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spindle organization metaphase/anaphase transition of cell cycle negative regulation of mitotic sister chromatid:segregationromatid separation mitotic spindle organization negative regulation of mitotic sister chromatid separation regulation of sister chromatid segregation regulation of mitotic sister chromatid separation negative regulation of sister chromatid segregation ubule cytoskeleton organization involved in mitosis regulation of metaphase/anaphase transition of cell cycle mitotic sister chromatid segregation regulation of chromosome segregation negative regulation of chromosome separation regulation of chromosome separation mitotic nuclear division negative regulation of chromosome segregation, chromosome separation nuclear chromosome segregation regulation of mitotic sister chromatid segregation regulation of mitotic metaphase/anaphase transition nuclear division metaphase/anaphase transition of mitotic cell cycle negative regulation of nuclear division sister chromatid segregation negative regulation of mitotic nuclear division organelle fission regulation of mitotic nuclear division chromosome segregation regulation of nuclear division

number of genes

25

30

2e-08

4e-08

6e-08

p.adjust

O 10

chemokine-mediated signaling pathway antimicrobial humoral immune response mediated by antimicrobial peptide response to chemokine female meiotic nuclear division lymphocyte chemotaxis myeloid leukocyte migration p.adjust chronic inflammatory response 0.0005 histone phosphorylation 0.0010 G2/M transition of mitotic cell cycle cell cycle G2/M phase transition 0.0015 0.0020 0.0025 anaphase-promoting complex-dependent catabolic process number of genes DNA replication protein localization to kinetochore O 10 regulation of mitotic cell cycle phase transition regulation of nuclear division mitotic spindle checkpoint mitotic nuclear division spindle assemblytcheckpointmosome separation regulation of mitotic sister chromatid separationear division kinetochore organization nuclear chromosome segregation regulation of chrorantigemprocessing and presentation of exogenous peptide antigen via MHC class II regulation of chromosome origanization cytoskeleton organization involved in mitosis chromosome localization chromosome segregation cytokinesis