

Protein tagging

Immunofluorescence

Autofluorescence

Flow cytometry

Electron microscopy

Error-prone PCR mutagenesis construction of phosphomutants via gene synthesis

Yeast-two hybrid assay (Yeast two-hybrid screen)

Co-immunoprecipitation

FRET

In vitro binding assay (with recombinant protein affinity purification)

Mass spectrometry

Dosage suppressor screen

Northern Blot

Western blot

PCR

ELISA

ChIP-qPCR

cre-lox system for homologous recombination in yeast

Confocal fluorescence microscopy (scanning vs. spinning disk)

siRNA knock out/down shRNA

FACS

Cloning

Cell Culture

(NET)-qPCR

CRISPR mutagenesis

