

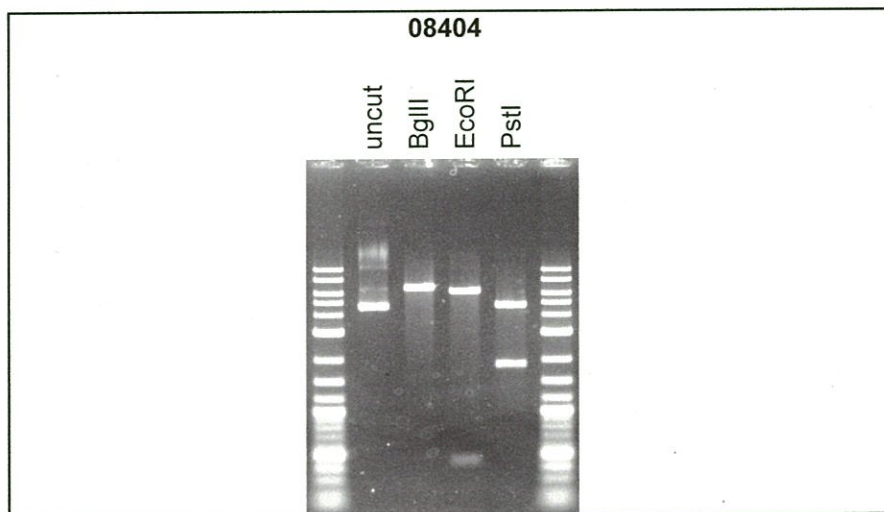
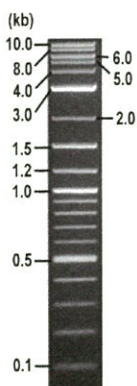


RIKEN DNA BANK

clone name : pET-G8(M)-1a

- Clone ID : RDB_08404
- Lot : 17484_A9Hs
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
<u>BglII</u>	<u>6.6</u>	kbp
<u>EcoRI</u>	<u>6.1, 0.4</u>	kbp
<u>PstI</u>	<u>4.7, 1.9</u>	kbp
		kbp

● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0723	pET-B_F	T7pro, lacO, insert5'
Sequence - B	Pr0192	pET-check-R1	T7 ter, insert3'
Sequence - C	Pr0647	lacIpro_F2	lacIpro, lacI
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

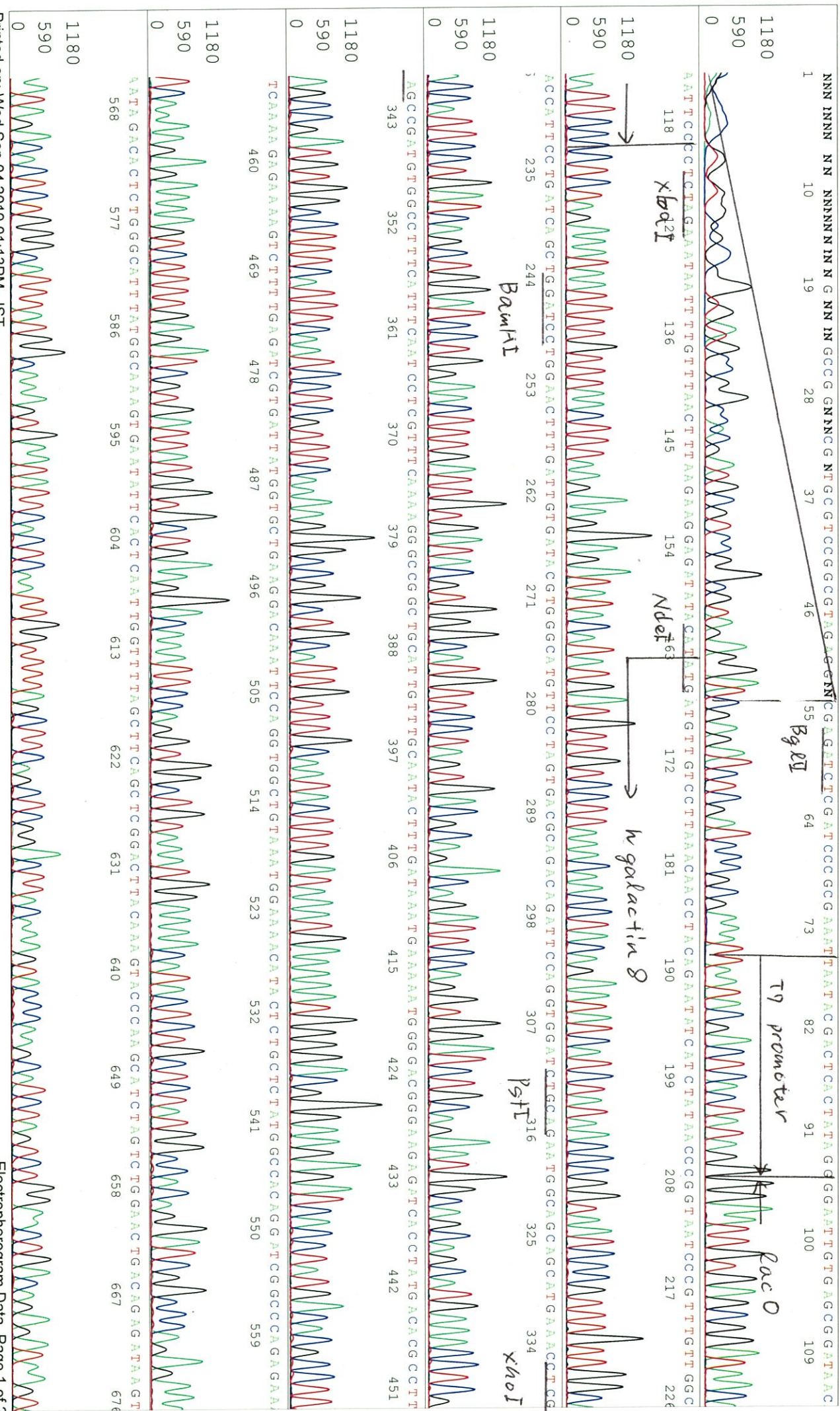
APPROVED BY :



