Cells/tissues provided by users

Cell viability QC check

Count and wash cell with CUT&Run Wash Buffer

Binding cell to activated ConA beads

Cell-bead conjugation QC check

Cell permeabilization test

Antibody binding

Binding of pAG-MNase

Targeted chromatin digestion and release

CaCl$_2$ + to activate

Yeast normalization

Spike-in DNA

Stop reaction

DNA extraction and purification

CUT&RUN

LIBRARY PREPARATION

Template Preparation

Library Synthesis

Library amplification and Adapter ligation

QC check

Library clean-up

Analysis of library fragment size

DNA extraction and purification

Multiple QC

Enriched DNA BioA trace

INPUT DNA BioA trace

DATA ANALYSIS

Library quantification

Pooling

Illumina sequencing

Biostatistics and Informatics Core

CUT&RUN SEQUENCING WORKFLOW AT GARP CORE