

Chromosome mis-segregation triggers cell cycle arrest through a mechanosensitive nuclear envelope checkpoint

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Supplementary Fig. 1 | Representative common gating strategies and raw data of flow cytometry cell cycle analysis shown in **Figure 1h** and **Extended Data Figure 1m**. The forward and sideward scatters are used to select the starting populations. Single cells are selected using DNA staining (PI) on PE Texas red or GreenD 610_20 channel H vs A); then, single cells are analysed for BrdU intensity (APC or RedC channel) versus DNA content (P) Staining with an IgG isotype control was used to determine background fluorescence given by the anti-mouse secondary antibody.

cell cycle analysis - gating strategy

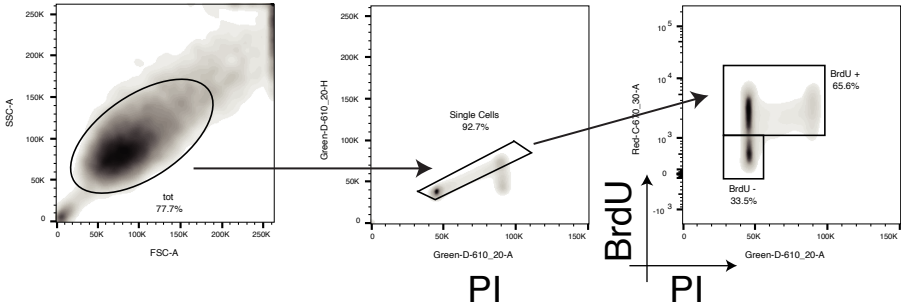
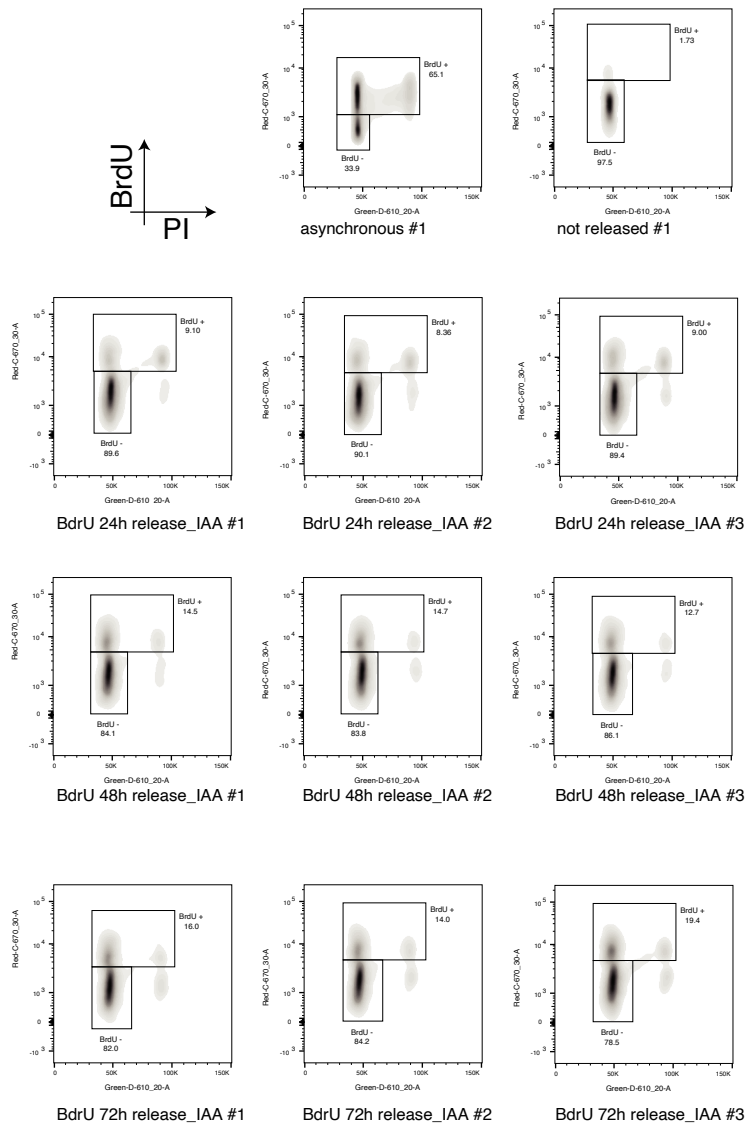
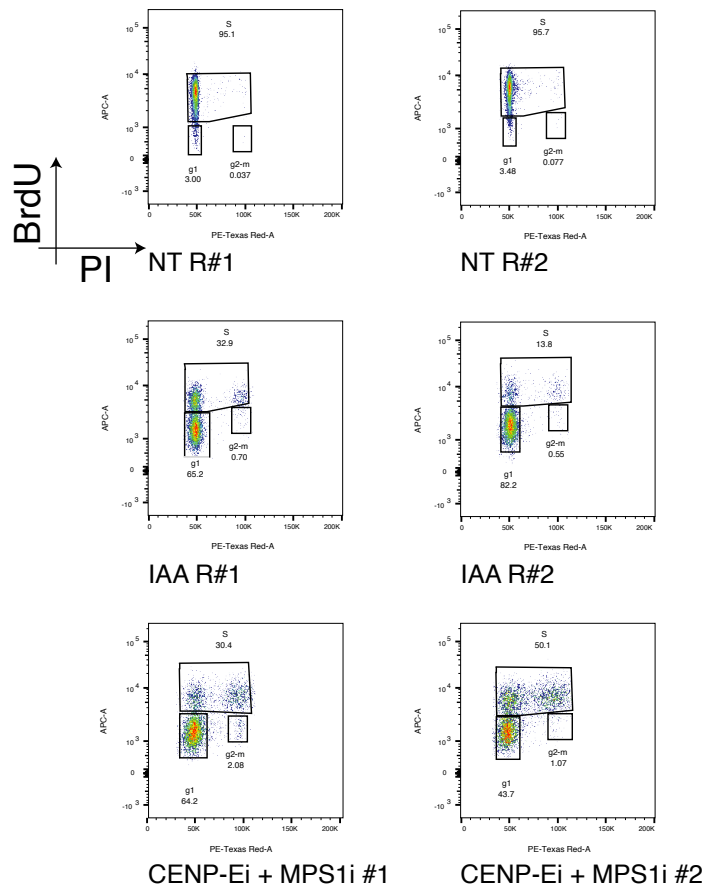


figure 1h

raw data Extended Data Figure 1m



Supplementary Fig. 2 | Representative gating strategies of flow cytometry cell sorting analysis shown in **Extended Data Figure1g**. The forward and sideward scatters are used to select the starting populations. Single cells are selected using DNA staining (DAPI channel H vs A); then, single cells are sorted based on p21-APC intensity. Staining with an IgG isotype control was used to determine background fluorescence

