

RIKEN clone ID: IRAK034A15

Vector : pBluescriptR

Gene	PPP3R2		
Accession No.	BC030595.2	3401 bp	1..3401
	<i>CDS</i>	522 bp	72..593

● Plasmid DNA purification

Date : 120125 Culture : LB (100 ug/ml Ampicillin) 5 ml → 37°C O/N

Date : 120126 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

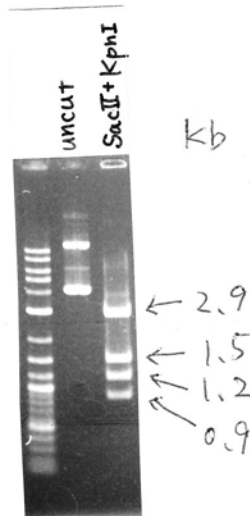
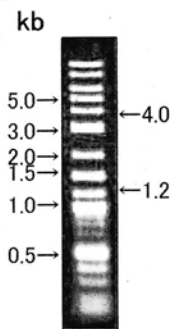
Date : 120126

DNA concentration (O.D.): 123 ng/ul

DNA	1	ul
Enzyme (Sac II + KpnI)	0.5+0.5	ul
Buffer L	1	ul
dH ₂ O	7	ul
Total	10	ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

Marker: 2-Log DNA Ladder (NEB#N3200L)



<Expected digestion pattern from BC030595.2>

2862, 1508, 1154, 867 bp

● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 120131 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>123</u> ng/ul)	86	ul
10 × TE	42.3	ul
dH ₂ O	294.8	ul
Total	423.1	ul

Not I

EcoRI

vector ← → insert

TCGA TA G CG G G GCG GCGGCTTACTT C G TTA G CTTACTT TTTACCGAAAGTTT G GATCA GGC CAAA TCC G GCGGAGCTCGAATTCGCTCGAGAGCGGGTACCGAGCCCC

1108
554
0
113 117 121 125 129 133 137 141 145 149 153 157 161 165 169 173 177 181 185 189 193 197 201 205 209 213 217 221
CCCCAGCTCACCCGCCCCCTGCTTCCCCCTCTCCGACCCTTTGAGCCGTTGGCGCCGATGTCCTCCCAATGGGAAACGAGGCCAATACCCGGGCGGAGATGTGCTCCACCCTTGGT

1108
554
0
225 229 233 237 241 245 249 253 257 261 265 269 273 277 281 285 289 293 297 301 305 309 313 317 321 325 329 333 337
CAATGATGAAATTAAGGCGCTGGGCAGGAGGTAAAGAAAGTTGGACTTTGGACAAATCAGGGTCTCTGACGGTGGAGGAGTTCATGTCCCTGCCCCGAGCTGCCCCACACACCCTG

1108
554
0
7 341 345 349 353 357 361 365 369 373 377 381 385 389 393 397 401 405 409 413 417 421 425 429 433 437 441 445 449
FGGTGGGGCCAGTGATCCAGCTTCTTCGACACCCGACCGGTTGATGAGAAAGTTGGACTTCAAAGAAATTCATCTGGGGACCTCCCAAGTTCAAGCGTCAAGGCGGACGAGGAGCAGAAAG

1108
554
0
453 457 461 465 469 473 477 481 485 489 493 497 501 505 509 513 517 521 525 529 533 537 541 545 549 553 557
FTGAGGTTTGCGCTTCAAGCATTTACGACATGGATAAAGATGGCTACCATTTCCAAAGCGGGAGCTCTTCCAGGTGCTGAAGATGATGGTTGGCGCAATAACTGAAAGACTGGGGT

1108
554
0

