

RIKEN Clone ID : H3031D03

Lot# : 5723_A7Jk

Vector : pSPORT1

Gene	Aldoa	
5' EST Sequence	H3031D03-5	132 bp
3' EST Sequence	H3031D03-3	531 bp

● Plasmid DNA purification

Date : 171024

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

Date : 171025

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 171025

DNA concentration (O.D.): 88 ng/ul

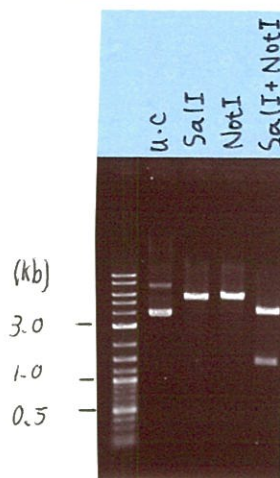
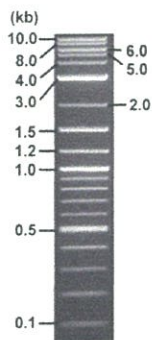
< Size of fragment expected from this clone >

DNA	1	ul
Enzyme (Sall + NotI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7	ul
Total	10	ul

Sall		size unidentified
NotI		size unidentified
Sall + 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 : 171026

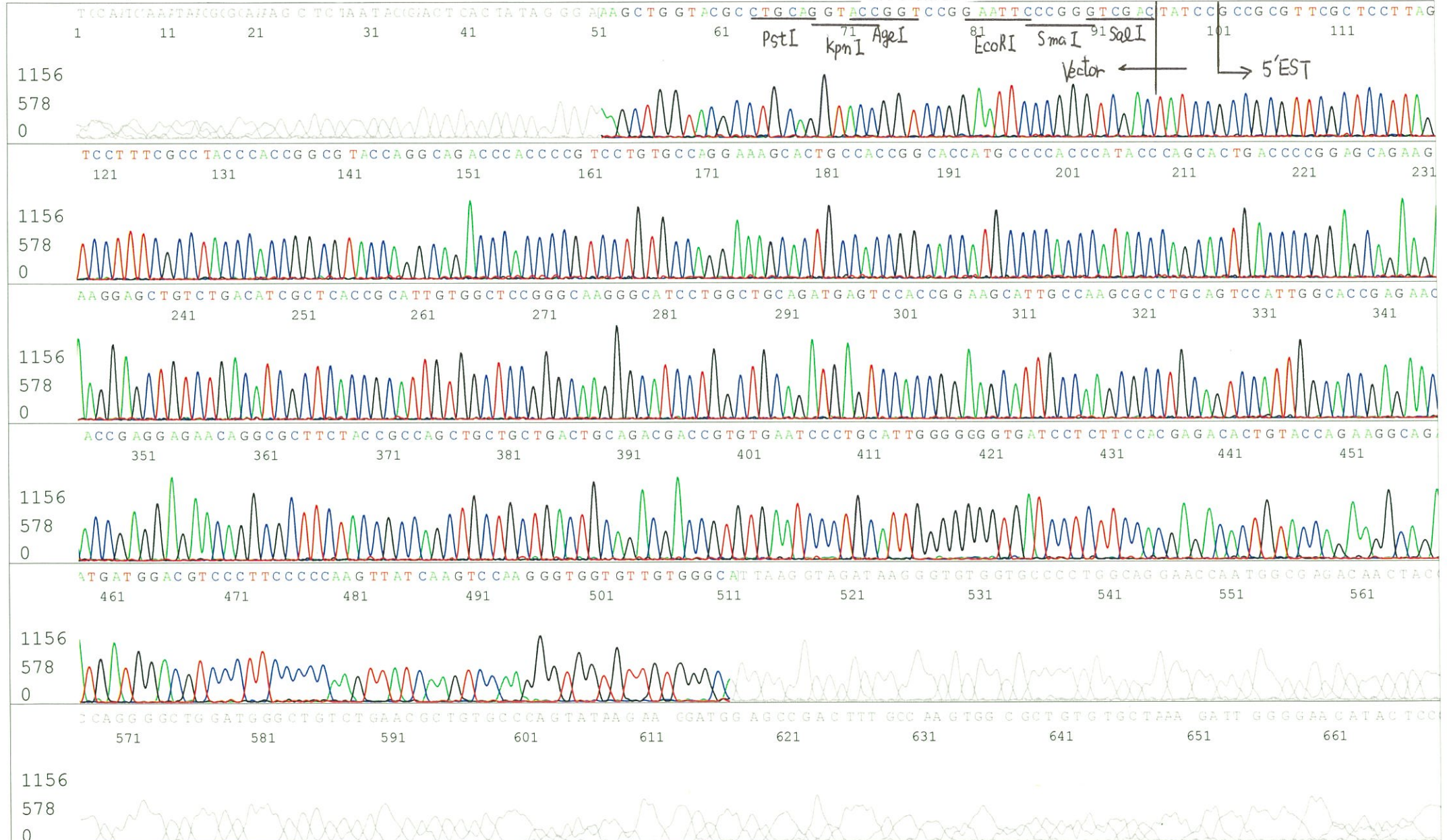
DNA (<u>88</u> ng/ul)	80.0	ul
10x TE	28.1	ul
dH ₂ O	173.5	ul
Total	281.6	ul

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl
 ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :





S/N G:82 A:74 T:67 C:83
 KB.bcp
 KB 1.4.1.8 Cap:16

Primer B : M13
 5' GTTTCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
 (QV) < 40.

