**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | Microorganism from different environment |
| Sample Type | Purified genomic DNA Sample from fresh tissues |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 350 bp insert DNA library |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT working days upon next day after the library preparation confirmation from client |

1. Sample Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample Type | Remarks | Amount | Volume | Concentration | Purity |
| Genomic DNA | Strongly Recommended | ≥2 μg | ≥30 μL | ≥20 ng/μL | OD260/280=1.8-2.0 |
| Required | ≥1 μg | ≥20 μL | No degradation or RNA contamination |
| Solid | Strongly Recommended | ≥3 g | - | - | - |
| Required | ≥1 g | - | - | - |
| Stools | Strongly Recommended | ≥2 g | - | - | - |
| Required | 1 g | - | - | - |
| Water | Strongly Recommended | 3 Slides | - | - | - |
| Required | 1 Slide | - | - | - |
| Rumen | Strongly Recommended | 3-5 mL | - | - | - |
| Required | 2 mL | - | - | - |