



Certificate of DNA analysis

Sample Code: PI

Nucleotide synthesis by : Bioneer, Korea

Database identification : National Center for Biotechnology Information (NCBI), USA

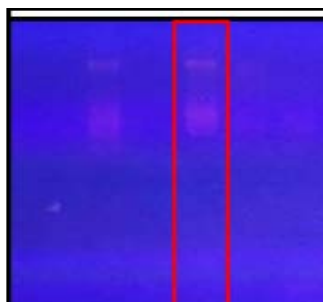
Nucleotide region : Internal transcribed spacer

Forward primer : ITS1(5'-TCCGTAGGTGAACCTGCGG-3')

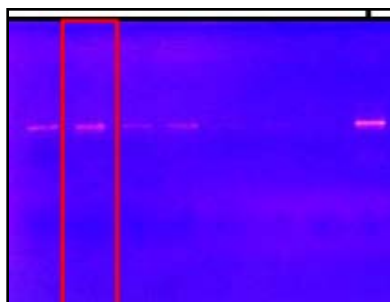
Reverse primer : ITS4 (5'-TCCTCCGCTTATTGATATGC-3')

Nucleotide length : 686 bp.

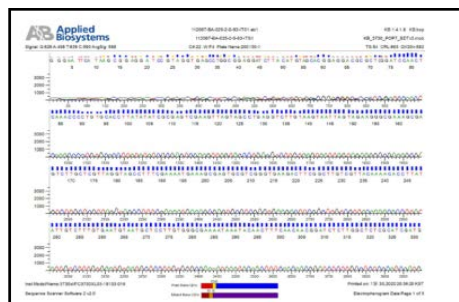
Identify result : *Phellinus igniarius* (98.11%)



Genomic DNA



PCR product



Nucleotide synthesis

Job Title Nucleotide Sequence

RID [AT4AVH97013](#) Search expires on 08-03 15:57 pm [Download All](#) ▼

Program BLASTN [Citation](#) ▼

Database nt [See details](#) ▼

Query ID lcl|Query_170169

Description None

Molecule type dna

Query Length 686

Other reports [Distance tree of results](#) [MSA viewer](#) ?

Filter Results

Organism only top 20 will appear ☐ exclude

Type common name, binomial, taxid or group name

[+ Add organism](#)

Percent Identity to **E value** to **Query Coverage** to

[Filter](#) [Reset](#)

Descriptions Graphic Summary Alignments Taxonomy

Sequences producing significant alignments Download ▼ Select columns ▼ Show 100 ▼ ?

☒ select all 100 sequences selected

	Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
☒	Phellinus igniarius isolate FS656169 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8...	Phellinus igniarius	1194	1194	100%	0.0	98.11%	708	HM584809.1
☒	Phellinus igniarius strain 34014DRJ 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8...	Phellinus igniarius	1170	1170	100%	0.0	97.54%	721	MF782801.1
☒	Phellinus cf. igniarius strain 34514bDRJ 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8...	Phellinus cf. igniarius	1153	1153	100%	0.0	97.10%	721	MF782802.1
☒	Phellinus sp. isolate TMEF11 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and intern...	Phellinus sp.	1144	1144	96%	0.0	98.04%	665	OL678077.1
☒	Phellinus igniarius genomic DNA sequence contains 18S rRNA gene, ITS1, 5.8S rRNA gene, ITS2, 28S rRNA gene...	Phellinus igniarius	1133	1133	97%	0.0	97.19%	688	LN714586.1
☒	Phellinus igniarius strain HAI 0785 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5...	Phellinus igniarius	1120	1120	99%	0.0	96.37%	706	GQ253465.1
☒	Phellinus igniarius var. trivialis strain CBS 512.63 internal transcribed spacer 1, 5.8S ribosomal RNA gene, and inte...	Phellinus igniarius	1120	1120	95%	0.0	97.58%	669	AY558624.1