

Microbial Genomic DNA

Strain: JCM 15637T
Organism: *Prevotella histicola*

RIKEN DNA Bank catalog #

JGD 12443

Lot # : 12443_A3K8

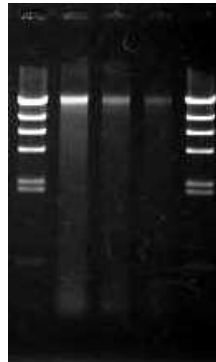
Final concentration	50	ng/ul
Shipping amount	20	ul

1. Electrophoresis of Genomic DNA

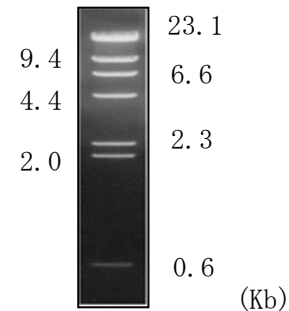
Date : 2014/1/15

Electrophoresis : 1% agarose gel, 1x TAE buffer
Loading DNA amount : **100, 50 and 25** ng/lane
Size marker : Lambda/HindIII (200 ng/lane)

100 50 25



Marker
Lambda/HindIII
(NEB#N3012S)



2. PCR Amplification

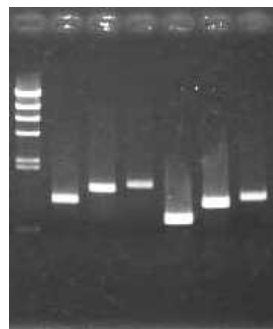
Date : 2014/1/31

Conditions of PCR ribosomal RNA (rRNA) gene

Template : **50** fold diluted DNA, 1 ul
Enzyme : KOD Plus (Toyobo)
Volume : 20 ul

Reaction program: 94 degC 2 min
x30 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

16S rRNA Eubacteria set	
EB-20F	5' AGTTTGATCCTGGCTC 3'
EB-350F	5' TACGGGAGGCAGCAG 3'
EB-1100R	5' AGGTTGCGCTCGTTG 3'
EB-1400R	5' ACGGGCGGTGTGTAC 3'
EB-1530R	5' AAGGAGGTGATCCAGCC 3'

Sample Number

	EB-20F	EB-350F
EB-1100R	(1)	(4)
EB-1400R	(2)	(5)
EB-1530R	(3)	(6)

Electrophoresis : 1% agarose gel, 1x TAE buffer
Loading DNA amount : **5** ul PCR product/lane
Size marker : Lambda/HindIII (200 ng/lane)

3. Nucleotide sequence of rRNA gene

 Confirmed date : 2014/2/5