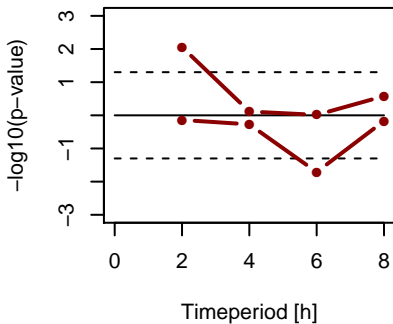
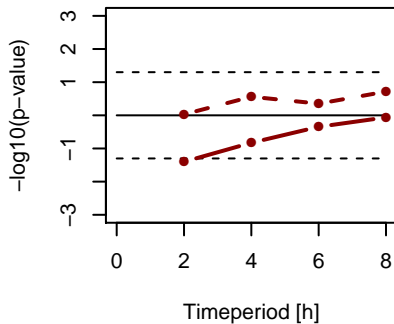


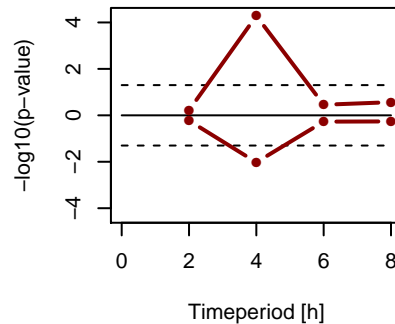
Molecular Biology of the Cell
Cellular communication
HU210



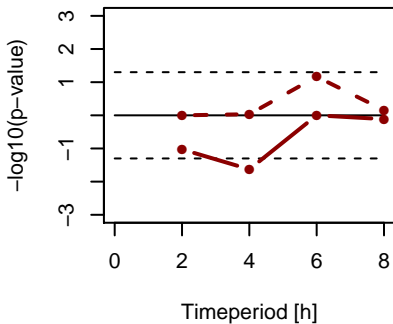
Molecular Biology of the Cell
Chromatin and histone dynamics
HU210



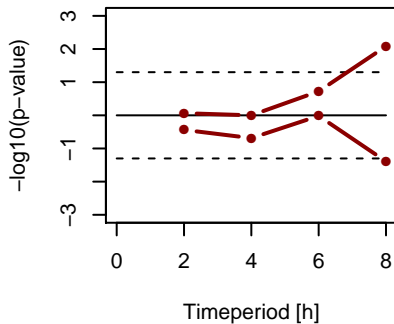
Molecular Biology of the Cell
Gene expression
HU210



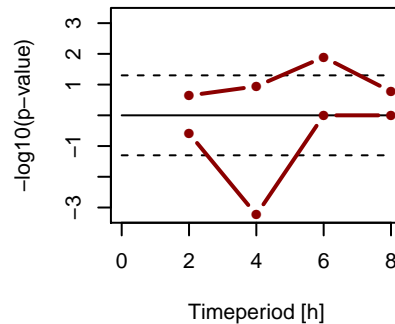
Molecular Biology of the Cell
Intracellular degradation pathways
HU210



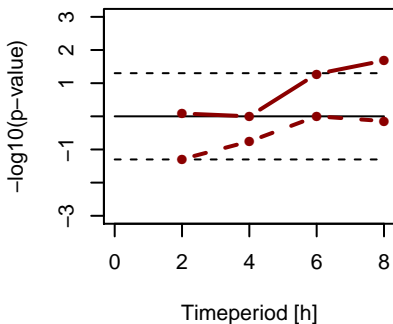
Molecular Biology of the Cell
Intracellular vesicle traffic
HU210



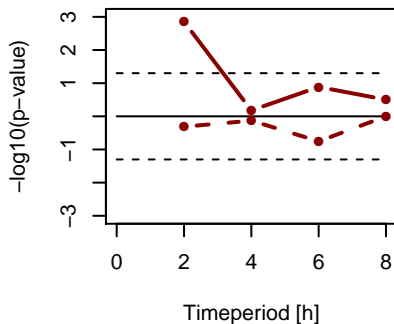
Molecular Biology of the Cell
Organelle organization
HU210



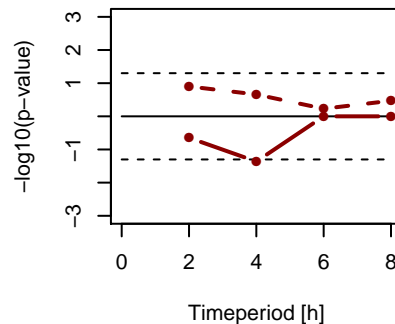
Molecular Biology of the Cell
Posttranslational protein modification
HU210



