## RIKEN_Clone_ID : RBdS154I08

Vector : pGCAP10

| Gene | KLHL2 | | |
|---|---|---|---|
| RefSeq_mRNA | NM_007246.3 | 3137 bp | 1..3137 |
| | *CDS* | 1782 bp | 260..2041 |
| | *5'-terminal sequence* | 3069 bp | 69..3137 |

### ● Plasmid DNA purification

Date : 120709 Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120710 Purification : QIAGEN Miniprep kit -> $dH_2O$ 100 ul

### ● Digestion by restriction enzyme/Concentrarion calibration

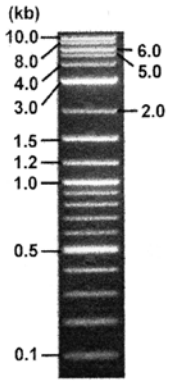
Date : 120710

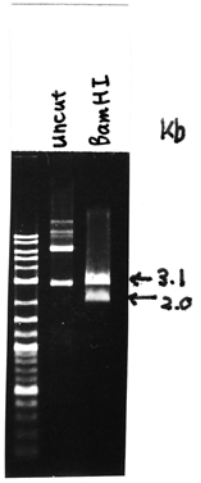
DNA concentration (O.D.): 191 ng/ul

| | |
|---|---|
| DNA | 0.5 ul |
| Enzyme (BamHI ) | 1 ul |
| Buffer H | 1 ul |
| $dH_2O$ | 7.5 ul |
| Total | 10 ul |

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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




<Expected digestion pattern from RBdS154I08 >

3138, 1983 bp (inference)

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

Date : 120712 Shipped : 25 ng/ul, 40 ul

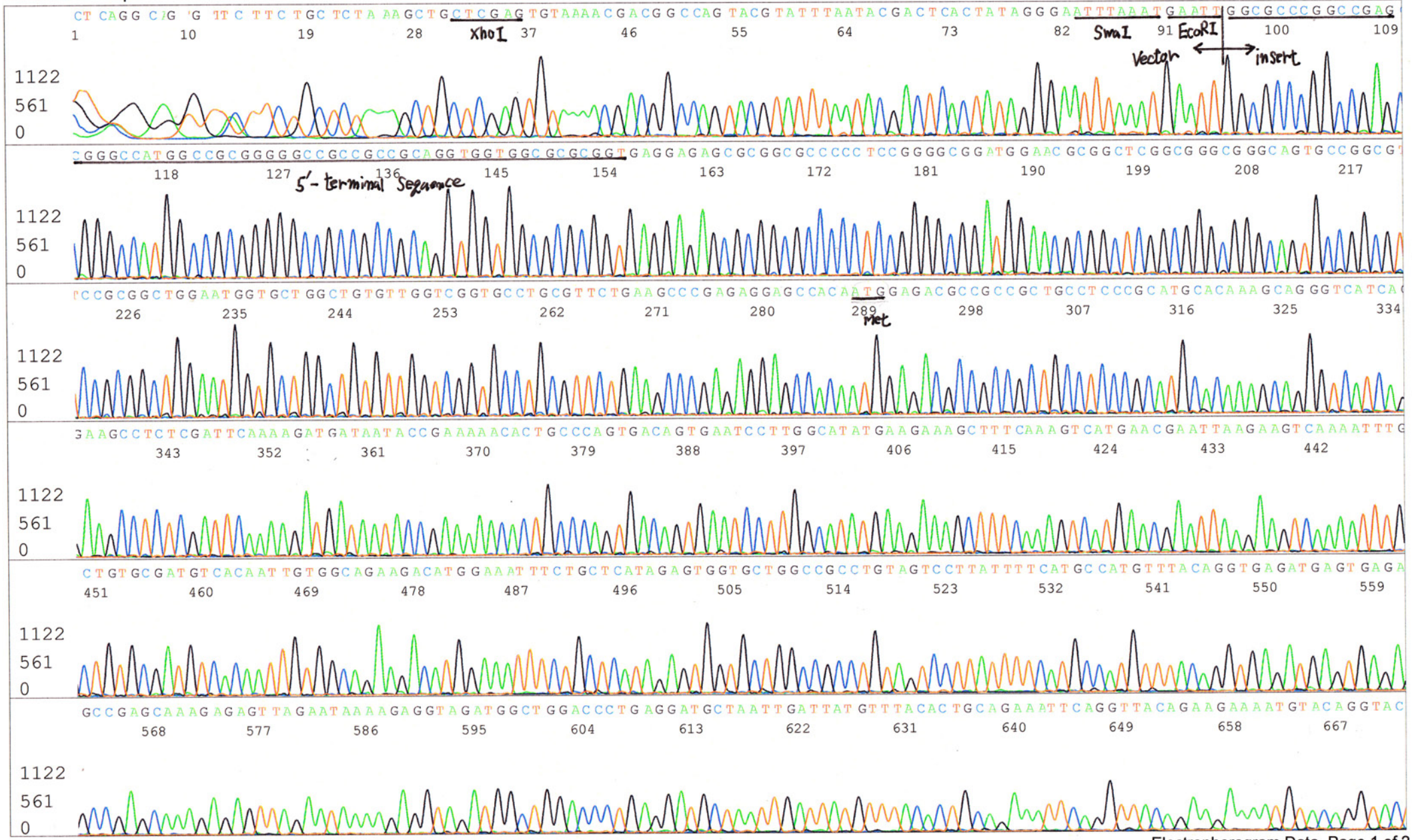
| | | |
|---|---|---|
| DNA (191 ng/ul) | 85.0 | ul |
| 10x TE | 64.9 | ul |
| $dH_2O$ | 499.5 | ul |
| Total | 649.4 | ul |

Applied Biosystems

S/N G:522 A:429 T:352 C:328
KB.bcp
KB 1.4.1.8 Cap:8

6608_RBdS154I08_pGCAP_F_C11_08
6608_RBdS154I08_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1356 to 13212 Pk1 Loc:1333
Version 5.4 HiSQV Bases: 998

Inst Model/Name 3500/3500 Instrument
Jul 11,2002 09:13AM, JST
Jul 11,2002 09:39AM, JST
Spacing:11.48 Pts/Panel1350
Plate Name: 20120711_GNP-kitaku



Applied Biosystems

S/N G:97 A:98 T:165 C:88
KB.bcp
KB 1.4.1.8 Cap:11

6608_RBdS154I08_pGCAP_R_D11_11
6608_RBdS154I08_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1345 to 13316 Pk1 Loc:1322
Version 5.4 HiSQV Bases: 217

Inst Model/Name 3500/3500 Instrument
Jul 11,2002 09:13AM, JST
Jul 11,2002 09:39AM, JST
Spacing:11.82 Pts/Panel1350
Plate Name: 20120711_GNP-kitaku

