

RIKEN Clone ID : IRAL037E02

Lot#: 7566_A4Ic

Vector : pDNR-LIB

Gene	POU5F1	
Accession No.	BC020712.1	1167 bp
		1..1167
CDS	- bp	--

● Plasmid DNA purification

Date : 140917

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 140919

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140919

DNA concentration (O.D.): 123 ng/ul

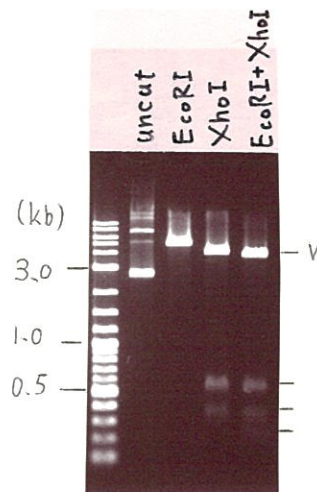
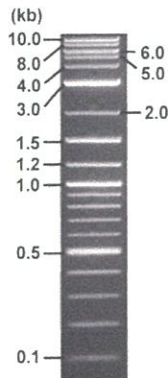
< Size of fragment expected from IRAL037E02 >

DNA	0.4	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.6	ul
Total		10 ul

EcoRI	5119 bp
XhoI	4172, 578, 369 bp
EcoRI + XhoI	3919bp (Vector) 578, 369, 253 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140922

● Confirmation of the insertion sequence

Date : 140922

DNA (<u>123</u> ng/ul)	<u>83.0</u>	ul
10x TE	<u>40.8</u>	ul
dH ₂ O	<u>284.6</u>	ul
Total	<u>408.4</u>	ul

Primer A	T7 long
Primer B	M13 Reverse
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

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

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APPROVED BY :

