**Technical Terms:**

1. Overview of Service

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| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | Purified genomic DNA sample |
| Sample Number | SAM\_NUM\_1 |
| Library Type | PCR-free library(NEB Next® UltraII DNA Library Prep Kit.) |
| 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  (Qubit) | Volume | Concentration | Purity |
| PCR product | Strongly Recommended | ≥3 μg | ≥30 μL | ≥20 ng/μL | OD260/280=1.8-2.0  No degradation or RNA contamination |
| Required | ≥1.5 μg | ≥20 μL |
| Genomic DNA | Strongly Recommended | ≥10 μg | ≥30 μL | ≥20 ng/μL | OD260/280=1.8-2.0  No degradation or RNA contamination |
| Required | ≥5 μg | ≥20 μL |
| Genomic DNA  (Low-input) | Strongly Recommended | ≥10 μg | ≥30 μL | ≥20 ng/μL | OD260/280=1.8-2.0  No degradation or RNA contamination |
| Required | ≥5 μg | ≥20 μL |