

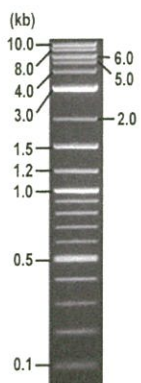


RIKEN DNA BANK

clone name : pFN18A-HP1a-Chromo-Halo

- Clone ID : RDB _ 15211
- Lot : 15211 _ A8Ks
- 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>BglIII</u>	<u>4.2</u> kbp
<u>SmaI</u>	<u>3.9, 0.3</u> kbp
<u>EcoRI</u>	<u>3.1, 1.1</u> kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	Halo-C_F	Sequence - E	-
Sequence - B	rrnBT1ter_F	Sequence - F	-
Sequence - C	pTrcHis-R	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



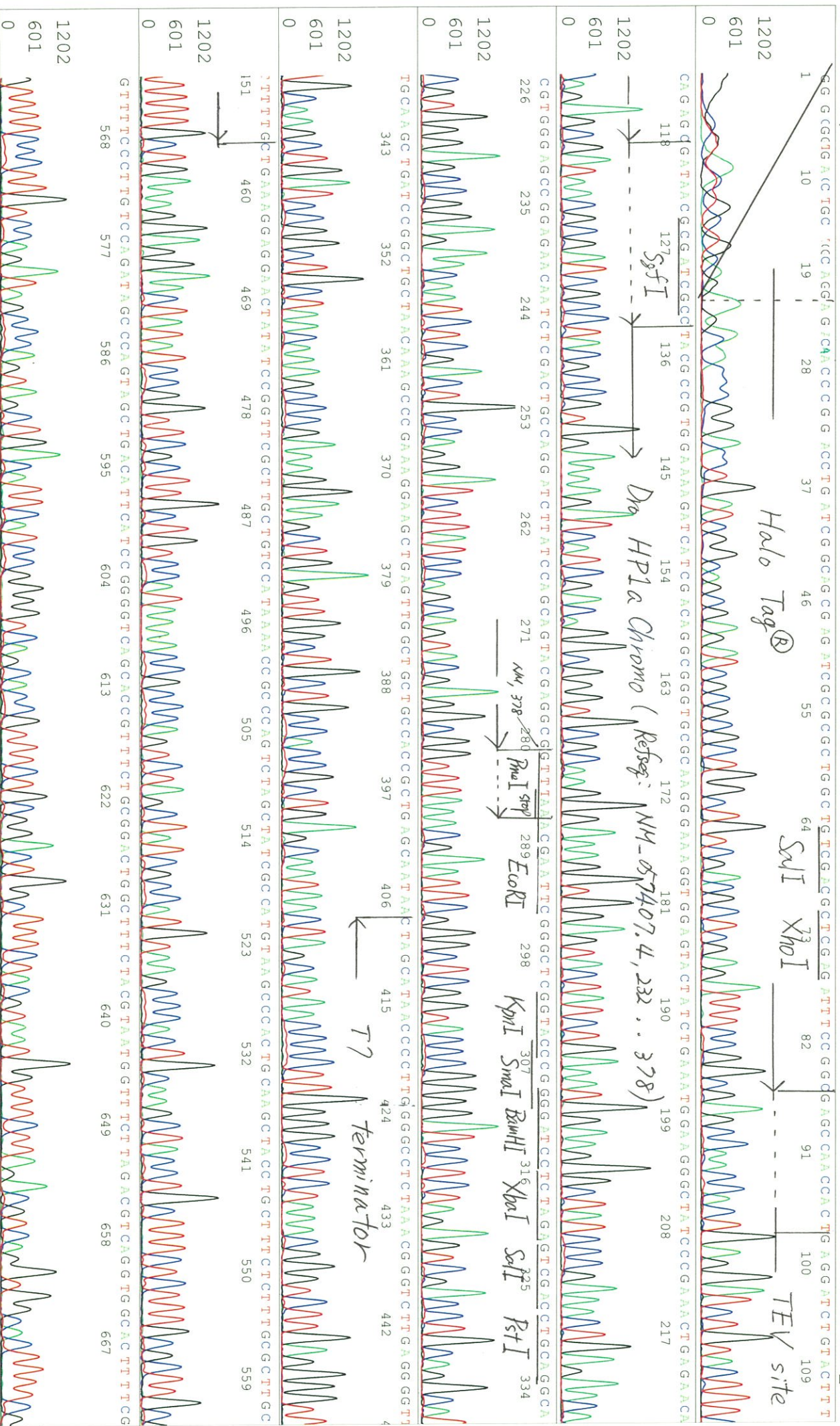
S/N G:82 A:99 T:90 C: primer name **A** : Halo-C_F

KB.bcp

KB 1.4.1.8 Cap:17

5- AACTGCACAGGCTGTGGACATCG -3'

Pis 1377 to 13203 Pk1 Loc:1354
Version 6.0 HISQV Bases: 1010



S/N G:82 A:99 T:90 C:84

D04544B1_A8Ks_1_Halo-C_F

Dec 05,2018 12:03PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Dec 05,2018 12:32PM, JST

