**Sample Requirements**

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| **Service** | **Sample Type** | **Minimum Quantity** | **Recommended Sequence Length** |
| ChIP-Seq | ChIP DNA | 20ng | 36 nt single read |
| RNA-Seq | Total RNA | 1ug | 76 nt paired end, 100 nt paired end |
| RNA-Seq-strand specific | Total RNA | 1ug | 76 nt paired end |
| mRNA-seq | Total RNA | 2ug | 36, 50 or 76 nt single read or paired end |
| microRNA-Seq | Total RNA | 2ug | 36-nt single read |
| Exome Sequencing | genomic DNA | 1ug | 76 nt paired end |
| Targeted Sequencing | genomic DNA | 1ug | 76 nt paired end |
| Human Whole Genome | genomic DNA | 5ug | 100 nt paired end |