

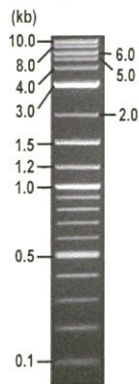


**RIKEN DNA BANK**

clone name : **pEGFP-C1-Rab27A**

- **Clone ID** : RDB\_17273
- **Lot** : 17273\_A9E1
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **Culture** : LB medium
- **Antibiotics** : 25 microgram/ml kanamycin
- **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	Unit
<b>KpnI</b>	<b>5.4</b>	kbp
<b>NheI</b>	<b>5.4</b>	kbp
<b>KpnI+NheI</b>	<b>3.9, 1.5</b>	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	Pr0402	EGFP-C2	EGFP 3', insert5'
Sequence - B	Pr0623	SV40polyA_R2	insert 3'
Sequence - C	Pr0016	CMV_Forward	CMV pro, EGFP 5'
Sequence - D	Pr0154	SV40pro_F_V2	SV40pro_ori, NeoR_KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:168 A:204 T:167 C:2 primer name A : EGFP-C2

KB bcp KB\_3500\_POP7\_BDTV3.mob

May 29, 2019 05:45PM, JST

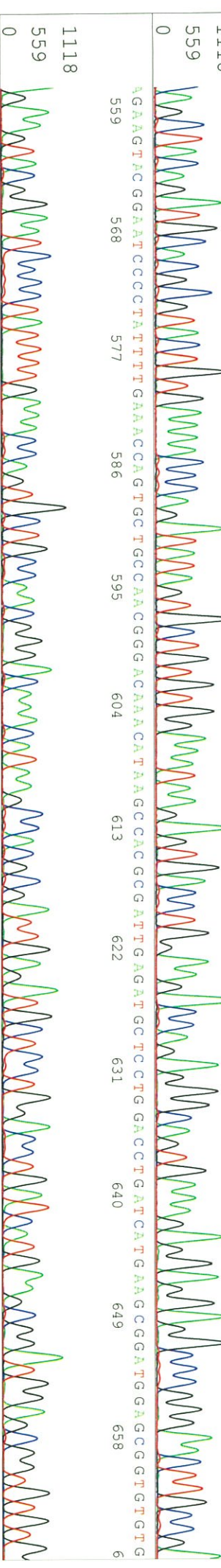
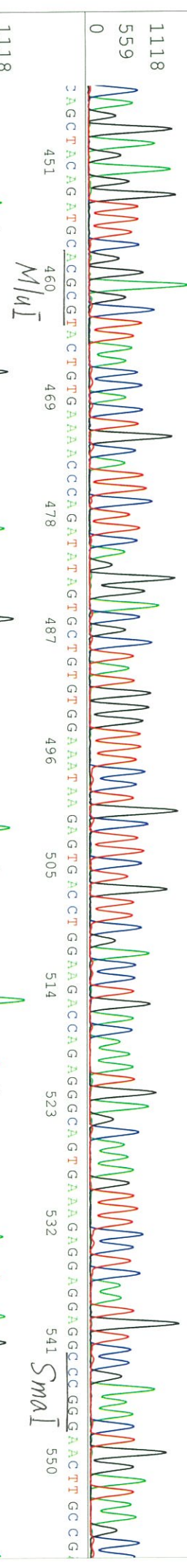
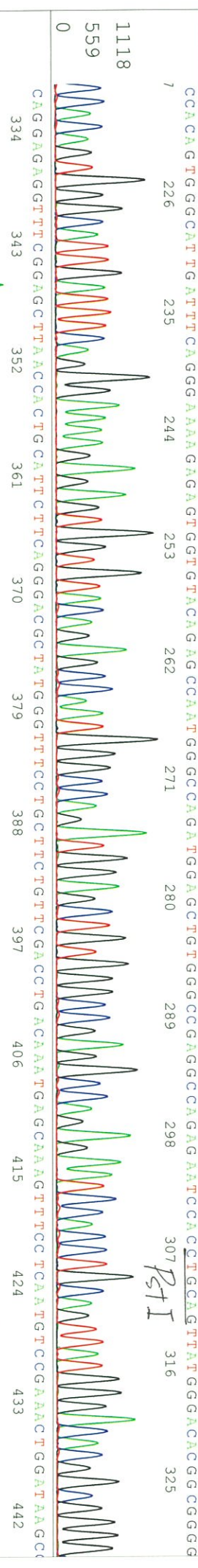
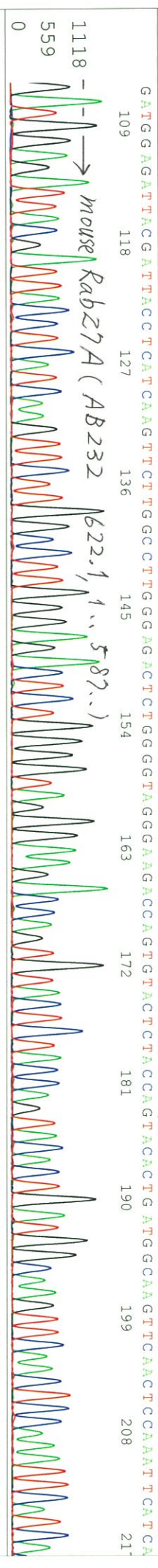
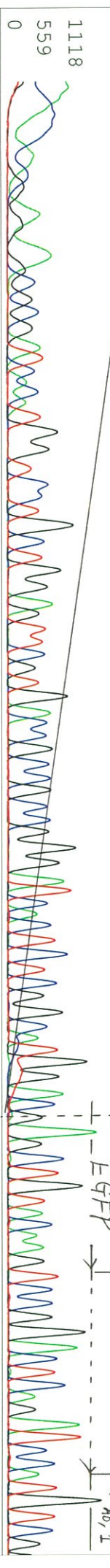
KB 1.4.1.8 Cap:14