KB 1.4.1.8 Cap:17

Pls 1377 to 13203 PK1 Loc:1354

Plate Name: 20181205_kitaku

GGGAAATGTGGCGCGGAACCCCTATTGTTTATTTTCTAAATACATTCAAATATGTTATCCGCTCATGAGACCAATAAACCCTGATAAATGCTTCAATAATTGAAAAAGG

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

1202 601 0

AAAGATCTGAGTATTCAAATTTCCGTGTCGCCCTTATTTCCCTTTTCCGGCATTTTGCCCTTCCGTTGTTTGGTCAACCAAAAAGGATGG

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

1202 601 0

TGAAGATCAGTTGGGTGCAAGAGTGGGTTTACATCGAATCTGGATCTCAAAGCGGTAAAGATCCTTGAGAGTTTTTCCGCCCGGAAGAAAGTATTGAT

892 901 910 919 928 937 946 955 964 973 982

1202 601 0

3AGCACTTTCAAAGTCTGCTATGTTGGCGCGGTAAATATCCCGTATTTGACGCCGGGCAGGAGCAAATCGCGTCCGCCGATACCACTAAATTTCT

991 1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

1202 601 0

TCAAGATGACTTTGGTTGAGTAC TCA CAGTTTCAAGAAAGCAATCTTACTGGATGGTCAATGACATG

381 1090 1099 1108 1117 1126 1135 1144

1202 601 0

AGAGAAATTAATG

1153 1162

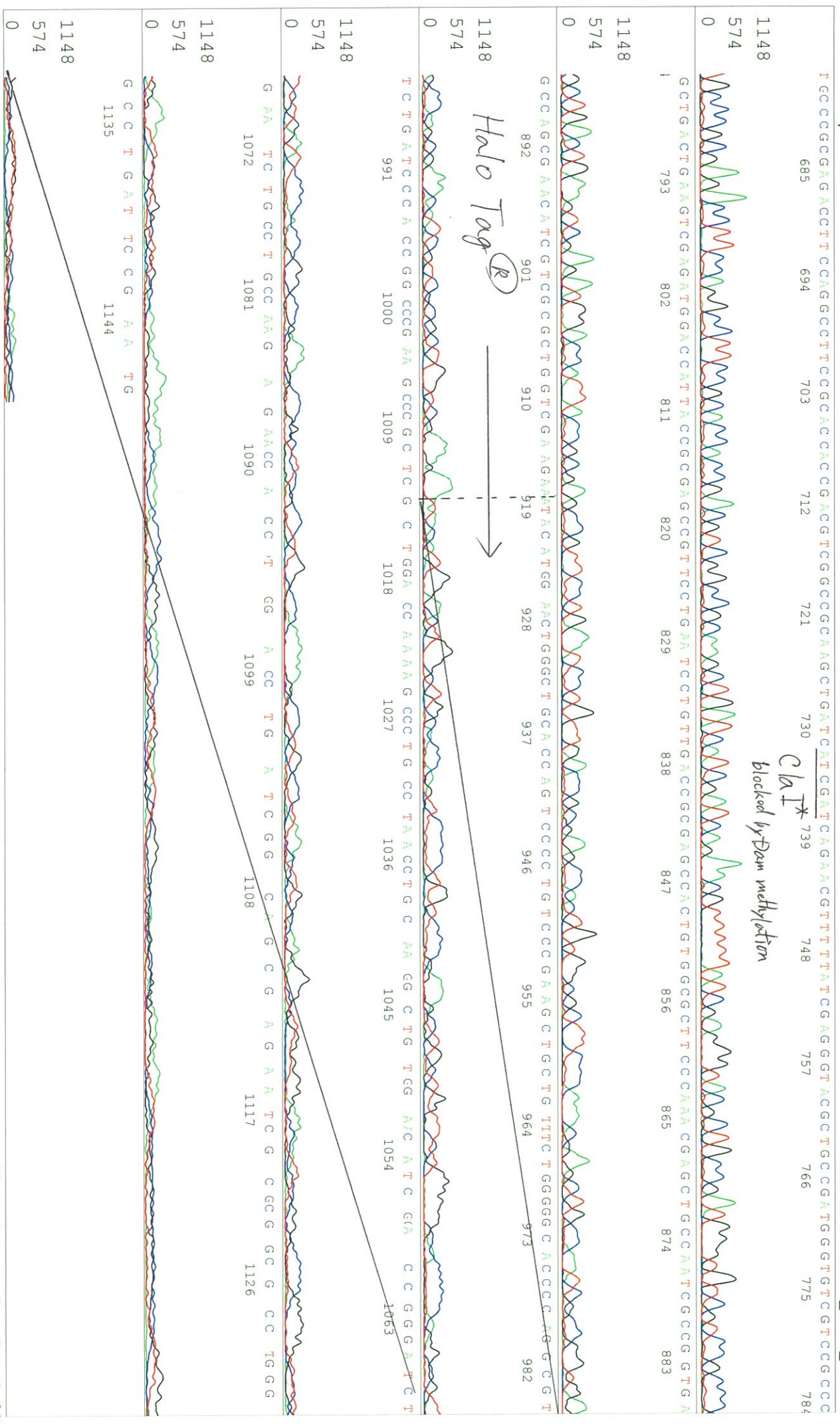
1202 601 0

AGAGAAATTAATG

1153 1162



blocked by Dam methylation
*Clai**



S/N:G:260 A:327 T:269 C:30 primer name C : pTrchIS-R

D04544B1_A8ks_1_pTrchIS-R
KB_3500_POP7_BDTV3.mob
Pis 1382 to 13186 Pk1 Loc:1359

Dec 05,2018 12:03PM, JST
Dec 05,2018 12:32PM, JST
Spacing: 11.74 Pts/Panel1350

KB.bcp
KB 1.4.1.8 Cap.20

5'-CCGCTTCTGCGTTCTGATTTAATC-3'

Version 6.0 HISQV Bases: 1014

Plate Name: 20181205_kitaku



S/N G:250 A:327 T:269 C:308

D04544B1_A8ks_1_pTrchIS-R

Dec 05,2018 12:03PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Dec 05,2018 12:32PM, JST

KB 1.4.1.8 Cap:20

Pls 1382 to 13186 Pk1 Loc:1359

Spacing:1.1.74 Pls/Panel1350

Version 6.0 HiSQV Bases: 1014

Plate Name: 20181205_kitaku

