

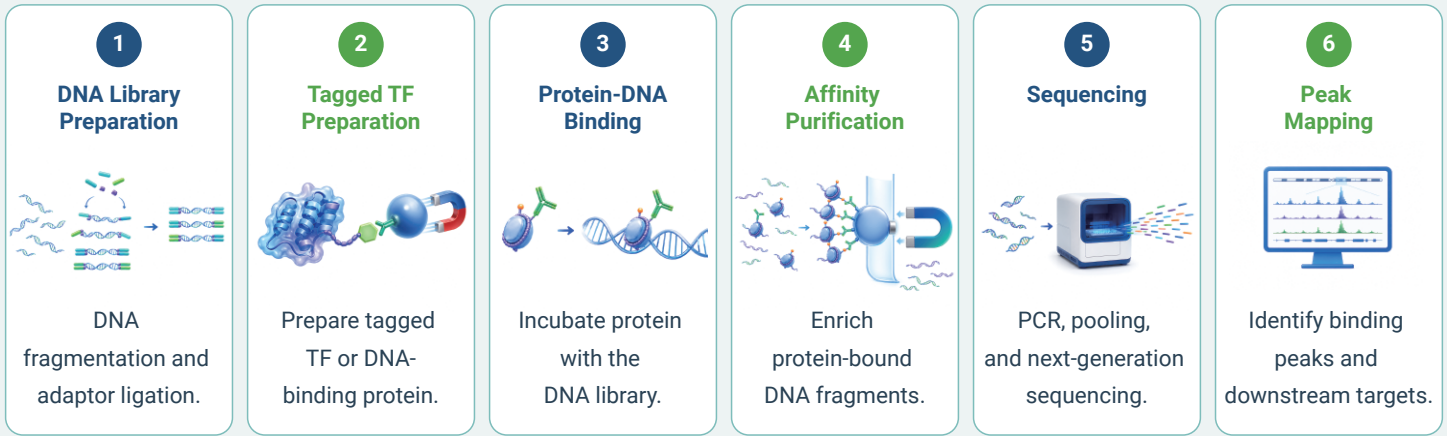


DAP-seq

Genome-wide TF Binding Analysis

Discover transcription factor binding sites, motifs, target genes, and regulatory networks with DAP-seq.

DAP-seq Service Workflow



Applications

- TF binding site discovery
- Regulatory element identification
- Motif analysis
- Candidate target genes
- Regulatory network analysis
- Comparative DNA-binding analysis

Service Advantages

- End-to-end support
- Genome-wide TF-DNA profiling
- Suitable for TFs and DNA-binding proteins
- Helpful when CHIP-based assays are difficult
- Integrated bioinformatics interpretation

Data Analysis & Deliverables

- QC and clean data summary
- Peak identification and annotation
- Motif enrichment analysis
- Candidate target gene list
- Browser tracks and summary report

Example Outputs

1 **Genome Browser Track** DAP-seq peaks across genomic regions → 2 **Motif Enrichment** Enriched DNA-binding motifs → 3 **Candidate Target Genes** Annotated candidate regulatory targets