S/N G:105 A:152 T:111 C:132 primer name **A** : PET-B_F
 KB: bcp 5' TCGGTGATGTCCGGCATATTA3'
 KB 1.4.1.8 Cap: 11

08404_17484_A9HS_2_PET-B_F
 KB_3500_POP7_BDTV3.mob
 Pts 1431 to 13459 PK1 Loc: 1408
 Version 6.0 HiSeqV Bases: 965

Sep 04, 2019 09:56AM, JST
 Sep 04, 2019 10:34AM, JST
 Spacing: 12.01 Pts/Panel1350
 Plate Name: 20190904_dhnbank



S/N G:79 A:77 T:105 C:130

primer name B : PET-check-R1

KB_bcp KB_3500_POP7_BDTV3.mob

Sep 04,2019 10:34AM, JST

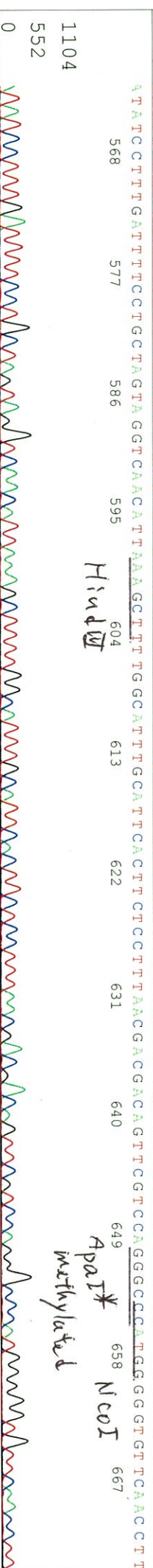
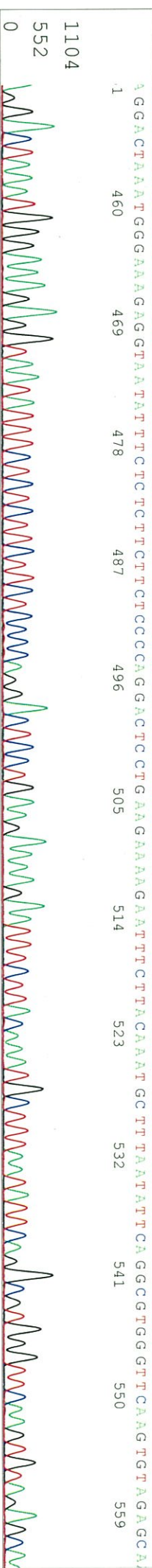
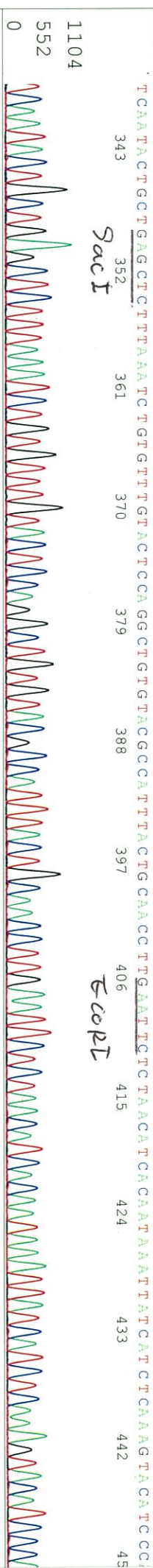
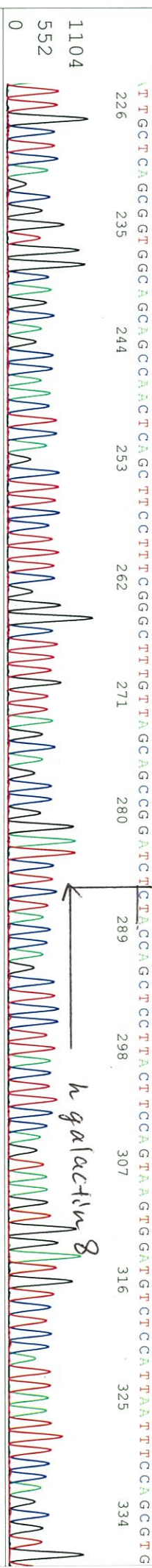
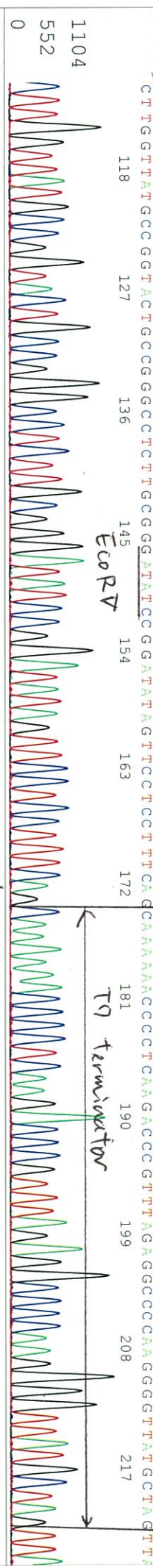
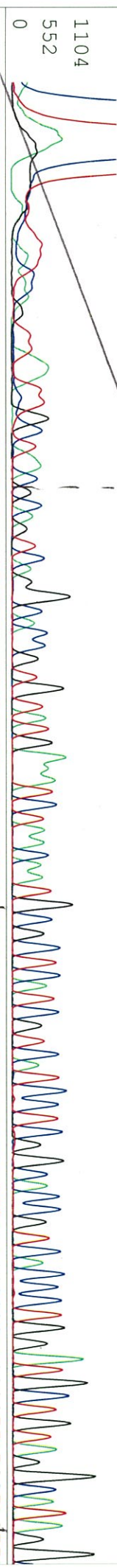
KB 1.4.1.8 Cap:14

