

**RIKEN Clone ID : H3133C08**

Lot# : 5723\_A5F1

Vector : pSPORT1

Gene	Rab7	
5' EST Sequence	H3133C08-5	495bp
3' EST Sequence	H3133C08-3	513bp

● Plasmid DNA purification

Date : 150602

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

Date : 150603

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 150603

DNA concentration (O.D.): 174 ng/ul

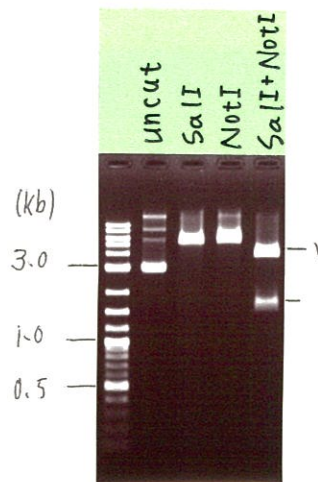
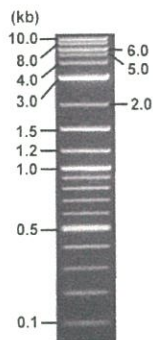
DNA	0.25	ul
Enzyme (SalI + NotI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.75	ul
Total	10	ul

< Size of fragment expected from this clone >

SalI		size unidentified
NotI		size unidentified
SalI + NotI	4.0 kb,	size unidentified

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150605

DNA ( <u>174</u> ng/ul)	85.0	ul
10x TE	59.2	ul
dH <sub>2</sub> O	447.4	ul
Total	591.6	ul

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

~~Conc. : ng/ul, Volume : ul~~

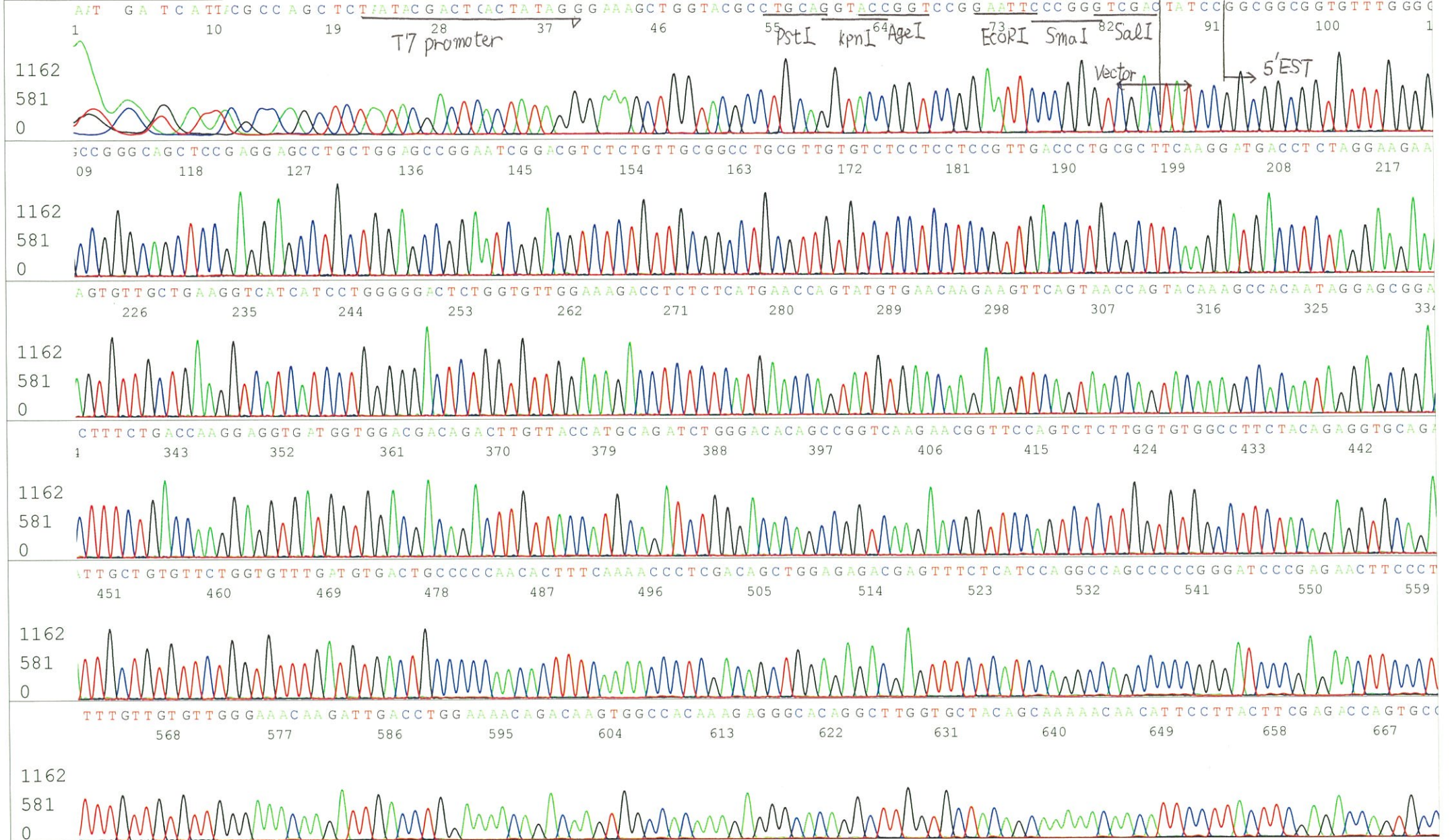
APPROVED BY :



