Raw fastq files or fasta file

1D-Functions

**Medium file format text file**

**Reference Genome Index**

**Alignment file**

**Filtered Alignment file**

**Compare Models**

**Genome 3D Structure**

**Loop Identification**

**Annotate Models**

3D-Functions

Extracted Matrix

2D-Functions

**Hi-C maps at many Resolution**

**Extracted Matrix**

**2D - Visualization**

**TAD identification**

Medium file format text file