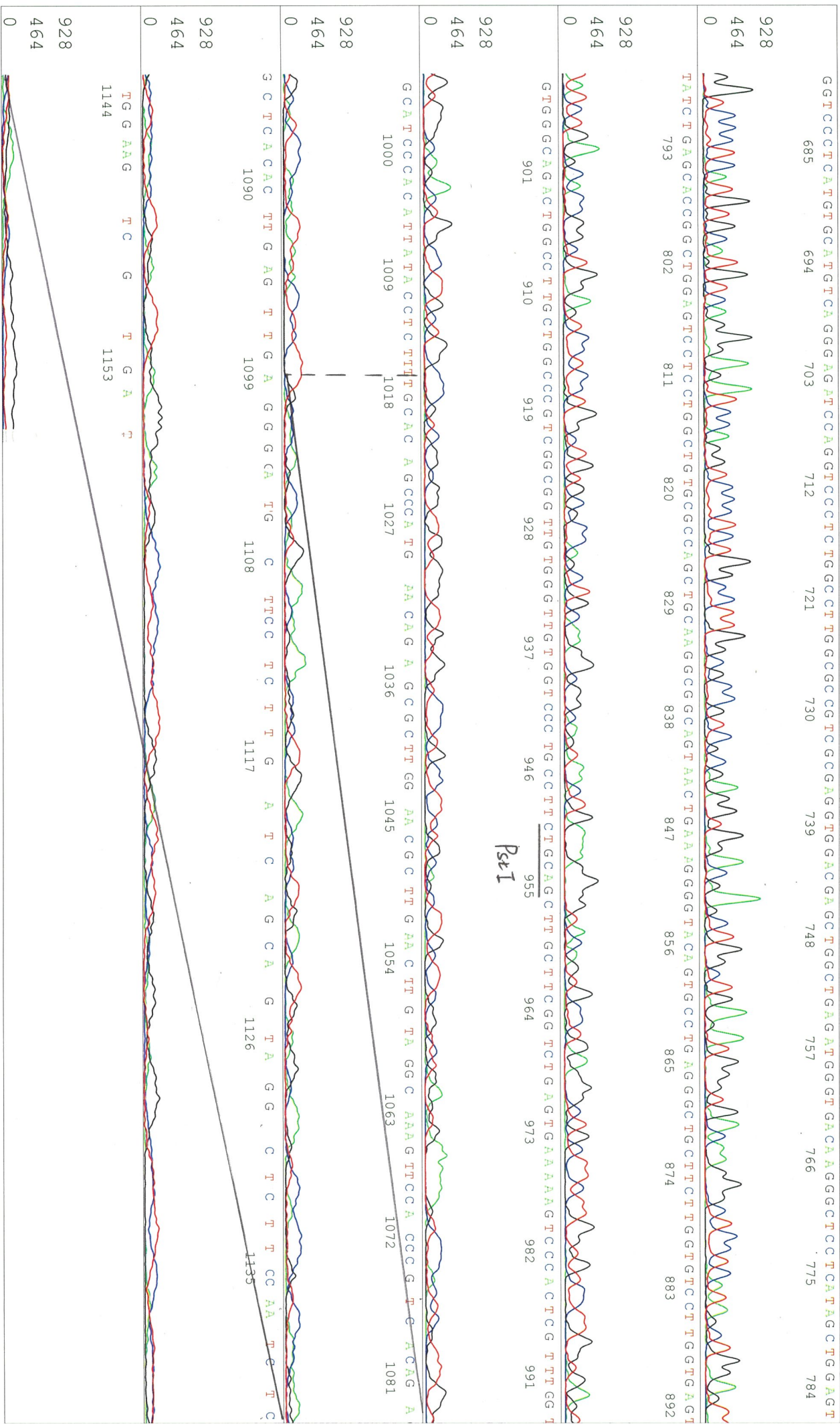


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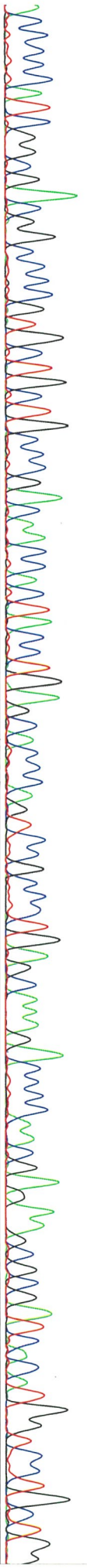
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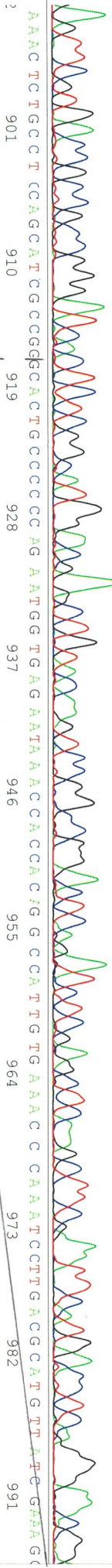




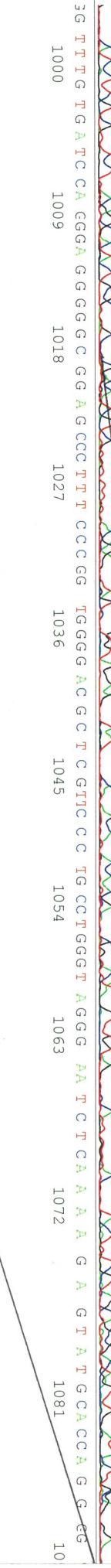
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AGTTCGTGACCGCCCGCGGATCACCTTCGGCATGGACGAGCTGTACCAAGTCCCGGCCGACTCAGATCTCGAGCTCAAGCTTCGAAATTCATGA CCTCA GGGAA C GG  
793 802 811 820 829 838 847 856 864 873 883 892  
BglII XhoI SacI HindIII EcoRI  
Phc 2 L307R



AAAC T C T G C C T C C A G C A T C G C C C G G C A C T G C C C C C C C A G A A T G G T G A G A A T A A A C C C A C F G G C C A T T G T G A A A C C C A A A T C C T T G A C G C A T G T T A T C G A A G C  
901 910 919 928 937 946 955 964 973 982 991  
BglII XhoI SacI HindIII EcoRI  
Phc 2 L307R



3G T T T G T G A T C C A G G G A G G G G C G G A G C C C T T C C C C G T G G G A C G C T C G T T C C T G C C T G C C T G G G G T A G G G A A T C T C A A A G A G T A T G C A C C A G G C G  
1000 1009 1018 1027 1036 1045 1054 1063 1072 1081  
BglII XhoI SacI HindIII EcoRI  
Phc 2 L307R



T T C C T T G C C T G A A G A A G T C T T C C A C A G G C A T G A A C C C T C T A C A T C A A C G A A T G G A A A G C C C C T T A  
90 1099 1108 1117 1126 1135 1144 1153 1162  
BglII XhoI SacI HindIII EcoRI  
Phc 2 L307R

S/N G:523 A:518 T:433 C:790 primer name **D** : SV40pro\_ori\_F  
 KB bcp **KB\_3500\_POP7\_BDTv3.mob**  
 s 1448 to 11952 Pk1 Loc:1425  
 KB 1.4.1.8 Cap:6 5'-TTCTCCGCCCCATGGCTGACTAAT-3' rsion 6.0 HisQV Bases: 803

Plate Name: 20200623\_dhbank