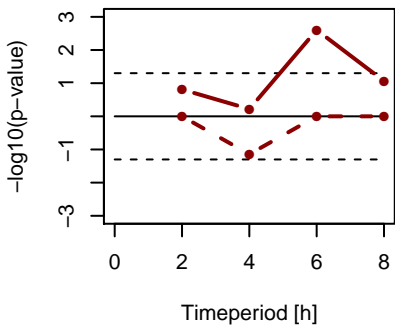
Molecular Biology of the Cell
Regulated cell death
HU210



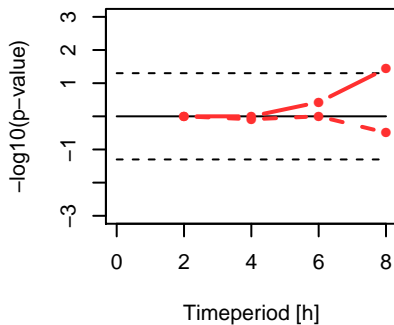
Molecular Biology of the Cell
Structural mitochondria organization
HU210



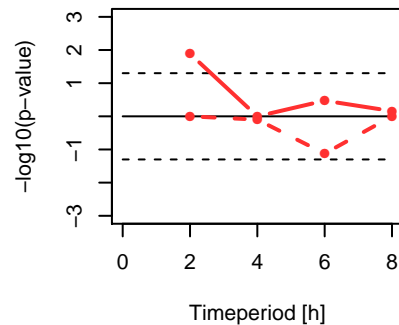
Molecular Biology of the Cell
Transmembrane protein import and translocation
HU210



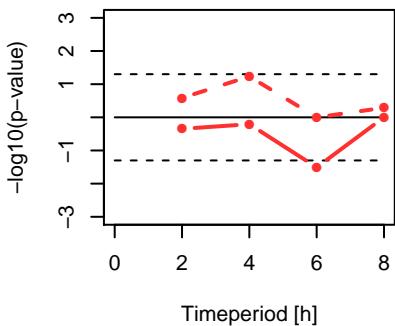
Cell cycle and cell division
Cytokinesis
HU210



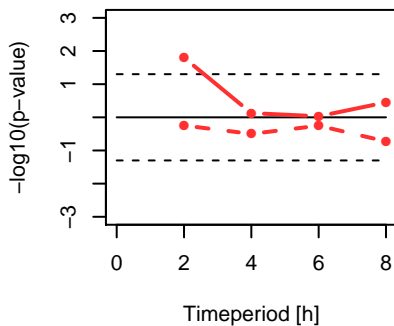
Cellular communication
Epidermal growth factor family signaling
HU210



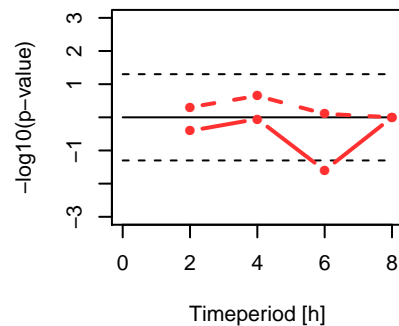
Cellular communication
Interferon signaling
HU210



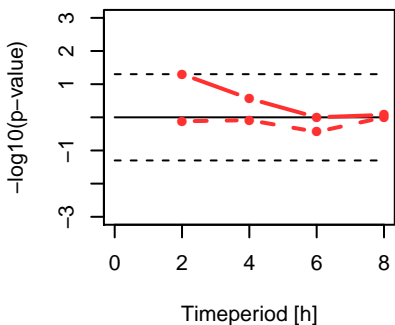
Cellular communication
signaling pathways that control cell proliferation and differ
HU210



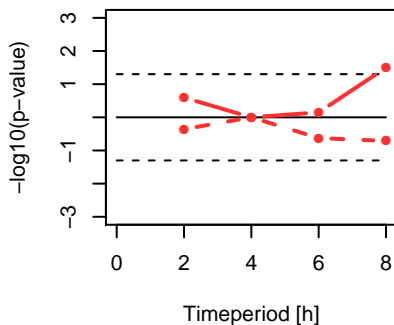
Cellular communication
TGF-beta superfamily signaling
HU210



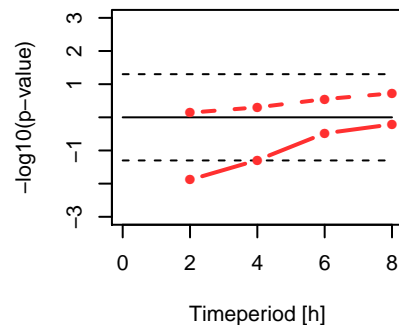
Cellular protrusion organization
Eukaryotic cilium and flagellum organization
HU210



