

## **Supplementary Figure S1. Synchronization procedure**

- **a** Flow cytometry analysis of control (untreated) and mitosis-arrested cells (nocodazole/MG132). Mitotic cells were detected with the mitotic-specific monoclonal 3-12-I-22 antibody.
- **b** Representative fluorescence microscopy images (DAPI and  $\alpha$ -tubulin) of cells blocked in mitosis (nocodazole/MG132) and used for the clustering assays. Scale bar: 10 $\mu$ m.