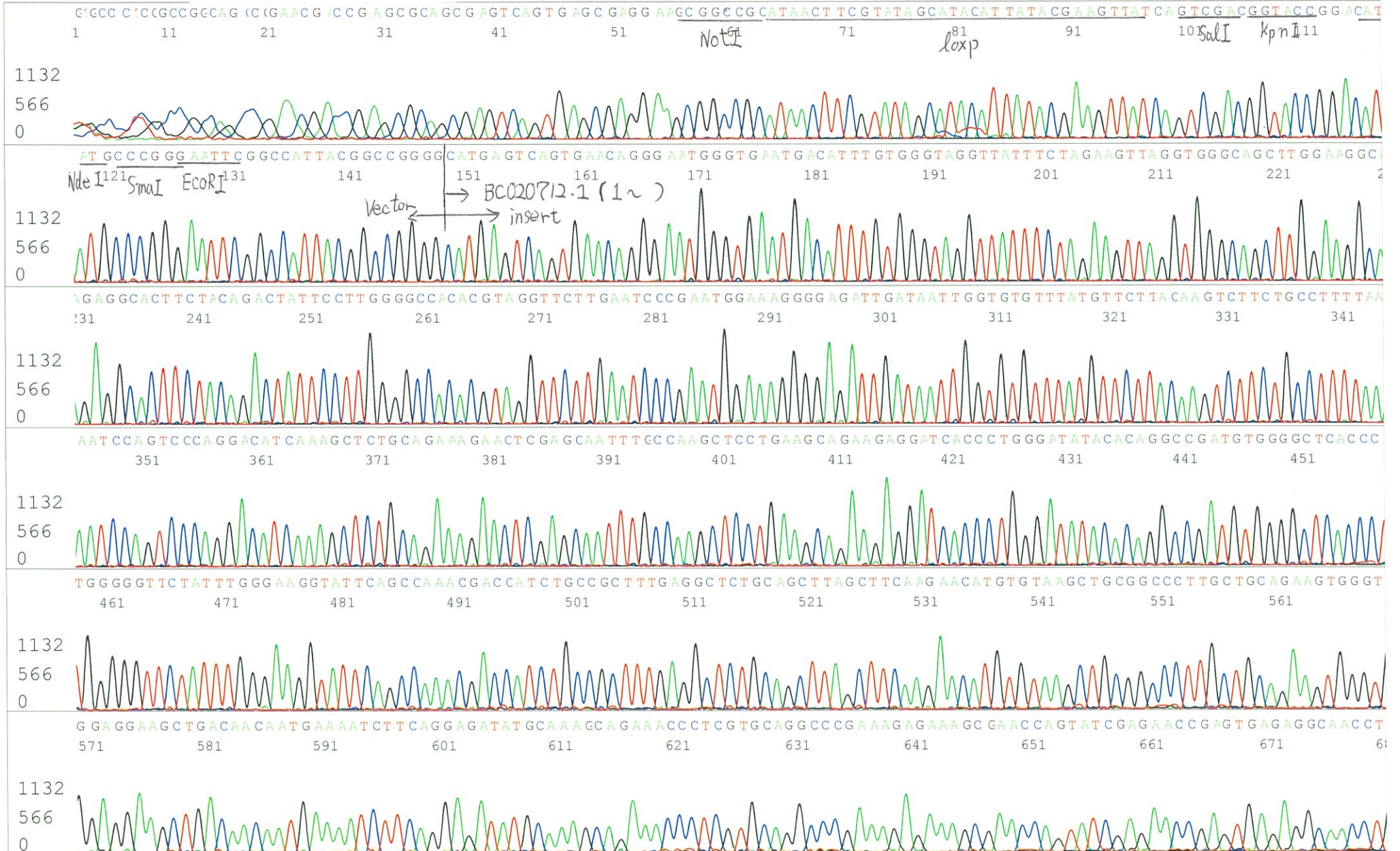
<http://dna.brc.riken.jp/index.html>



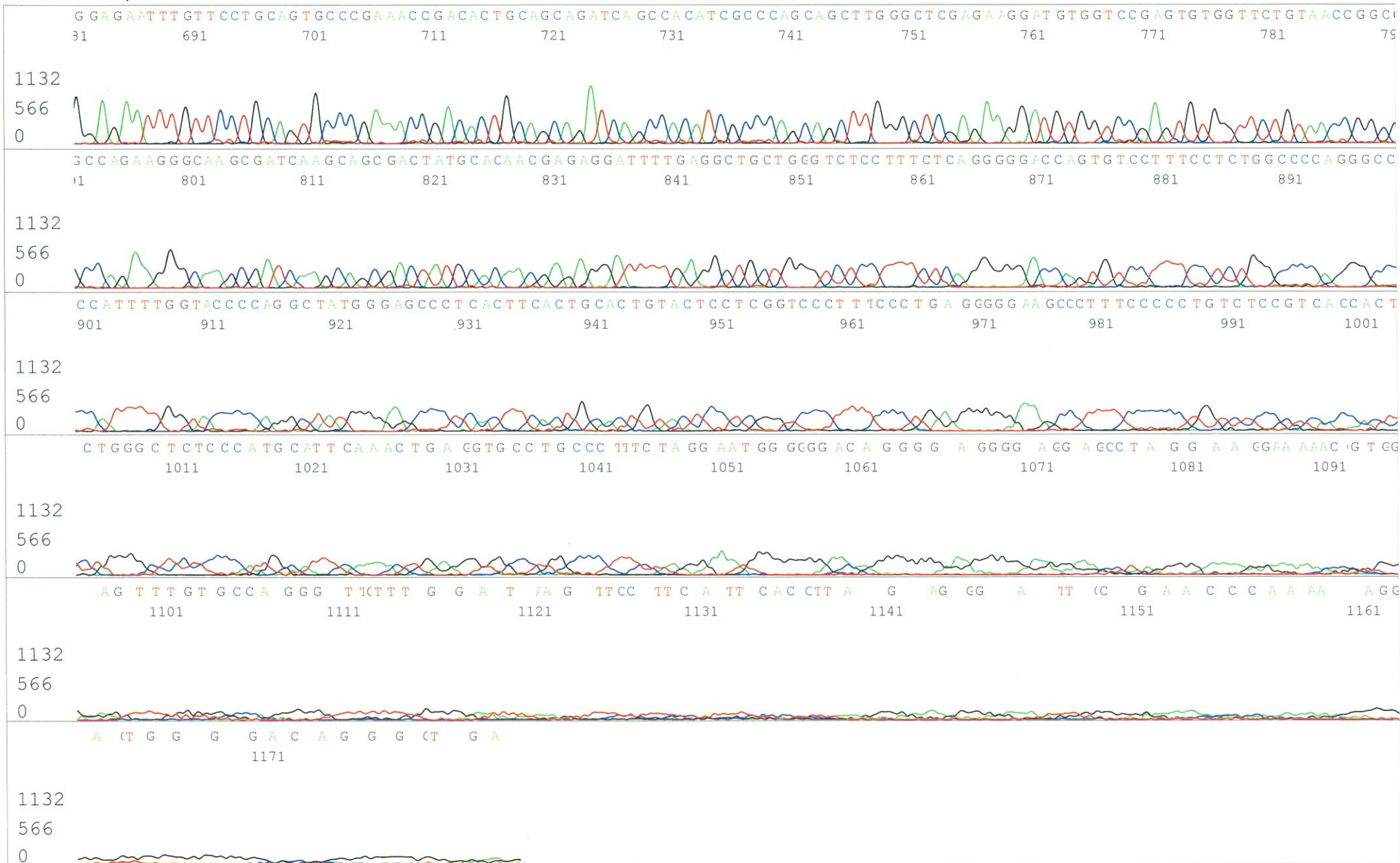
S/N G:39 A:36 T:27 C:33
KB.bcp
KB 1.4.1.8 Cap:14

