

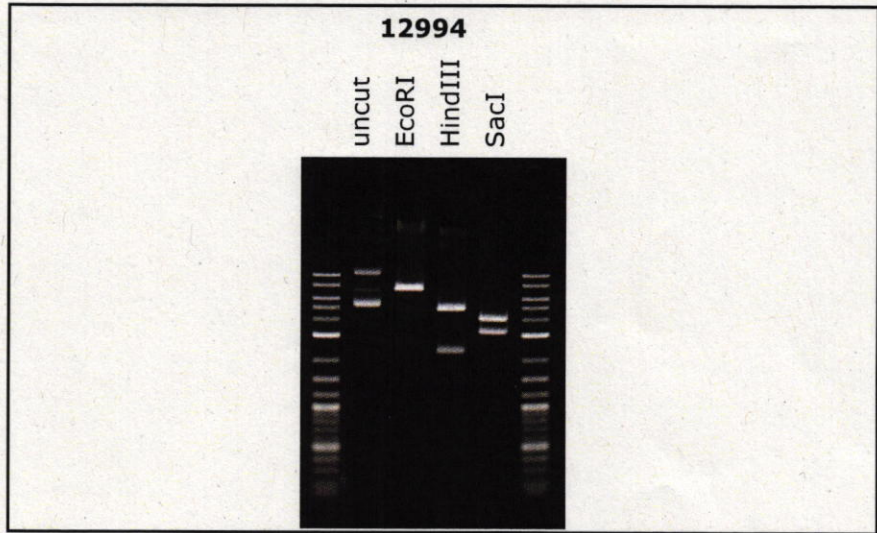
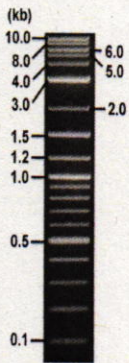


RIKEN DNA BANK

clone name : pHTB Cas9

- Clone ID : RDB _ 12994
- Lot : 12994 _ A4Jn
- 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

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
EcoRI	7.3 kbp
HindIII	4.9, 2.3 kbp
SacI	4.1, 3.2 kbp
	kbp

● Confirmation of the insertion sequence

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

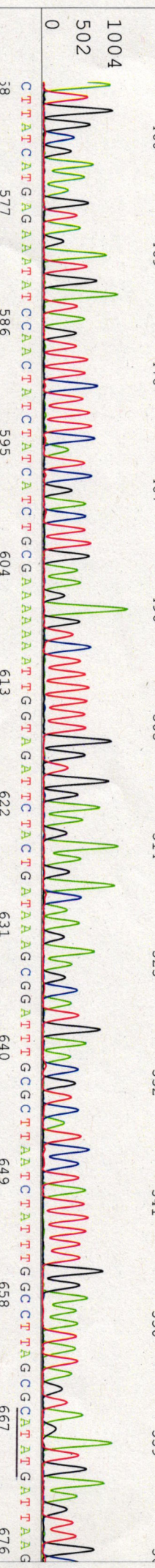
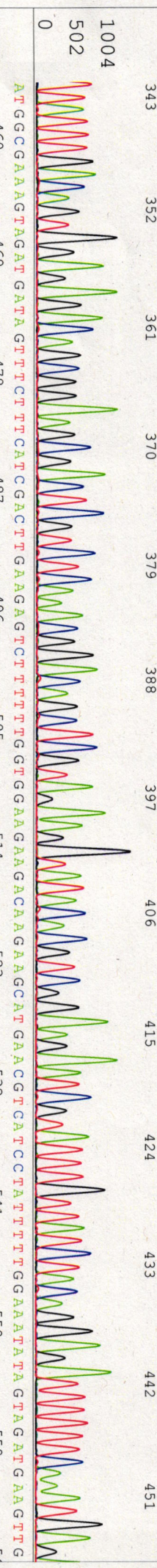
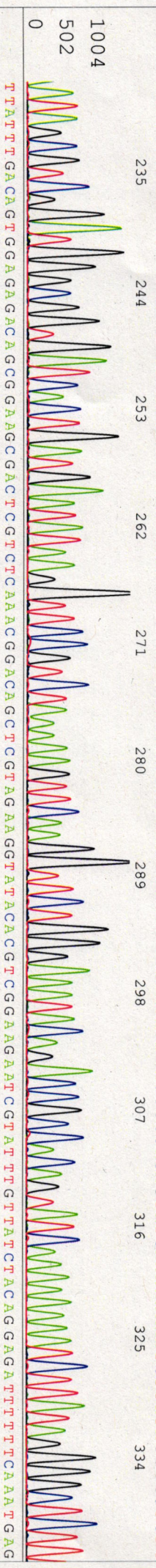
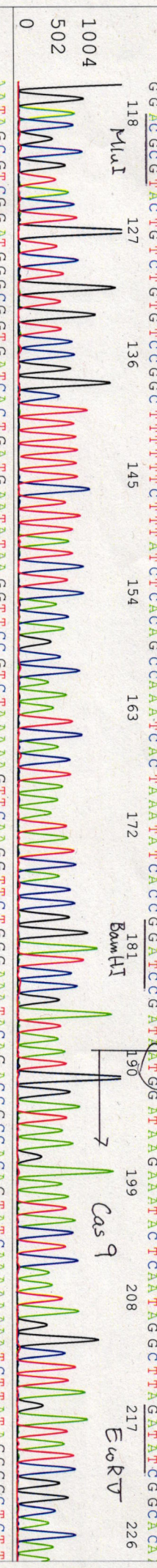
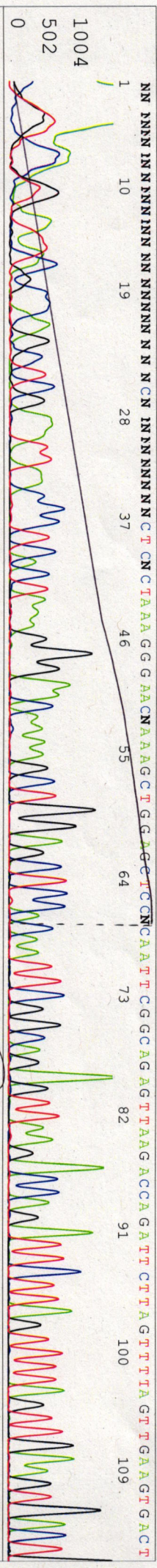
Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0100	reverse-2	insert 5'
Sequence - B	Pr1256	cas9-B_F	insert 3', SV40 NLS, T7 pro
Sequence - C	-	-	-
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

