

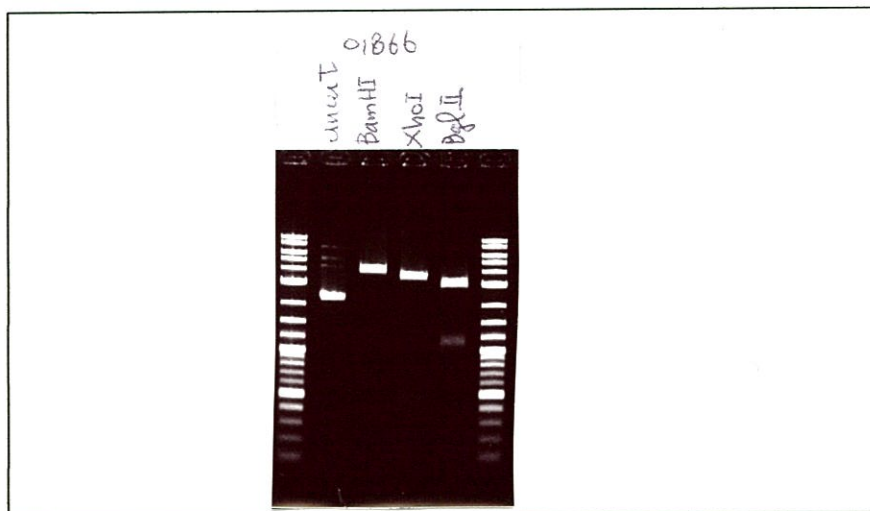
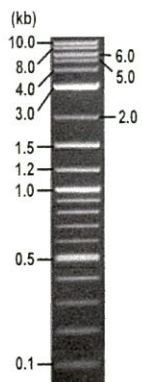


RIKEN DNA BANK

clone name : hIL-15 cDNA

- Clone ID : RDB _ 01866
- Lot : 12326 _ A3KI
- 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),
125 ng/well



Electrophoresis : 43 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>4.5</u> kbp
<u>XhoI</u>	<u>3.9, 0.5, 0.1</u> kbp
<u>BglII</u>	<u>3.3, 1.2</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	T7_20bp
Sequence - B	-
Sequence - C	-
Sequence - D	-

APPROVED BY :



S/N G:241 A:202 T:196 C:101

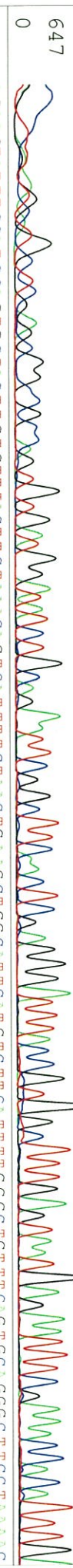
primer name A : T7_20bp

KB.bcp

KB 1.4.1.8 Cap:19

5'-TAATACGACTCACTATAGGG-3'

TC CT TT AGC ATG C TCG AGCGGCCCGCAG TGTG /TTCTGCGAGAAATTCGGCTTCAACTCCGAAAGGATTTACCCTGGCTTGTGAGTAAITGAGAAATTCGAAACCACTTTG
 1 11 21 31 41 51 61 XhoI 71 81 91 101 111
 E_{co}RI



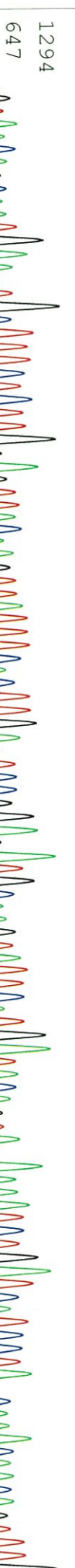
A GAA GTATTTCCATCCAGTGC TACTTGTGTTACTTCTAACA GTCATTTTCTAACTGAAGCTGGCATTCCATGCTTTCATTTTGGGCTGTTTCA GTGCA GGGCTTCC TAAAC
 121 131 141 151 161 171 181 191 201 211 221



A GAA GCAAC TGG TGA ATG TAA TAA GTG PTT TGA AAAAAA T TGA GATCTT A T TCA A TCTATG CATAT T GAT GC TACTT ATATACCGA AAGT GAT GTT CA CCCCAG TTGCAA
 231 241 251 261 271 B₉ 281 291 301 311 321 331



A GTAA CAGCA TGA A GTG CTT TCTCT TGGAGTTACA GTTATTTCACTG GAGTCCGGAGATG CCAAGTATTCATGATACAGTAGAAAATCTGATCATCCTAGCAAAACAAGT
 341 351 361 371 381 391 401 411 421 431 441 451



G TCTTCTAA TGGGA TGTAA CAGA ATCTGGATGCCAAA GAATGTGA GGAAC TGGAGAAA AAAAATATTA AAGAATTTTGCAGA GTTTGTG TACATA TTGTCCAAA TGTTCATCA
 461 471 481 491 501 511 521 531 541 551 561



A CA CTTCCTTGA TTTGCA AACTCGGAGATGA AAGCCGAA TTTCCA GCACA CTGGCGGCCGTTA CTA GTG GATCCGGA GCTTG GCGGTAATCATGGTCA TTAGCTGT
 571 581 XhoI 591 601 E_{co}RI 611 621 631 B₉ 641 651 H_{ind}III 661 671



1294
647
0