Thermus thermophilus HB8 expression plasmid

RIKEN_Clone_ID : TEx20D02

Vector : pET11a

Locus tag	TTHB150
Insert size	873 bp
Product	CRISPR-associated protein Csm4

● **Plasmid DNA purification**

Date : 120515 Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120516 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● **Digestion by restriction enzyme/Concentrarion calibration**

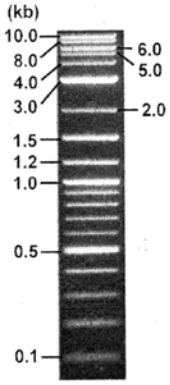
Date : 120516

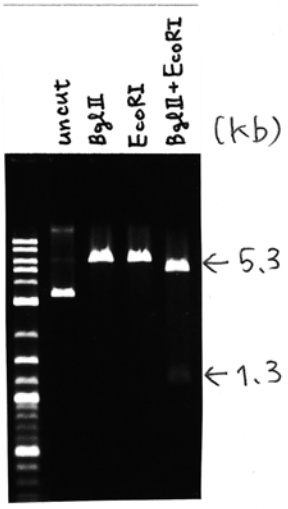
DNA concentration (O.D.): 47.8 ng/ul

DNA	1 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





<Expected digestion pattern from TEx20D02 >

5250, 1301 bp

● **Adjust plasmid DNA solution to 25 ng/ul ～preparation for shipping～**

Date : 120524 Shipped : 25 ng/ul, 40 ul

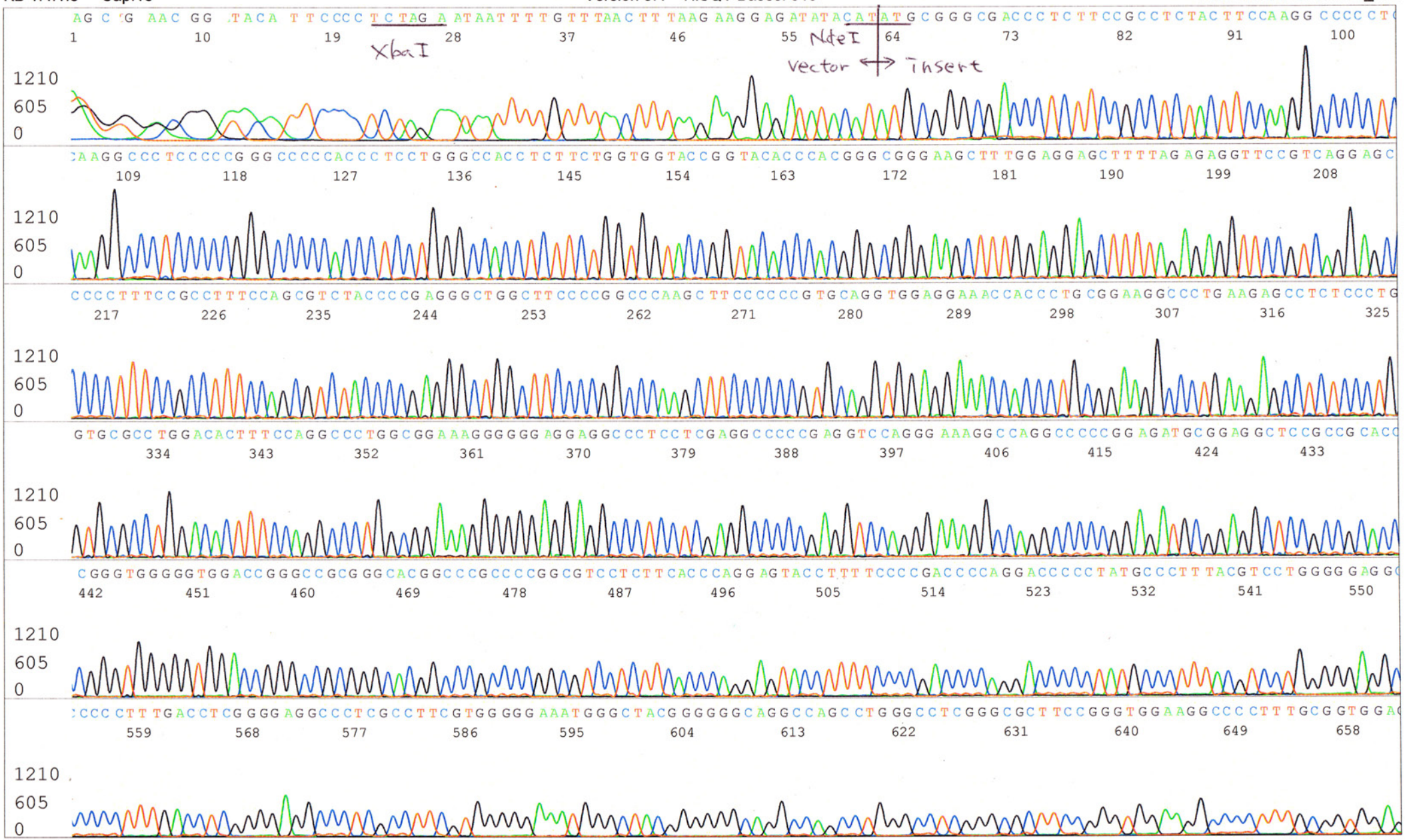
DNA (47.8 ng/ul)	66.0 ul
10x TE	12.6 ul
dH_2O	47.6 ul
Total	126.2 ul

Applied Biosystems

S/N G:408 A:199 T:257 C:429
KB.bcp
KB 1.4.1.8 Cap:13

7564_TEx20D02_T7long_E07_13
7564_TEx20D02_T7long
KB_3500_POP7_BDTv3.mob
Pts 1557 to 12571 Pk1 Loc:1534
Version 5.4 HiSQV Bases: 919

Inst Model/Name 3500/3500 Instrument
May 18,2002 09:29AM, JST
May 18,2002 09:56AM, JST
Spacing:10.94 Pts/Panel1350
Plate Name: 20120518_mix



Applied Biosystems

S/N G:898 A:427 T:517 C:838
KB.bcp
KB 1.4.1.8 Cap:16

7564_TEx20D02_T7terminator_F07_16
7564_TEx20D02_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1582 to 12694 Pk1 Loc:1559
Version 5.4 HiSQV Bases: 884

Inst Model/Name 3500/3500 Instrument
May 18,2002 09:29AM, JST
May 18,2002 09:56AM, JST
Spacing:10.99 Pts/Panel1350
Plate Name: 20120518_mix