5' GACAGCTTATCATCGATAAGCTT 3'

Pis 1382 to 13414 PK1 Loc:1359

Spacing:1.1.93 Pts/Panel1350

Version 6.0 HisQV Bases: 959 Plate Name: 20190904_dhbank



S/N G:79 A:77 T:105 C:130

08404_17484_A9Hs_2_pET-check_R1

Sep 04,2019 09:56AM, JST

KB:bcpcap:14

KB_3500_POP7_BDTV3.mob

Sep 04,2019 10:34AM, JST

KB 1.4.1.8 Cap:14

Pts 1382 to 13414 Pk1 Loc:1359

Spacing:1.1.93 Pts/Panel1350

GCAGCGAATGGCCAGCCCTAAGCTGGGGCTGCCAGACTTTGGAACTTTCTCTACTTACTCTCTCTGTCAGTTCCAGACTAGATGCTGGGTACTTTGTTAACTCCGAGCTGAG

676 685 694 703 712 721 730 739 748 757 766 775

1104 552 0

AGCTAAACCAATTGAGTGAATATTCACCTTTGCCATAAAGCCAGAGTGTCTATTTTCTCTGNNCGATCCGTGGCCATANGCANANTATGTTTCCNNTTCCAG

784 793 802 811 820 829 838 847 856 865 874 883

1104 552 0

CCACCTGNANTTGTCTCTC NNN NN CATAA TCACGATCTCAAAAGAN TTTTCTCTTTTGAAGGNGTGNCNTN NNNATNN NNCCN NTCCCCN TTTTTCAN

892 901 910 919 928 937 946 955 964 973 982 991

0 N T T N T C A A A G T A N N G N N A A N N N T G C A N N N N N N C N N T T T G A N N N N N N N N N N A N N N N N N N N N N N N N N N N

1000 1009 1018 1027 1036 1045 1054 1063 1072

1104 552 0

N N

1081 1090 1099 1108 1117 1126 1135 1144

1104 552 0

NNN N

1153 1162

1104 552 0

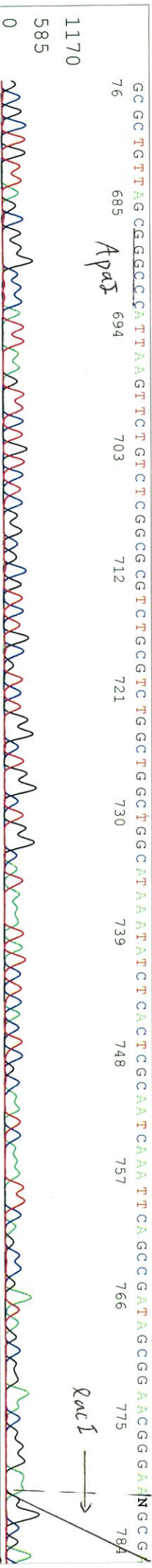
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← in galactin 8

76	685	694	703	712	721	730	739	748	757	766	775	784
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ApaI

RacI →



793	802	811	820	829	838	847	856	865	874	883	892
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0	1170	585
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901	910	919	928	937	946	955	964	973	982	991
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0	1170	585
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1000	1009	1018	1027	1036	1045	1054	1063	1072	1081
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0	1170	585
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1090	1099	1108	1117	1126	1135	1144
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0	1170	585
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1153	1162
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0	1170	585
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