RIKEN_Clone_ID : IRAK079G17

Lot#: 7893_B0Kb

Vector : pCMV-SPORT6

Gene	HSPA6	
Accession No.	BC035665.1	2279 bp
	CDS	1932 bp

● Plasmid DNA purification

Date : 20.11.16　　Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 20.11.17　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 20.11.17

DNA concentration (O.D.): 335 ng/ul

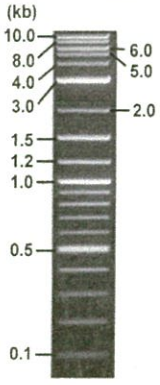
DNA	0.3 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

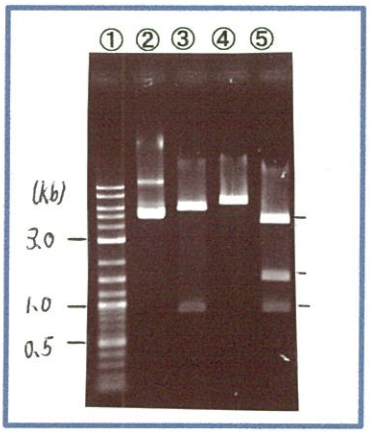
< Size of fragment expected from this clone >

EcoRI	5.8, 0.9 kb
XhoI	6.7 kb
EcoRI + XhoI	4.3kb (Vector) 1.5, 0.9 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





①:Marker
②:uncut
③:EcoRI
④:XhoI
⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.11.24

DNA (335 ng/ul)	84.0 ul
10x TE	112.5 ul
dH_2O	929.1 ul
Total	1125.6 ul

● Confirmation of the insertion sequence

Date : 20.11.20

Primer A	Reverse2
Primer B	M13
Primer C : Poly(A) region primer #33	
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ Conc. : ng/μl, Volume : μl

確認 20.11.20 笹沼

APPROVED BY :
http://dna.brc.riken.jp/index.html

Applied Biosystems

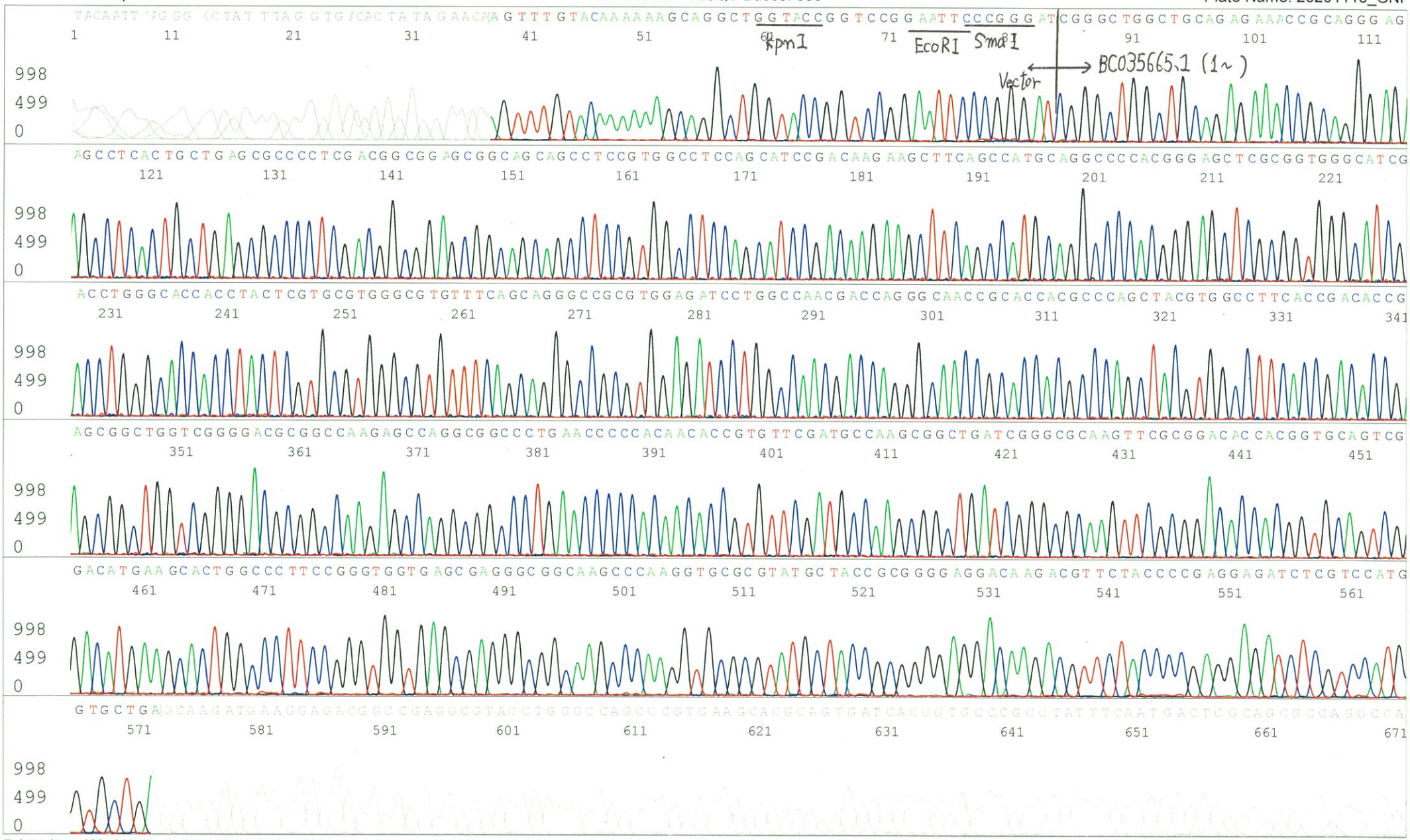
S/N G:88 A:106 T:60 C:134
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : Reverse2
5' GCGGATAACAATTTCACACAGG 3'

