**Technical Terms:**

1.Overview of Service

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| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | Purified genomic DNA Sample/from tissue |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 200~400 bp insert **bisulfite treat** DNA library |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT working days starting after we receive the library preparation confirmation from client |

2. Sample Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample Type | Remarks | Amount | Volume | Concentration | Purity |
| Genomic DNA (reference genome size ≤ 1.5G) | Strongly Recommended | ≥6 μg | ≥40 μL | ≥20ng/μL | OD260/280=1.8-2.0  No degradation or RNA contamination |
| Required | ≥3 μg | ≥20μL |
| Genomic DNA (reference genome size＞1.5G) | Strongly Recommended | ≥10 μg | ≥40 μL | ≥20ng/μL | OD260/280=1.8-2.0  No degradation or RNA contamination |
| Required | ≥5 μg | ≥20μL |
| Fresh Animal Tissue | Strongly Recommended | ≥2 g | - | - | - |
| Required | ≥1 g | - | - | - |
| Fresh Plant Tissue | Strongly Recommended | ≥4 g | - | - | - |
| Required | ≥2 g | - | - | - |
| Cells | Counts | ≥1×107 | - | - | - |
| Blood (Mammal) | Volume | ≥2 mL | - | - | - |
| Adipose Tissue | Weight | ≥3g | - | - | - |