Microbial Genomic DNA

RIKEN DNA Bank catalog #

JGD : **08120**

Lot # : **21259_B6Da**

Strain : **JCM 8966 T**

Organism : ***Haloarcula marismortui***

1. Shipping

Volume : **20** uL

2. Concentration of Genomic DNA

Concentration (OD 260) : **249** ng/uL

A260 / A280 : **1.93**

3. Electrophoresis of Genomic DNA

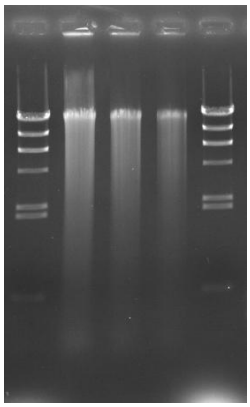
Date : 2026/5/11

Electrophoresis : 1% agarose gel, 1x TAE buffer

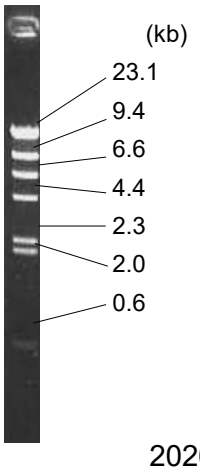
Loading DNA amount : 2.0, 1.0, 0.5 uL/lane

size marker : Lambda / HindIII (200 ng/Lane)

2.0, 1.0, 0.5 (uL)



Marker (Lambda / HindIII, NEB#3012S)



4. PCR Amplification

Date : 2026/5/11

Conditions of PCR Ribosomal RNA (rRNA) gene

Templete : 100 fold diluted DNA, 1 uL

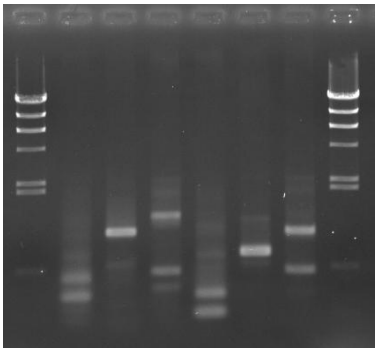
Enzyme : KOD plus (TOYOBO)

Volume : 20 uL

Reaction program :

	94 degC	2 min
x 30 cycle	94 degC	15 sec
	60 degC	30 sec
	68 degC	60 sec
	68 degC	2 min

(1) (2) (3) (4) (5) (6)



PCR primers for rRNA gene

A-20F	5'- TCCGGTTGATCCTGCCG -3'
A-340F	5'- CCCAGGCCCTACGGG -3'
A-520R	5'- GTATTACCGCGGCGGCTG -3'
A-1100R	5'- CGGGTCTCGCTCGTT -3'
A-1400R	5'- GACGGGCGGTGTGTGC -3'

Reference: Please visit online-manual site below.

http://dna.brc.riken.jp/en/manualen/manual_genom_dna

Sample Number

	A-20F	A-340F
A-520R	**(1)**	**(4)**
A-1100R	**(2)**	**(5)**
A-1400R	**(3)**	**(6)**

Electrophoresis : 1% agarose gel, 1x TAE buffer

Loading DNA amount : 3 uL PCR product/Lane

Size marker : Lambda / HindIII (200ng/Lane)

5. Nucleotide sequence of rRNA gene

■ Confirmed Date : 2026/5/11