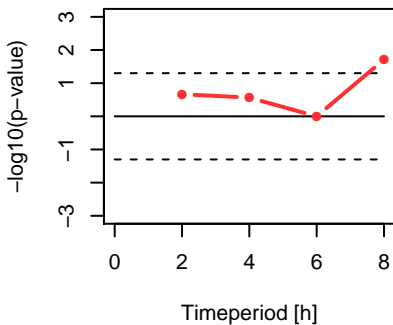
Cellular response to stress
Cellular response to radiation
HU210



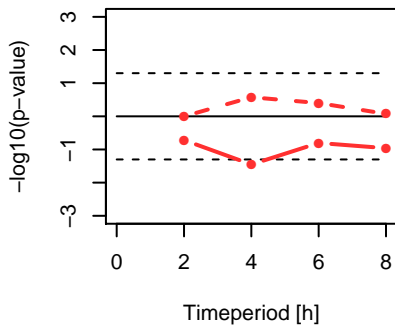
Chromatin and histone dynamics
Chromatin remodeling
HU210



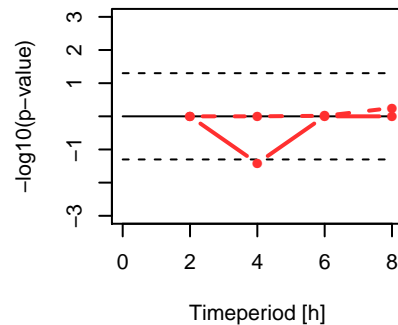
Coagulation cascade, complement system and blood protein
Coagulation cascade and its regulation
HU210



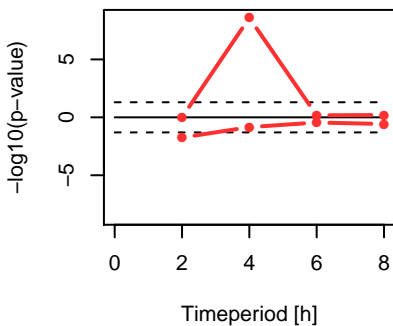
DNA replication, recombination and repair
DNA double-strand break repair
HU210



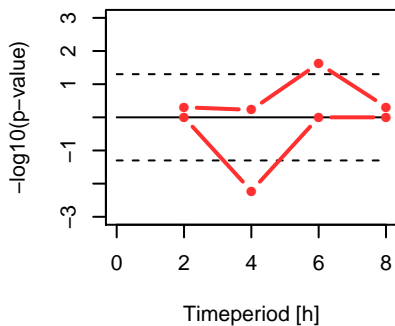
Gene expression
Pre-mRNA splicing
HU210



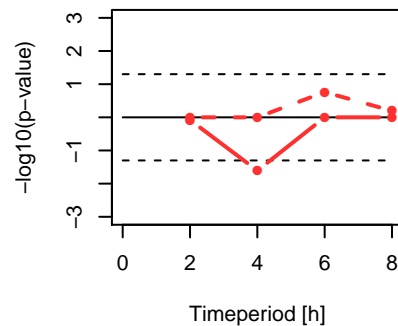
Gene expression
Ribonucleoprotein biogenesis
HU210



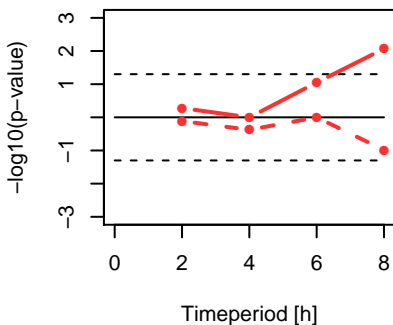
Gene expression
RNA surveillance and degradation
HU210



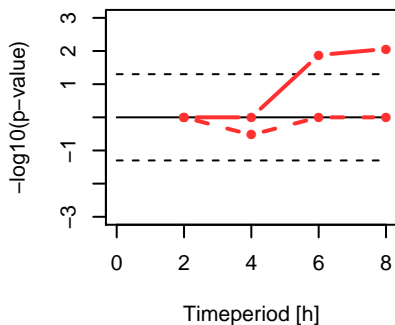
Intracellular degradation pathways
Ubiquitin mediated proteasomal degradation
HU210



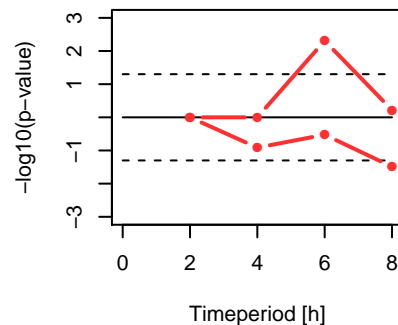
Intracellular vesicle traffic
Vesicle exocytosis
HU210