7893_IRAK079G17_B0Kb_3_Reverse2_C01_03_ABI08
7893_IRAK079G17_B0Kb_3_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1751 to 8704 Pk1 Loc:1719
Version 6.0 HiSQV Bases: 685

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 18,2020 09:54AM, JST
Nov 18,2020 10:10AM, JST
Spacing:10.65 Pts/Panel1350
Plate Name: 20201118_GNP



Applied Biosystems

S/N G:52 A:66 T:53 C:71
KB.bcp
KB 1.4.1.8 Cap:4

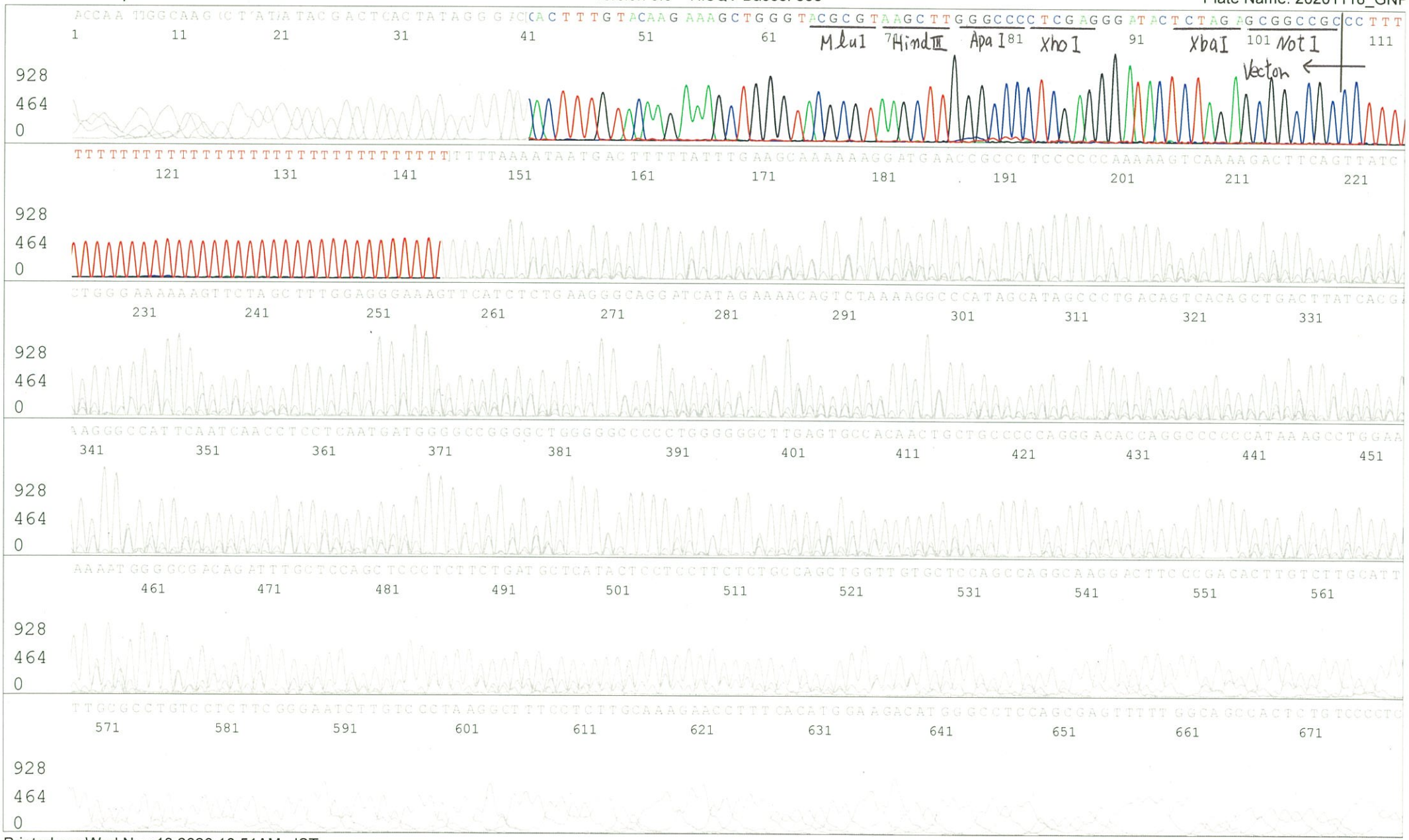
Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

