

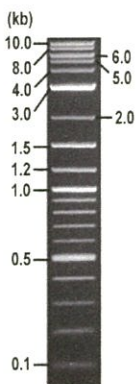


RIKEN DNA BANK

clone name : mST6GalNACI

- Clone ID : RDB_02092
- Lot : 02092_A916
- 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 | |
|--------------------|---------------------------|-----|
| <u>HindIII</u> | <u>4.7</u> | kbp |
| <u>BamHI</u> | <u>3.0, 1.7</u> | kbp |
| <u>PstI</u> | <u>3.6, 1.1</u> | 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 | insert5' |
| Sequence - B | Pr0310 | pUC-M13_-100 | insert3' |
| Sequence - C | - | - | - |
| Sequence - D | - | - | - |
| Sequence - E | - | - | - |
| Sequence - F | - | - | - |
| Sequence - G | - | - | - |
| Sequence - H | - | - | - |

APPROVED BY :



S/N G:415 A:519 T:283 C:451 primer name A : reverse-2

02092_02092_A916_3_reverse-2

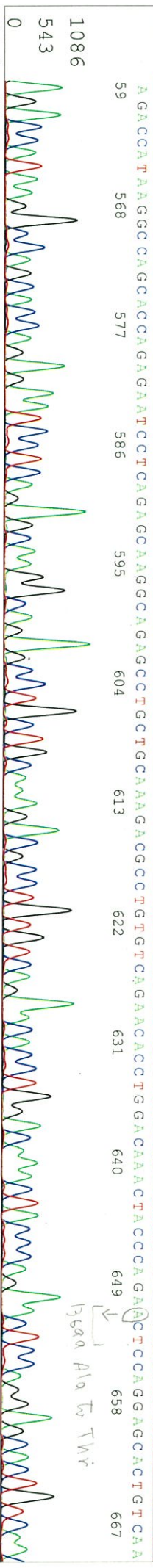
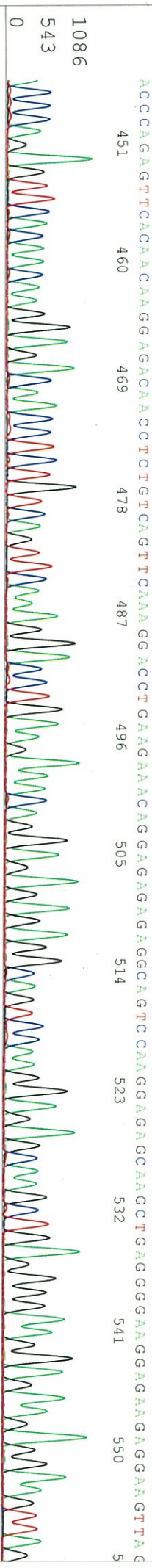
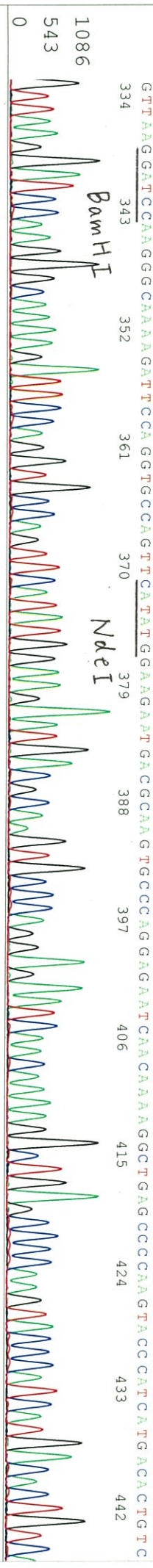
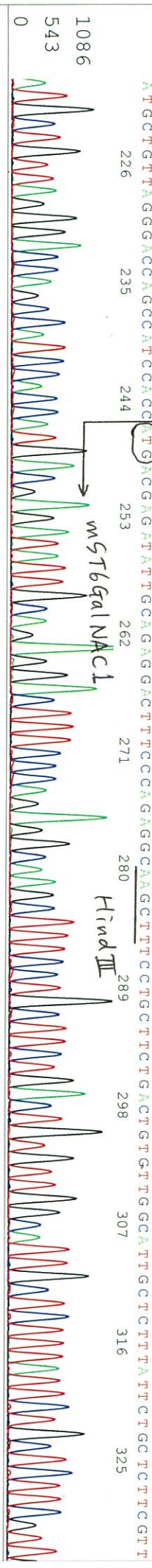
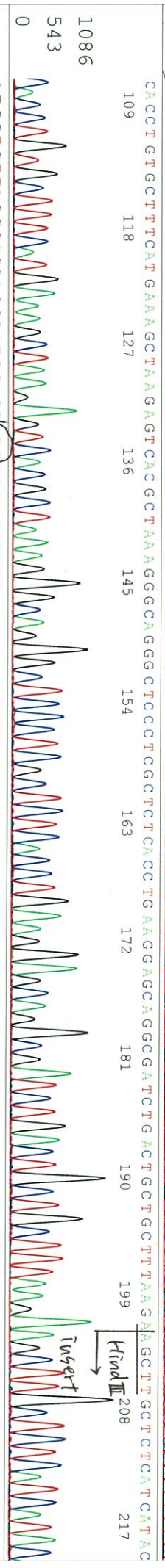
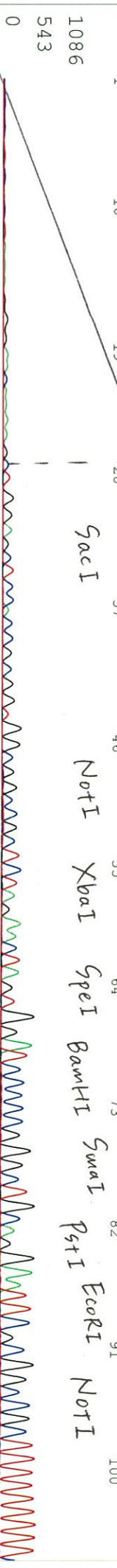
Oct 23, 2019 02:02PM, JST