5'-ACTACCTGAGCACCCAGTCC-3'

Pts 1521 to 12736 PK1 Loc:1498

May 29, 2019 06:12PM, JST

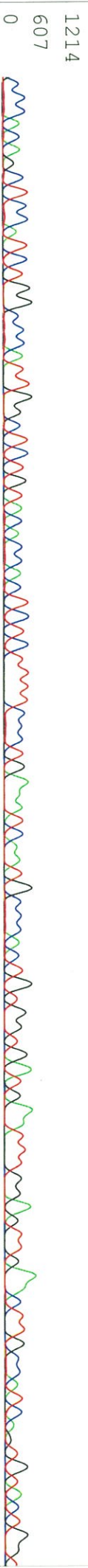
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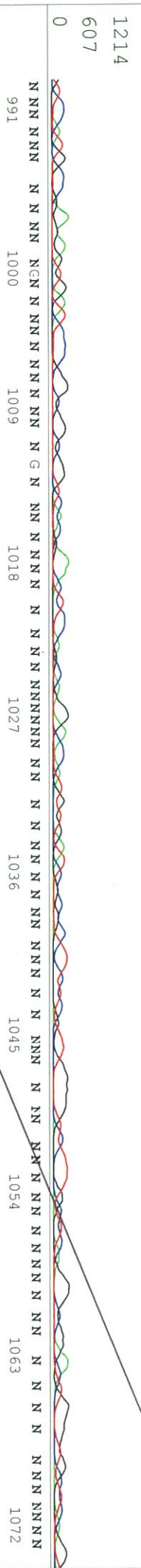