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

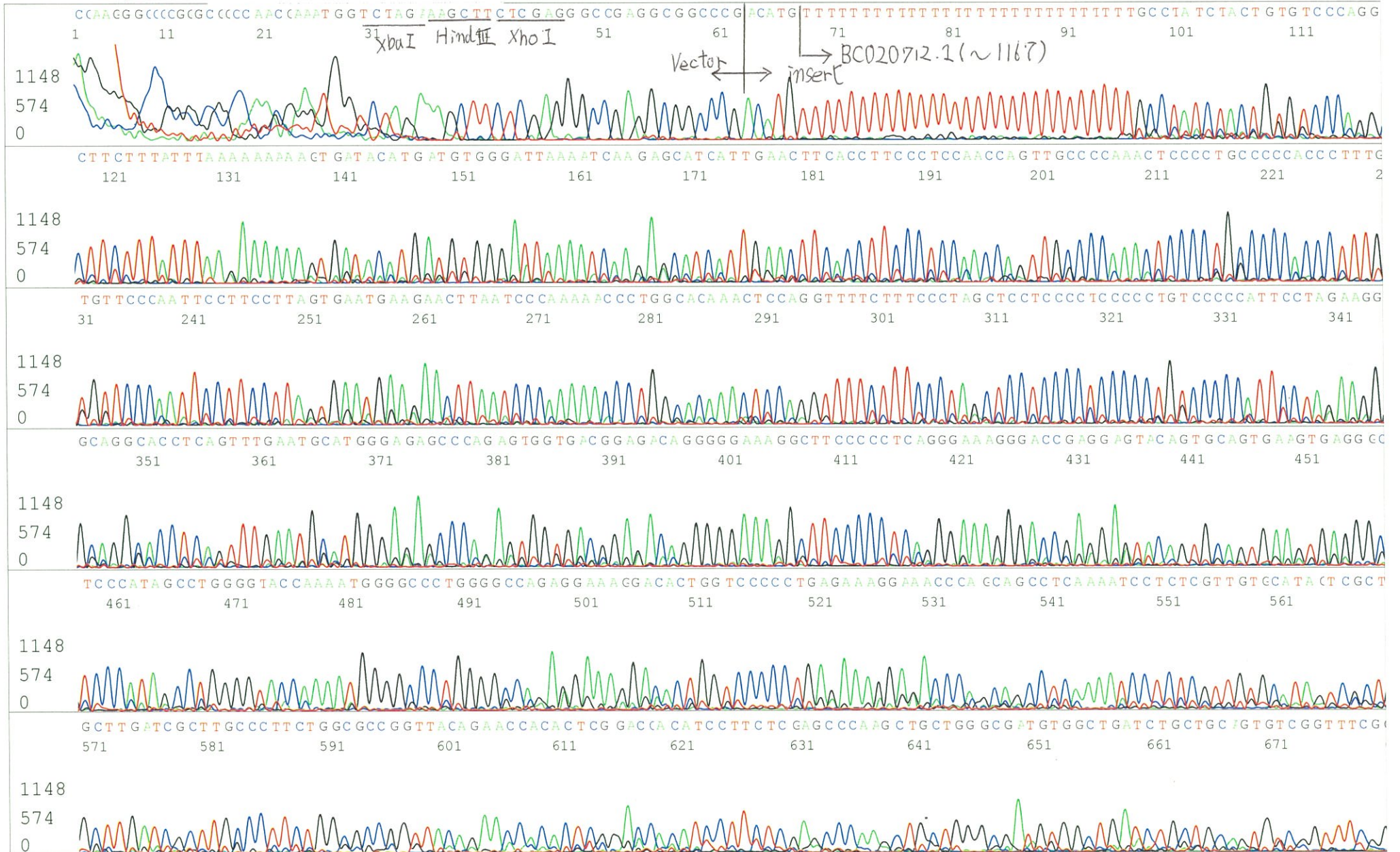


S/N G:39 A:36 T:27 C:33
KB.bcp
KB 1.4.1.8 Cap:14



S/N G:11 A:11 T:10 C:11
KB.bcp
KB 1.4.1.8 Cap:17

Primer B : M13 Reverse
5' AAACAGCTATGACCATGTTCA 3'



S/N G:11 A:11 T:10 C:11

IRAL037E02_A4lc_M13reverse

Sep 22, 2014 09:56AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Sep 22, 2014 10:22AM, JST

KB 1.4.1.8 Cap:17

Pts 1306 to 13439 Pk1 Loc:1283

Spacing:11.89 Pts/Panel1350

Version 5.4 HiSQV Bases: 880

Plate Name: 20140922_mix