KB.bcp 5'-GCCGATACCAATTTACACACAGG-3'

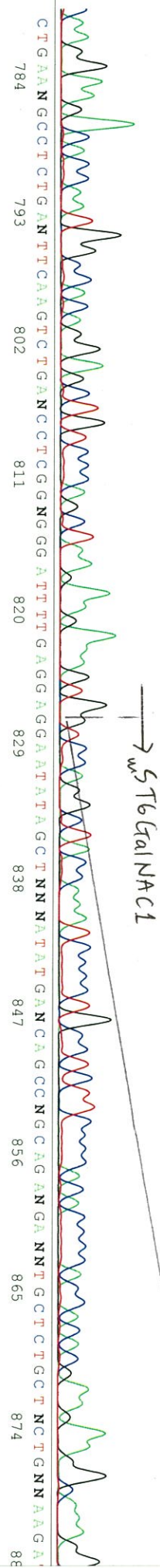
KB 1.4.1.8 Cap:16

Oct 23, 2019 02:28PM, JST

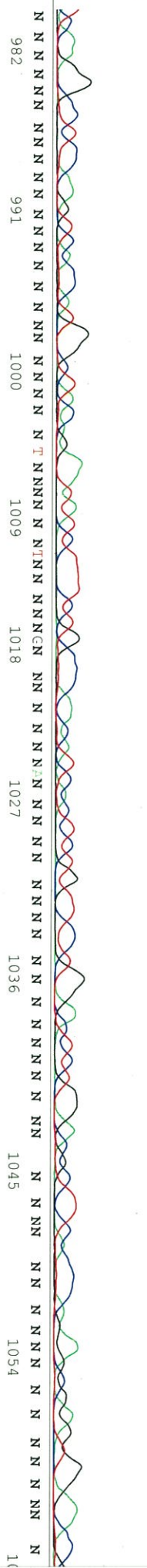
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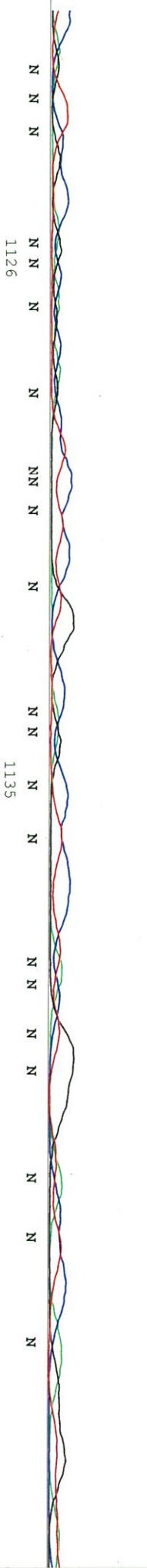
C A A G G A A G A C C A C C A A T G G C C A C A G G A G C T G T C C C A G C T A A G A A G A A G T G N T C C A G G C T A C C A A A T C C C C T G C C T C T T C C C C A C A C C C C A C A C A C G A A N A A N G N A A T T G G