CCACAGCTCCATCTGGCCCATTTGGCTCTGTACACCACTCTCTTCCCTGAAATCAATGCCCACTGTGTGATGAAATTTGAGTTGAACTTGCCATCA GTGTACTG



A8,59  
m Rab 27A

TAGAGTACACTGGTCTTCCCTANCCAGANTCTCCCANAGCCNAGAACTTGATGANGTAA TCCGNAATCTCCATCCNANATGGNTCTGAN TNCGGANTNCTAGCTTC



NNCATGCCNANANNGATCCN NNNNNNNGNCNNNAACTNNN NCIN NNNNTTNGNTNCCN C NN C NN NNN NGGNNTTGN T CN NN N NN NN GN NNNNN N



S/N G:252 A:301 T:206 C primer name C : CMV\_Forward

D06280G1\_A9E1\_2\_CMV\_Forward

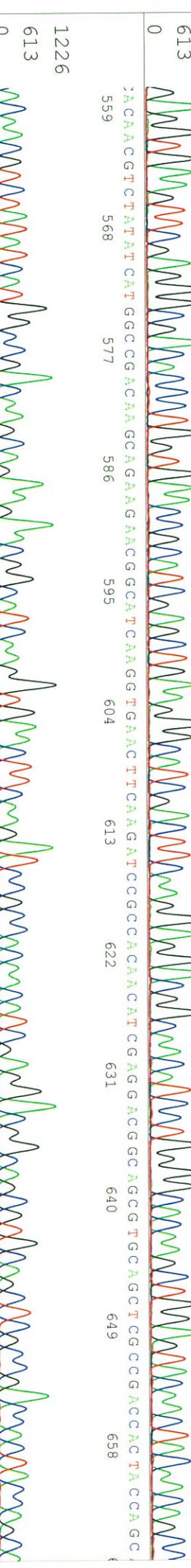
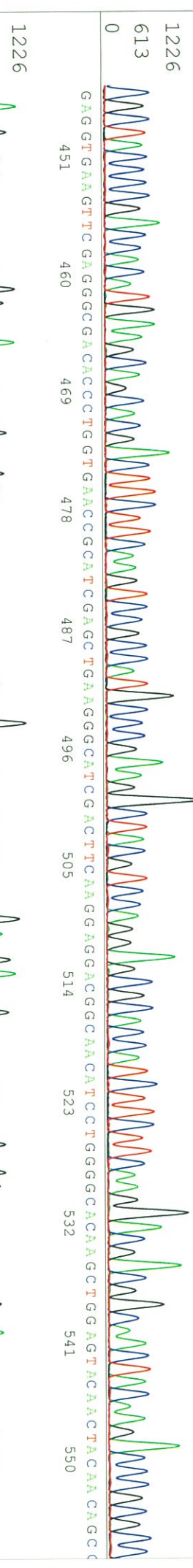
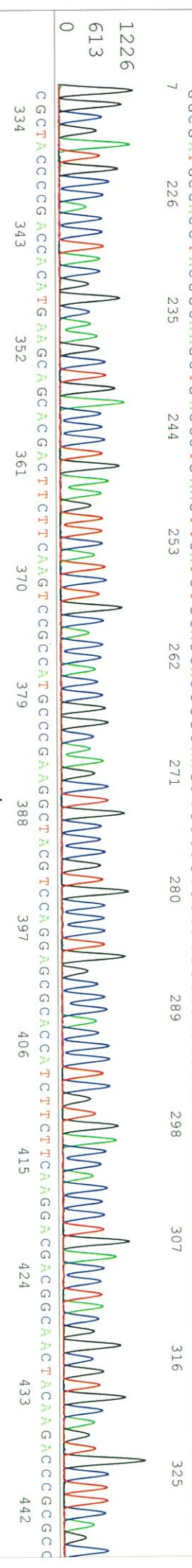
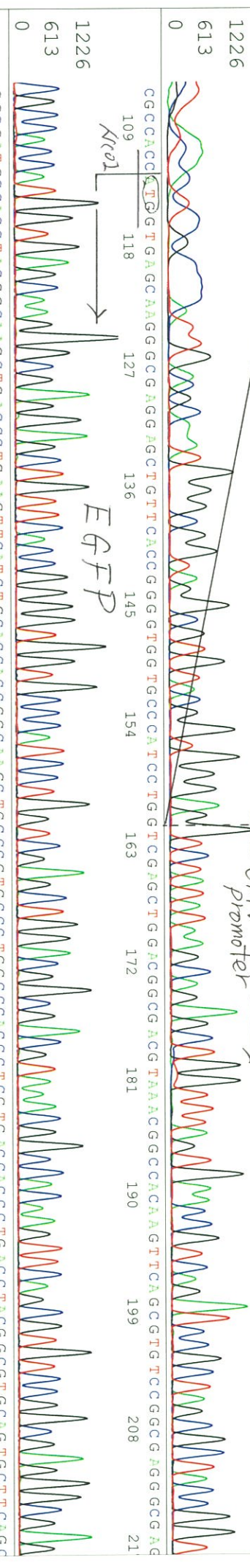
May 29, 2019 05:45PM, JST