7893_IRAK079G17_B0Kb_3_M13(-40)_D01_04_ABI08
7893_IRAK079G17_B0Kb_3_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1779 to 8704 Pk1 Loc:1747
Version 6.0 HiSQV Bases: 383

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 18,2020 09:54AM, JST
Nov 18,2020 10:10AM, JST
Spacing:10.67 Pts/Panel1350
Plate Name: 20201118_GNP

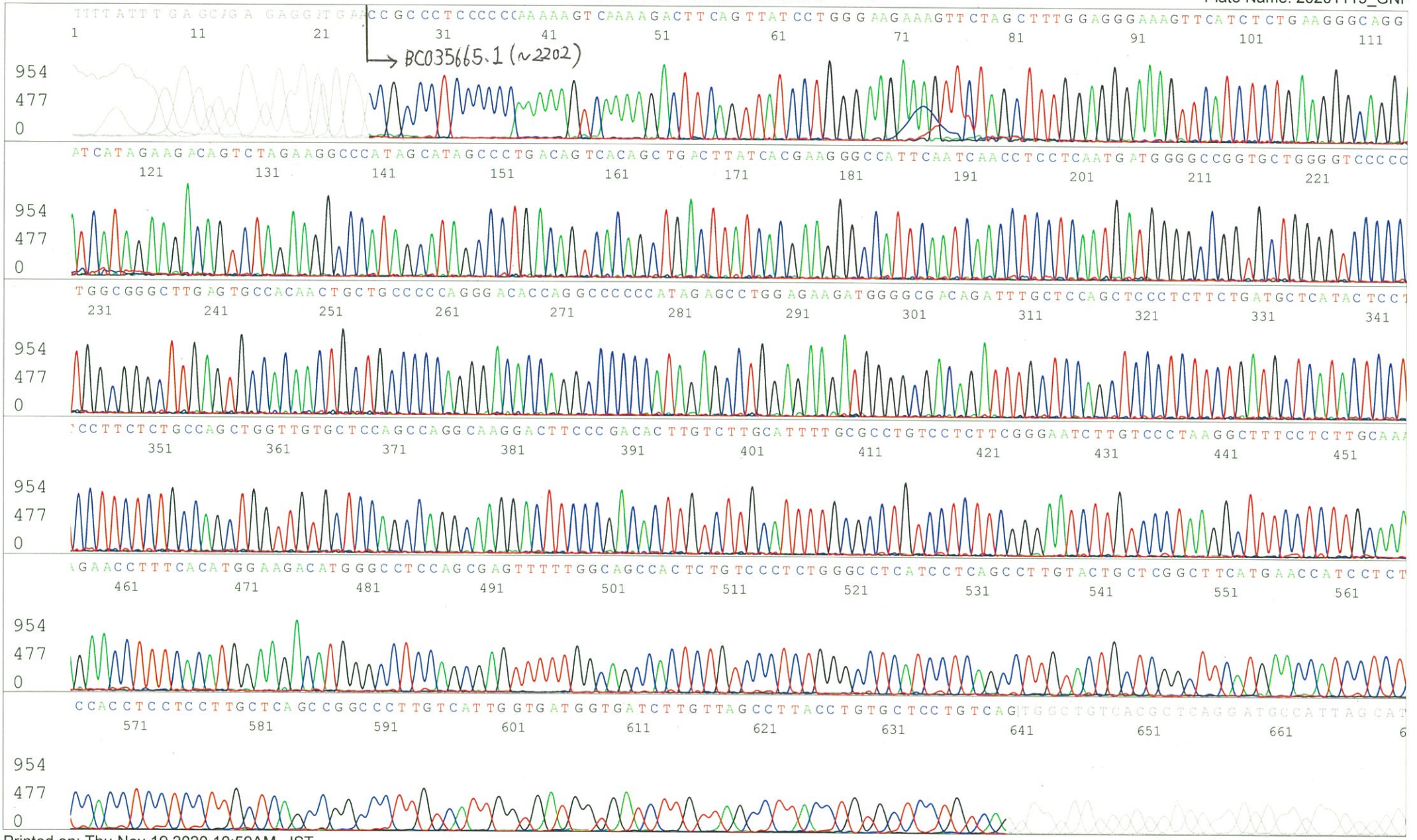


Applied Biosystems

S/N G:254 A:211 T:147 C:198
KB.bcp
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer # 33
5' TTTTTTTTTTTTTTTTTTTTT AAA 3'

7893_IRAK079G17_B0Kb_3_GNP33_A03_03_ABI24
7893_IRAK079G17_B0Kb_3_GNP33
KB_3500_POP7_BDTv3.mob
Pts 1791 to 8706 Pk1 Loc:1759
Version 6.0 HiSQV Bases: 679

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 19,2020 09:46AM, JST
Nov 19,2020 10:01AM, JST
Spacing:10.6 Pts/Panel1350
Plate Name: 20201119_GNP