**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | Purified genomic DNA sample from tissues |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 350 bp insert DNA library |
| Data Output | DATA\_OUTPUT G raw data/sample |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT working days starting after we receive the library preparation confirmation from client |

1. Sample Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample Type | Remarks | Amount | Volume | Concentration | Purity |
| Genomic DNA | Strongly Recommended | ≥2 μg | ≥20 μL | ≥50ng/μL | OD260/280=1.8-2.0 |
| Required | ≥1 μg | ≥20μL | No degradation or RNA contamination |
| Genomic DNA (PCR-free) | Strongly Recommended | ≥3 μg | ≥30μL | ≥50ng/μL | OD260/280=1.8-2.0 |
| Required | ≥1.5 μg | ≥30μL | No degradation or RNA contamination |
| Thalli Sample | Volume | ≥4ml | - | - | - |
| Fungal Hyphae | Weight | ≥0.5g | - | - | - |