

RIKEN Clone ID : IRAK052J19

Vector : pCMV-SPORT6

Gene	OPRL1	
Accession No.	BC038433.1	3420 bp
	<i>CDS</i>	1113 bp
		1..3420
		413..1525

● Plasmid DNA purification

Date : 130115

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over nigh

Date : 130117

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

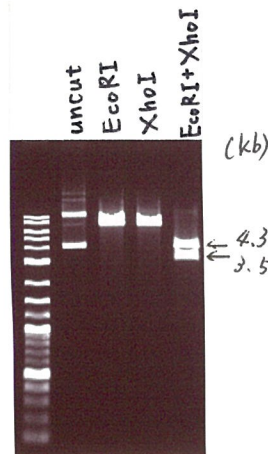
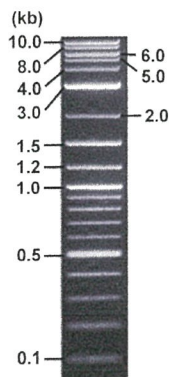
Date : 130117

DNA concentration (O.D.): 333 ng/ul

DNA	0.2	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.8	ul
Total	10	ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC038433.1 >

4339, 3463 bp

● Confirmation of the insertion sequence

Date : 130122

Primer A	Reverse2
Primer B	M13
Primer C : Poly(A) region primer #0	
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

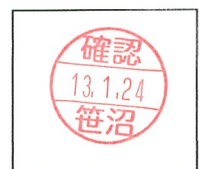
● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/

Date : 130124

DNA (<u>333</u> ng/ul)	82.0	ul
10x TE	109.2	ul
dH ₂ O	901.0	ul
Total	1092.2	ul

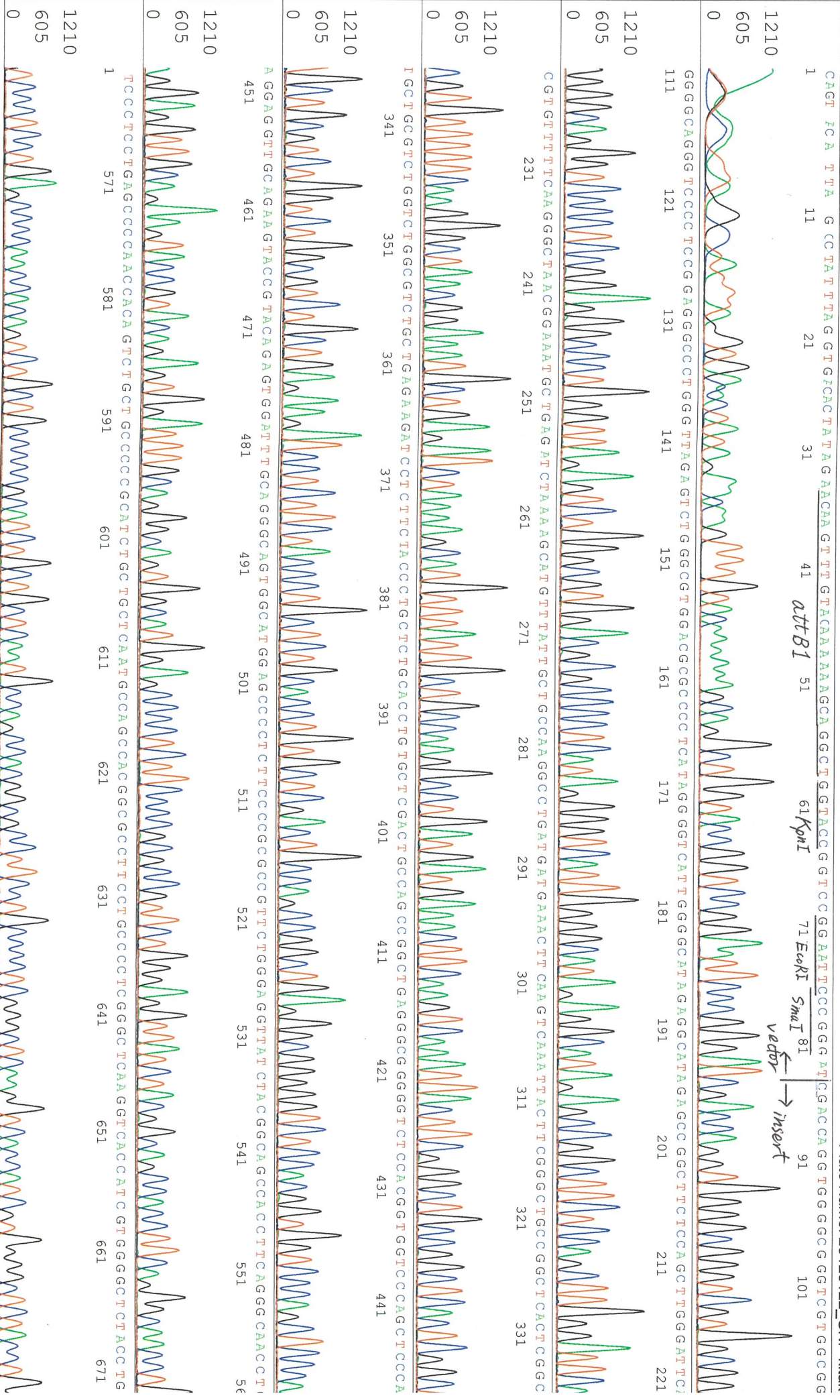


APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:795 A:430 T:539 C:527 Primer A : Reverse2
KB.bcp KB_1.4.1.8 Cap:13 5' GCGGATACAAATTTTCACACAGG 3'

IRAK052J19_Reverse2_E10_13
IRAK052J19_Reverse2
KB_3500_POP7_BDTV3.mob
Pls 1366 to 14227 Pk1 Loc:1343
Version 5.4 HISQV Bases: 1041
Inst Model/Name 3500/3500 Instrummer
Jan 22, 2013 10:30AM, JST
Jan 22, 2013 10:57AM, JST
Spacing:12.61 Pts/Panel1351
Plate Name: 20120122_GNP-kitak



S/N:G:180 A:106 T:102 C:110
 KB:bcp
 KB 1.4:1.8 Cap:19

IRAK052119_GNPmixture_G10_19
 IRAK052119_GNPmixture
 KB_3500_POP7_BDTV3.mob
 Pts 1368 to 14327 PK1 Loc:1345
 Version 5.4 HiSQV Bases: 1033

Inst Model/Name 3500/3500 Instrumei
 Jan 22,2013 10:30AM, JS
 Jan 22,2013 10:57AM, JS
 Spacing:12.54 Pts/Panel135
 Plate Name: 20120122_GNP-kitak

5' TTTT...NNNN 3' Primer C: Poly(A) region primer #0

