

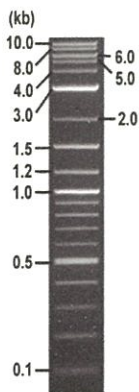


**RIKEN DNA BANK**

clone name : pMYs-HA-Yap1 DWW-IRES-EGFP

- Clone ID : RDB \_ 12179
- Lot : 12179 \_ A6Aj
- 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 : 92 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

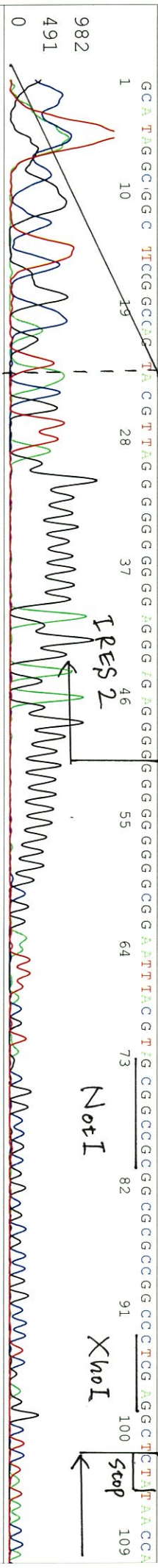
Restriction enzyme	Expected size of fragment
<u>NotI</u>	<u>7.3</u> kbp
<u>BglII</u>	<u>7.3</u> kbp
<u>NotI + BglII</u>	<u>5.7, 1.6</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	5'Retro (pFB-5')	Sequence - E	pMFG_1
Sequence - B	IRES-R	Sequence - F	EGFP-C
Sequence - C	IRES-F	Sequence - G	-
Sequence - D	Amp_R	Sequence - H	-

APPROVED BY :





1 GCA TAG GC GGC TTCG GCGGTA CGTTAG GGGGGGAGGGJGAGGGGGGGGGGGGGGAAATTTACGTFGCGGCCGGCGCCGGCCCGCCCTCGAGGCTATAACA  
 10 19 28 37 46 55 64 73 82 91 100 109  
 982 491  
 0 CGTAGAAAGCTTTCTTCTAAGCTTGCTGCCAGCACACAGACTCCACGTCACAGATTTCCGAACTCAGCGCTTCCCTGCAGACTGGGCATCAGCTCCTCCCTTCTATC  
 118 HindIII 127 136 145 154 163 172 181 190 199 208 217  
 ← Yap1 Δ WNV  
 NM\_009534.3, (625..cc) aa.493 - cc)  
 ← Yap1 Δ WNV  
 982 491  
 0 TTCA TTGCATC TCC TCCAGTGTGCCAAGTCCACATTTGTCCCAAGGAGGGCTTCCAGGTA GTCGGGAAAGCGGCTCTGCTGTGACGGCAAGGTTGCTTGGCTGATGGTGT  
 226 235 244 253 262 271 280 289 298 307 316 325 334

982 491  
 0 CTCCGTATCCATTTCATCCA CACTGTGAGGAAGT CGTCTGGGGTCCGAGGATGCTGTAGCTGCTCATGCTGAGGCCGCTGTCTGTGCTCTCATCTCGAAGTATAGGCTC  
 343 352 361 370 379 388 397 406 415 424 433 442  
 XhoI

982 491  
 0 CACTGTTAA GAAAGGGATC GGAAC TAT TGGTGTGTCATTTCTCAA TCC TGAGACATCCCA GAGAA GACA CTGCATTCGGAGTCCCTCCATCCCTGCTCCAGTGA GGC  
 451 460 469 478 487 496 505 514 523 532 541 550 559

982 491  
 0 TGGCTGCCAGAGCTAATTCCTGCCGAAATAATTCCCTGTGTTCACACCAGTCTCTCCTCTCCCA TCTGTA ACTGC TGCA PCTG TATTGCTGCTGCTGGTTGGAACTC  
 568 577 586 595 604 613 622 631 640 649 658 667  
 NM-1  
 ..(084cc)  
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 Electropherogram Data Page 1 of 2





