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**Materials List for**

# Alignment of Synchronized Time-Series Data Using the Characterizing Loss of Cell Cycle Synchrony Model for Cross-Experiment Comparisons

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## Materials

| Name | Company | Catalog Number | Comments |
|---|---|---|---|
| 2x PBS | | | For Fixative Solution. Described in Leman 2014. |
| 4% formaldehyde | | | For Fixative Solution. |
| 100% Ethanol | | | For flow cytometry fixation. Described in Haase 2002. |
| CLOCCS | | | https://gitlab.com/haase-lab-group/cloccs_alignment.git |
| Flow Cytometer | | | For flow cytometry protocol. |
| Git | | | https://git-scm.com/ |
| Java 19 | | | https://www.oracle.com/java/technologies/downloads/#java19 |
| Microscope | | | For counting cells and buds. |
| Miniconda | | | https://docs.conda.io/en/latest/ |
| Protease solution | | | For flow cytometry protocol. Described in Haase 2002. |
| RNAse A solution | | | For flow cytometry protocol. Described in Haase 2002. |
| SYTOX Green Nucleic Acid Stain | Invitrogen | S7020 | For flow cytometry staining. Described in Haase 2002. |
| Tris | | | pH 7.5 |