**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | Purified total RNA samples |
| Sample Number | SAM\_NUM\_1 |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT working days starting after we receive the library preparation confirmation from client |

1. Sample Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample Type | Amount (Qubit) | Concentration (Qubit) | RIN  (Agilent 2100) | Note |
| Purified total RNA | ≥5μg | ≥300 ng/μL | ≧9 | Purity and concentration should be measured by Qubit  OD260/280=1.8-2.2  OD260/230>1.8  28s/18s≥1.5  Nc/Qc≤2.0  No degradation or DNA contamination |
| Animal Fresh Tissue | Strongly Recommended | ≥1 g | - | - |
| Required | ≥600 mg |
| Plant Fresh Tissue | Strongly Recommended | ≥2 g | - |
| Required | ≥1 g |
| Cells | Strongly Recommended | ≥5×107 | - |
| Required | ≥1×107 |