

RIKEN Clone ID : IRAK062C01

Lot#: 7893_B1Dk

Vector : pCMV-SPORT6

Gene	PRSS3	
Accession No.	BC030238.1	821 bp
	CDS	- bp

● Plasmid DNA purification

Date : 21.04.20

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

Date : 21.04.21

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.04.21

DNA concentration (O.D.): 181 ng/ul

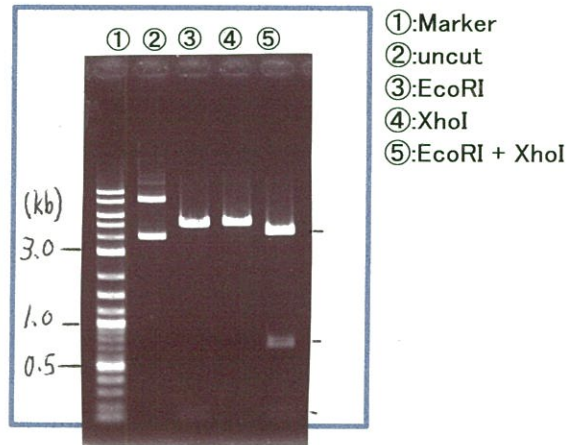
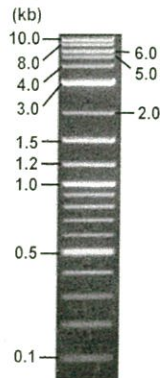
< Size of fragment expected from this clone >

DNA	<u>0.6</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.4</u> ul
Total	10 ul

EcoRI	5.0, 0.1, <0.1 kb
XhoI	5.1 kb
EcoRI + XhoI	4.3kb (Vector) 0.7, 0.1, <0.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.04.23

● Confirmation of the insertion sequence

Date : 21.04.23

DNA (<u>181</u> ng/ul)	<u>88.0</u> ul
10x TE	<u>63.7</u> ul
dH ₂ O	<u>485.4</u> ul
Total	<u>637.1</u> ul

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

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

Conc. : ng/ul, Volume : ul

APPROVED BY :

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



S/N G:623 A:671 T:459 C:743

Primer A : Reverse2

7893_IRAK062C01_B1Dk_Reverse2

Apr 22,2021 09:40AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Apr 22,2021 09:55AM, JST

KB 1.4.1.8 Cap:13

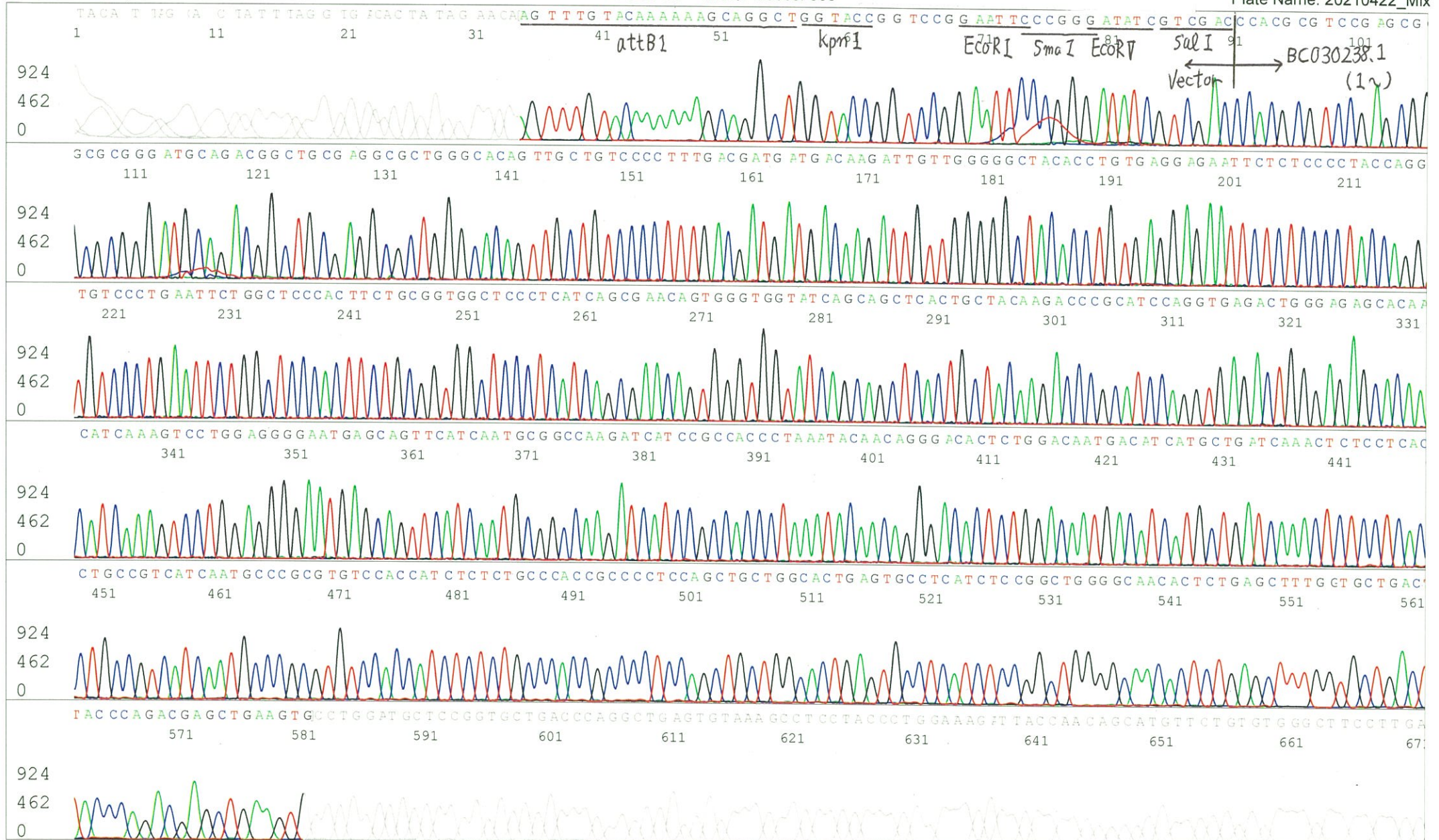
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1879 to 8706 Pk1 Loc:1847

(QV) < 40.

Spacing:10.55 Pts/Panel1350

Plate Name: 20210422_Mix



S/N G:174 A:209 T:122 C:19' Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:16 5' GTTTCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40.