KB.bbp KB 1.4.1.8 Cap.20 5'-GCACCAAAATCAACGGGACTT-3'

KB\_3500\_POP7\_BDTv3.mob

May 29, 2019 06:12PM, JST

1 10 19 28 37 46 55 64 73 82 91 100  
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S/N G:252 A:301 T:206 C:438

D06280G1\_A9EI\_2\_CMV\_Forward

KB\_3500\_POP7\_BDTV3.mob

Pts 1506 to 12604 Pk1 Loc:1483

Version 6.0 HISQV Bases: 945

May 29, 2019 05:45PM, JST  
May 29, 2019 06:12PM, JST  
Spacing: 11.19 Pts/Panel1350  
Plate Name: 20190529\_Kitaku

KB.bcp

KB 1.4.1.8 Cap:20

AGAACACCCCTCCATCGGGGACGGCCCGCTGCTGGCCGACACACCACTAACCACCCAGTCCCGCCCTGANCAAGANCCCAACGAGAAAGCCCGATCACATGG  
567 676 685 694 703 712 721 730 739 748 757 766

E GFP



TCCGTGGANTTCGTGACCCGCCCGCGGNTCACTCTCGGCATGGACGANCTGTACAANTCCGGANTCAGNNCAATGTCGGANGANANTACNANT  
775 784 802 811 820 829 838 847 856 865

ACNNCAATCNNNTTCTNNGNNTNGGANANTCNNGGGGTNNGNNAANNNNNTCNANNAANNNNNNNGNNTNTNNNNNNNN  
874 883 892 901 910 919 928 937 946 955

AANNNNNANNNNNNNNNGGNNGGNNN  
964 973 982 991 1000 1009 1018 1027

NN  
1036 1045 1054 1063 1072 1081

NN  
090







S/N G:474 A:200 T:183 C:298

KB.bcp

KB 1.4.1.8 Cap:15

TCTGGATTTCATCCGACGTGGCCCGGCTGGGTGGTGGCCGACCGCTATCAGACATA GCGTTGGCTACCCTGATATGCTGAAGAGCTTGGCCGCGAATGGGCTGANCGC

76 685 694 703 712 721 730 739 748 757 766 775 78

*Kan R / Neo R*

FTCCCTGGTGGCTTTACGGTATCGCCCGCTCCCGATTCCGACGCGCATCGCCCTCTATCGCCCTTCTTGAACGAGTTCTCTCTGANCGGGANTCTGGGTTGGAATGANC

4 793 802 811 820 829 838 847 856 865 874 883 893

AAAGC GACGCCCAACCTGNNTCCNGAGATTTCNANNNCCGCGCCCTCTCTATGAANNNTTGGNNTTCCNANNNNTTTNNCNAGNANNCCNNTTGGNTGNNNT

12 901 910 919 928 937 946 955 964 973 982 991

NNNCGCNGGGNNNNNNNGCTGGNN

1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

NN

1090 1099 1108 1117 1126 1135 1144

NN

1153 1162