T C A A N G N C T N C N A N N C A C C A N G G N T A C N G A N T A N C T T T C T G N C N N N N A T C N N T C N N N N N C N G G N N N N N N N N N N N N N T N N C C N N N A N N G N N N N N N N



N T N N N N N N T N



N N

S/N G:23 A:25 T:27 C:25

primer name B : pUC-M13_-100

02092_02092_A916_3_pUC-M13_-100
KB_3500_POP7_BDTV3.mob

Sep 19, 2019 09:43AM, JST
Sep 19, 2019 10:25AM, JST
Spacing: 10.91 Pts/Panel1350

KB.bcp

5'-ATTACGCCAGCTGGCGAAAGG-3'

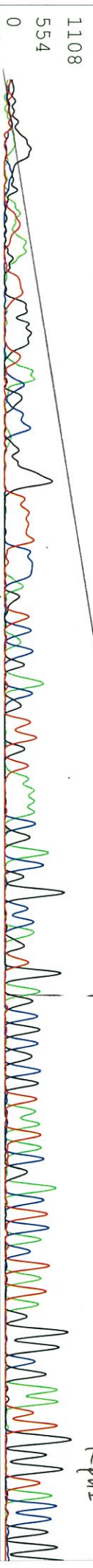
Pls 1497 to 12183 Pk1 Loc: 1474
Version 6.0 HISQV Bases: 866

Plate Name: 20190919_dnabank

KB 1.4.1.8 Cap:3

1 10 19 28 37 46 55 64 73 82 91 100 109

KpnI



GCCCCCTCGAGATCTGAAATTCGAGCTCGGTACCCTGTGAAAGGTGTGGAGCAGGCTCTGATTCAGAGACACA GGTAGGAGCATTTGAGGAGCCCTTGCACTCTGTGT

118 127 136 145 154 163 172 181 190 199 208 217 226

ApaI XhoI BglII EcoRI SacI KpnI
Insert

AAAGTGGTCGAGGGGAAACAACCTGATCTGGGCCCTGTCAGTCTTTGCTTTGTCAC TTTGTTGGACGCTGCTGAGAGCCAGATGATGCCCTTCATCATGCAACCCGCTTCCACACCA

235 244 253 262 271 280 289 298 307 316 325 334 34

TTCTCTTAACCTGAAGTCA TGGTTGATATAAAGATGAGCCGTTTCCATGATGATCATAGTAGTGGTCA GAGAAGCC TGGTGGCCCTCGGTTGTAAGCCATA GCGCGTGA

13 352 361 370 379 388 397 406 415 424 433 442 451

CC TTGTCACAGAGATGAAAGGCTGTGAGCAGCAGGAGGCGACCAAGTG GTGGGGGCTATATCTCCAA TGGGCAAGTGTCCAGGGTCTTGA C C CAGAAA C C TGTCTTCA T

460 469 478 487 496 505 514 523 532 541 550 559 568

TAA CCGA GAAAGTCTGGGTGCAAGCAAGTATCCGATCCAAAGTCCAAAGGCA T TCCGGAAGGCTTCC TGAAGCCTATG CCTGAA C CAGGAA GGTGGGTTT TGGCCAAAG

577 586 595 604 613 622 631 640 649 658 667 676

1108 554 0

ClaI* (methylated)



1108 554 0