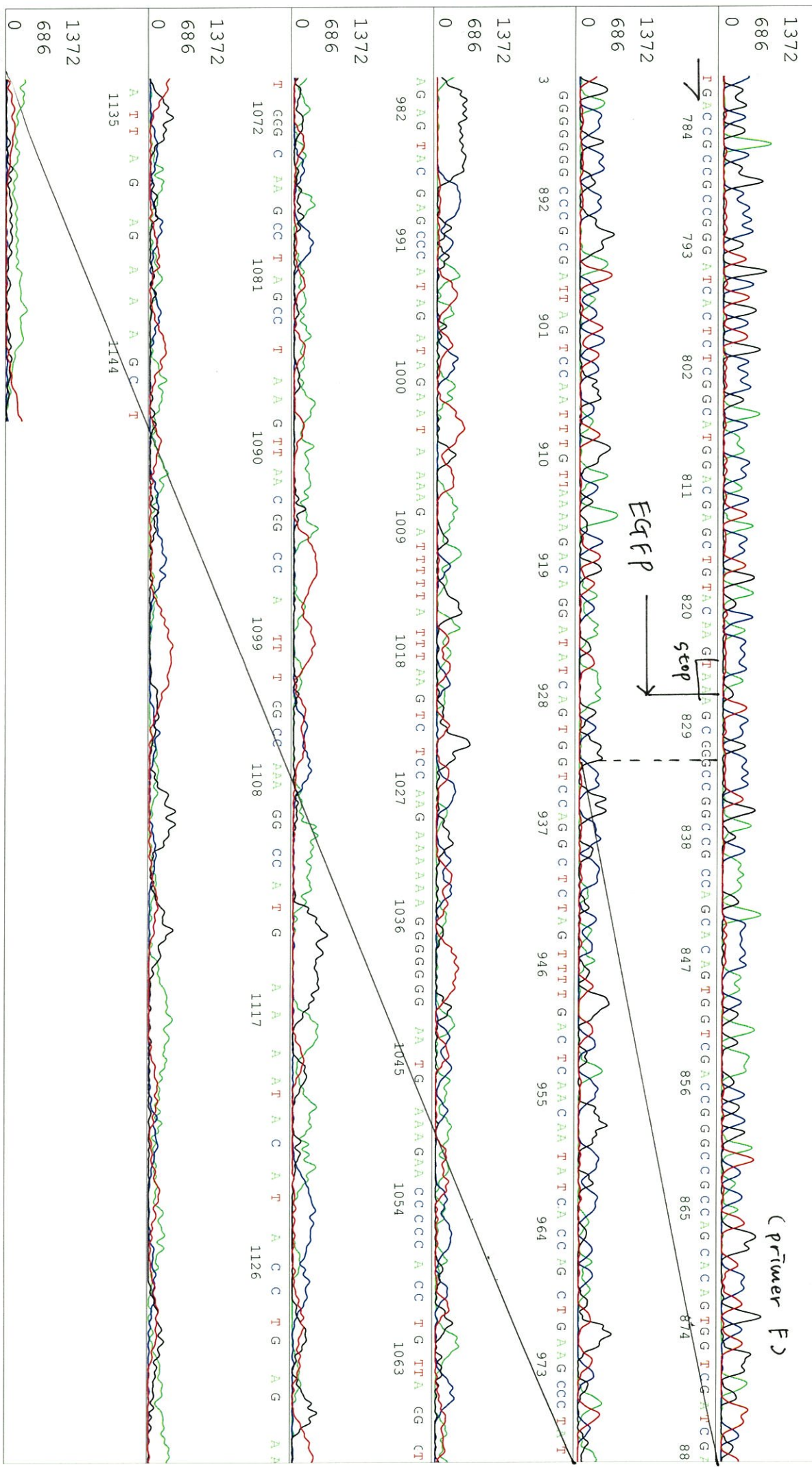


CGGC GACCGCCCGCCGTCGCTGCTGGCCCGACACCACCTACCCTGAGCAACCAGTCCGGCCCTGAGCAAAA GACCCCCAACGAGAAGCCCGATCACTGGCTCCCTGGAGATTCCG

( primer F )

EGFP

stop











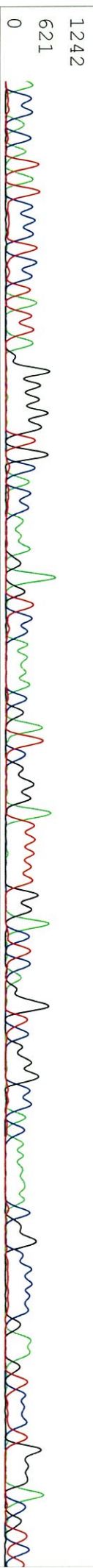






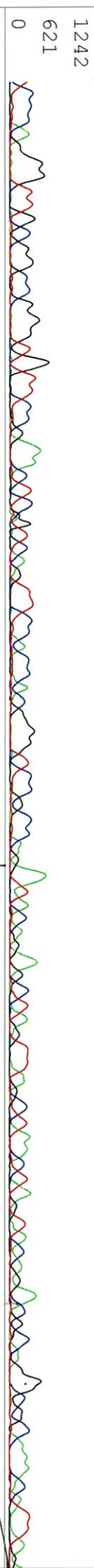
ACCAATATCCCTCCCTATTAGGGGGGTGCCACCAAAAGAGTCCAAACCGATTCGGGATTTTGGACTCAGGTCGGGGCCAAATAAACCGGCCCCCGAAGTCCCTGGGACCGTC

76 685 694 703 712 721 730 739 748 757 766 775



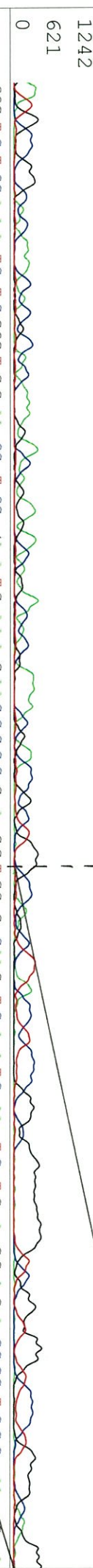
TC C C A G G G T T G C G G C C G G G T G T T C C G A A C T C G T C A G T T C C A C C A C G G G T C C G C C A G A T A C A G A G C T A G T T A G C T A A C T A G T A C A G A C G G C A A A C A T T A G

784 793 802 811 820 829 838 847 856 865 874 883



ATGC CGGCAAAA CACGCACAAA GACAGAGACAGACACGAAA CGACCGCTGGGCCAGCTTATACCCCTCCGGCGGGGGTCTGGTGGCTCCCTGGGCA

892 901 910 919 928 937 946 955 964 973 982



GGGTC TCCAAA TCTCGGGTGGAA CCTCC(AATGAAA GAACCCCGGAGGTGGGCAAGTCAATCAA TCTGA GGA GA CCCC TCCC AA G A

991 1000 1009 1018 1027 1036 1045 1054 1063



TCAAAGCCG AAG TCCACG A TTTCCGGATGCA TAA G C AA GC A G CC TTTAA TGGG A TTA CC GG TTA CCC

1072 1081 1090 1099 1108 1117 1126



CGGGGGCGG A A C T

.135 1144

