**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | RNA Sample |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 250~300 bp insert VAR\_LIBRARY\_TYPE library |
| 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 | RIN | Concentration | Purity |
| Total RNA sample | Required | ≥0.4 μg | ≥20μL | ≥ 6.8（animal）, ≥ 6.3(plant and fungus); with smooth base line | ≥20ng/μL | OD260/280≥2.0 OD260/230 ≥ 2.0  No degradation or contamination |
| Animal Fresh Tissue | Required | ≥150 mg | - | - | - | - |
| Plant Fresh Tissue | Required | ≥250 mg | - | - | - | - |
| Cells | Required | ≥2.5×106 | - | - | - | - |

**Note:** Requirement in above table is for non-stranded eukaryotic mRNA library; for stranded eukaryotic mRNA library, please double the required sample amount.