S/N G:427 A:315 T:196 C:269  
KB.bcp  
KB 1.4.1.8 Cap:9

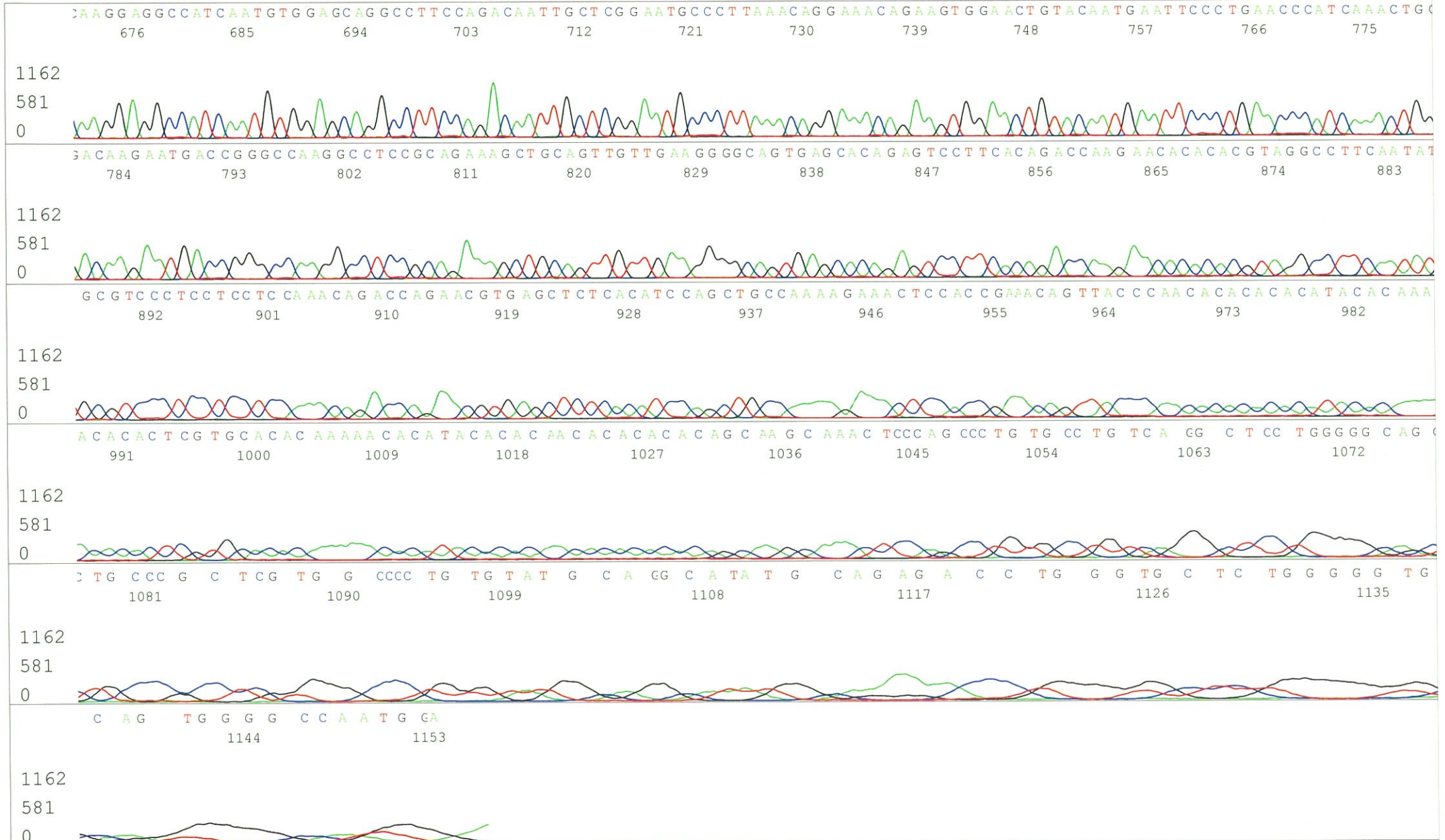
Primer A : Reverse2

5' GCGGATAACAATTTTCACACAGG 3'





S/N G:427 A:315 T:196 C:269  
KB.bcp  
KB 1.4.1.8 Cap:9





S/N G:338 A:337 T:244 C:206 Primer B : M13

KB.bcp

KB 1.4.1.8 Cap:12

5' GTTTTCCCAGTCACGACGTTGTA 3'

