

RIKEN Clone ID : IRAK046G09

Vector : pBluescriptR

Gene	HMGCLL1	
Accession No.	BC024194.2	1309 bp
	<i>CDS</i>	1023 bp
		1..1309
		41..1063

● Plasmid DNA purification

Date : 130122

Culture : LB (100 ug/ml Ampicillin) ¹⁰/₅ ml → at 37 deg C over night

Date : 130123

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

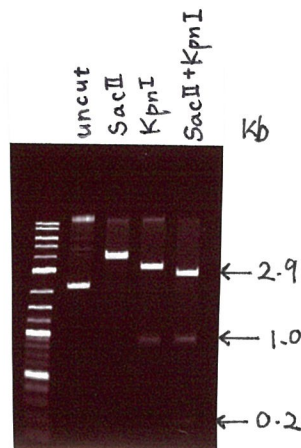
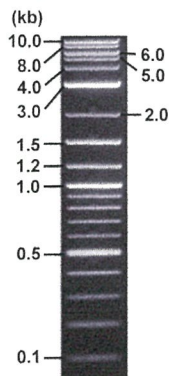
Date : 130123

DNA concentration (O.D.): 78 ng/ul

DNA	0.5 ul
Enzyme (SacII + KpnI)	0.5 + 0.5 ul
Buffer L	1 ul
dH ₂ O	7.5 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC024194.2 >

2862, 1018, 272, 147 bp

● Confirmation of the insertion sequence

Date : 130125

Primer A	T7
Primer B	Reverse2
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

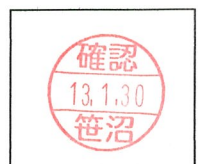
● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130129

DNA (<u>78</u> ng/ul)	85.0 ul
10x TE	26.5 ul
dH ₂ O	153.7 ul
Total	265.2 ul



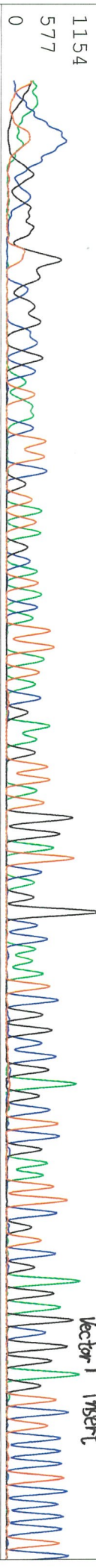
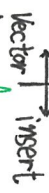
APPROVED BY :

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

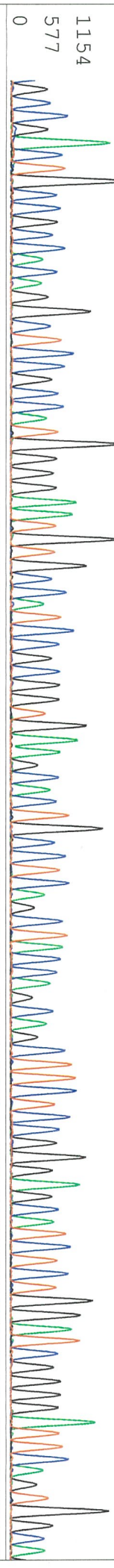
Bgl I

Sac I

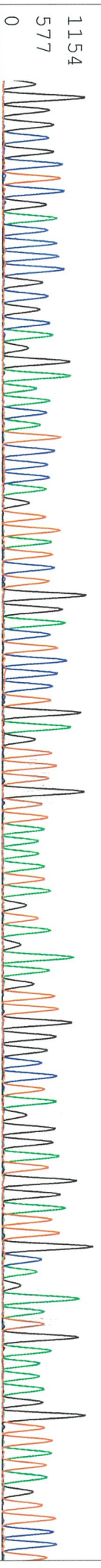
EcoR I



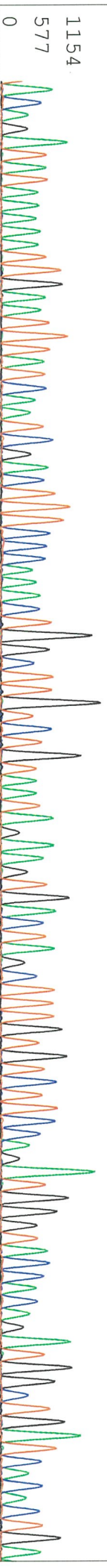
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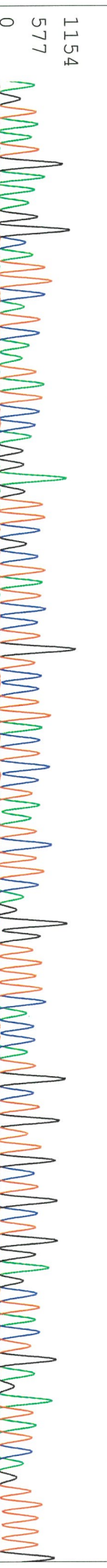
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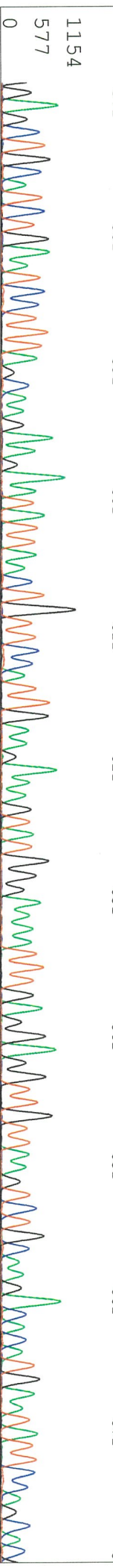
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A G T T A A T G A A A G G C A T T C A T C A A T A T C C A G G A G T T C G C T A T C C T G T C C T T A C T C C C T A A T C T T C A G G G T T T C A C C A T G C T G T T G C T G G A G C T A C T G A G A T A T C A G T T T T T C



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



kpnI⁶⁴ ApaI

Baym H1

