

**16S/18S/ ITS & 26S rRNA FULL SEQUENCING**

**DESCRIPTION**
Analysis on sequences and confirmation of microorganism’s homogenic data using rRNA database (NCBI) after amplification of Bacteria or Fungi’s RNA ribosomal.

**FEATURES**
All processes including Bacteria/Fungi gDNA extraction, PCR amplification, sequencing, and assembly.

**BACTERIA**
PCR on 16S rRNA using 27F and 1492R primers; and yielding of 1,300bp or more sequencing data using internal primers 785F, 907R. Basic processing will involve usage two primers 785F and 907R. Client will be allowed to select different additional primers for more sequencing reactions.

**FUNGI**
1. Analysis on 18S rRNA region sequences; length greater than 1,600 bp guaranteed.
2. Analysis on ITS region (18S prior to update); length greater than 500 bp guaranteed.
3. Analysis on 26S rRNA gene(D1/D2/D3 region) length greater than 1,300 bp guaranteed.

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