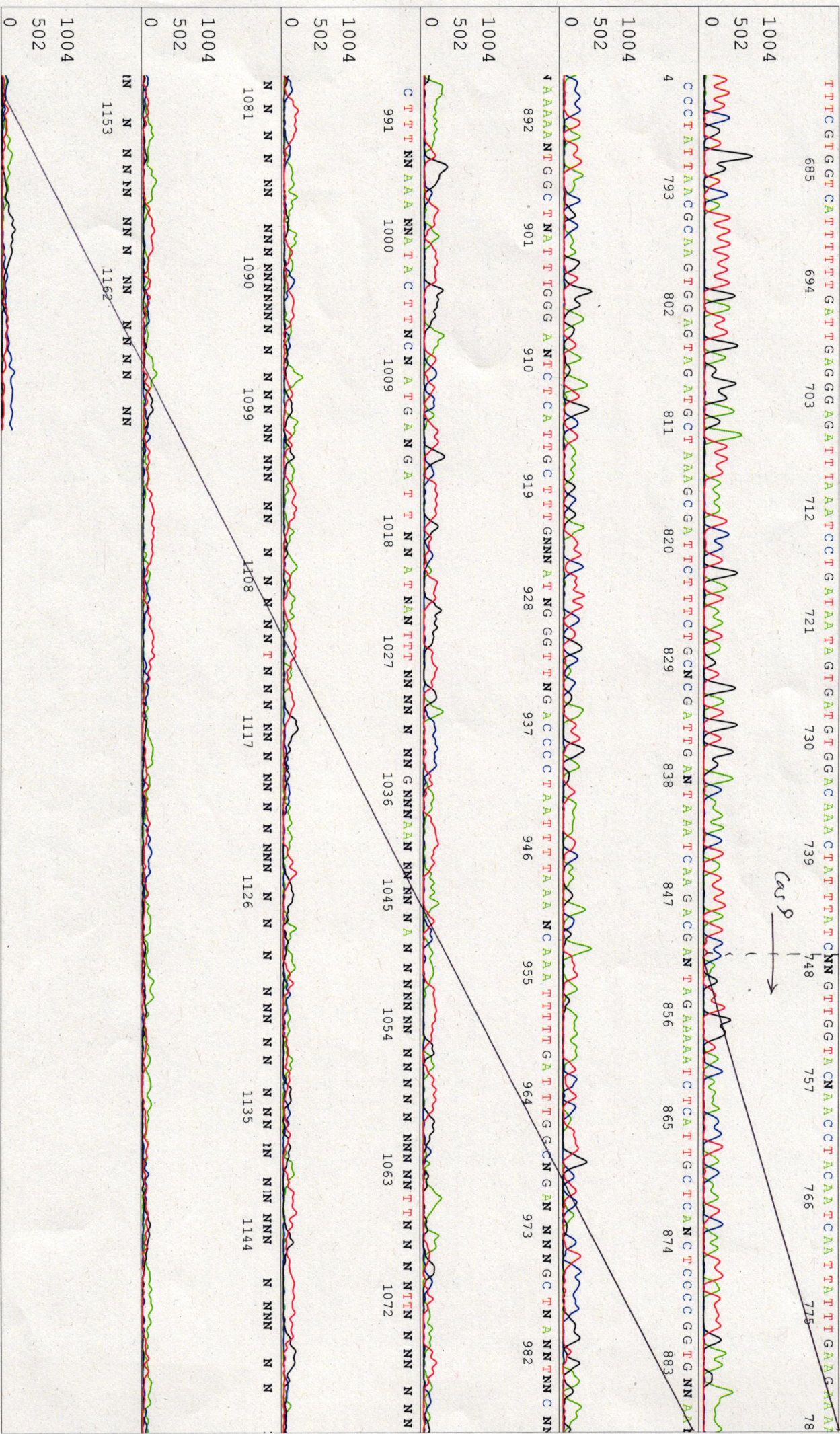
APPROVED BY :



KB.bcp
KB 1.4.1.8 Cap:3
5'-GCCGATAACAATTTCACACAGG-3'

NN NNN INNNNNNN NN NNNNN N N CN INNNNNNN CT CNCTAAAGGGAAACNAAGCTGGAGCTCCNCAATTCCGGCAGAGTTAAGACCAGATTCTTAGTTTAA GTTGAAGTGACT





primer name *B* : cas9-B_F

5'-AACGGTGTAAACGGATGCT3'

Cas9 →