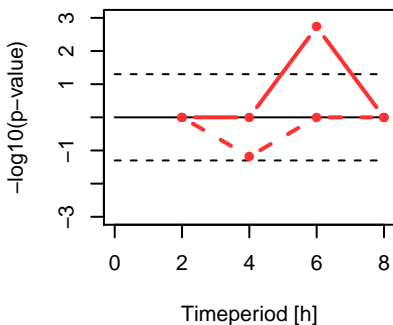
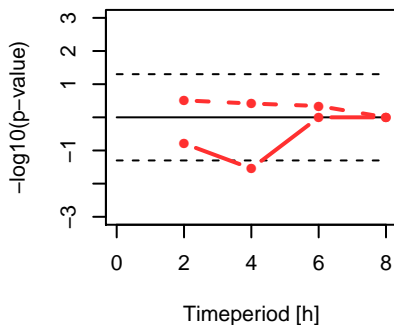
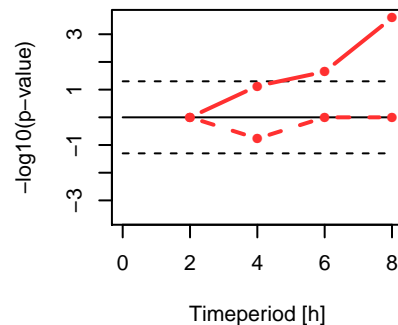
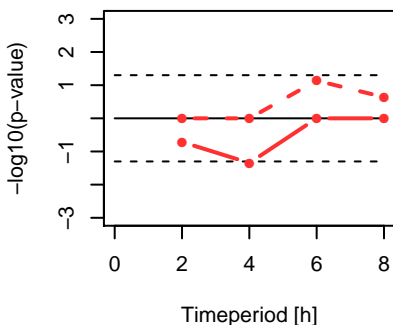
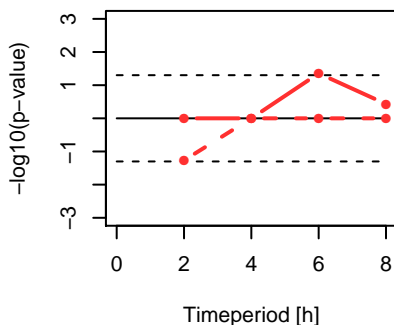
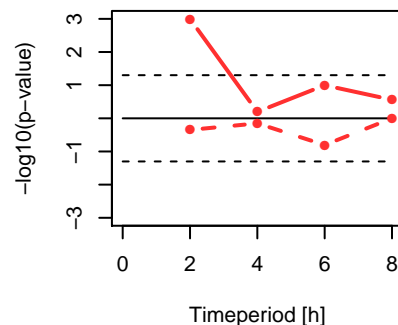
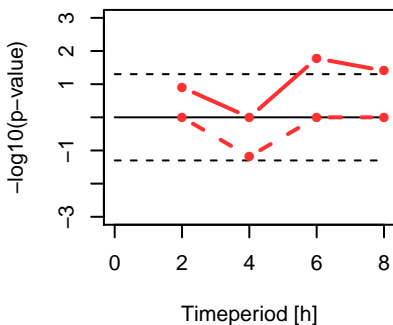
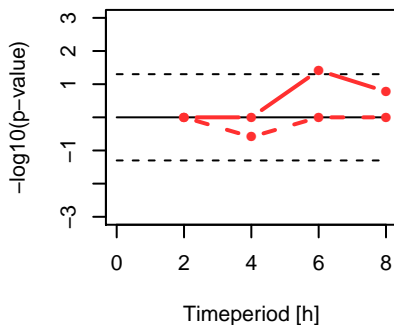
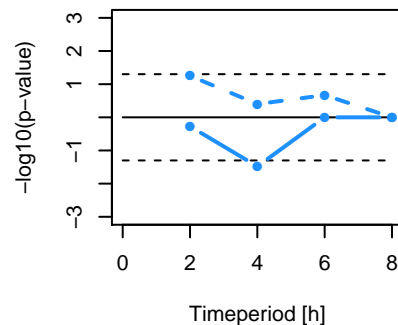


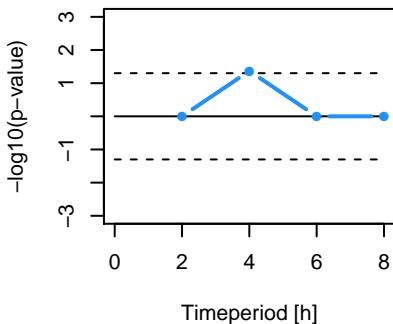
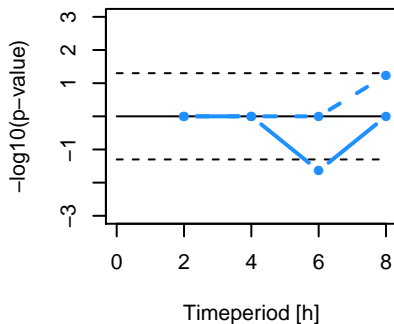
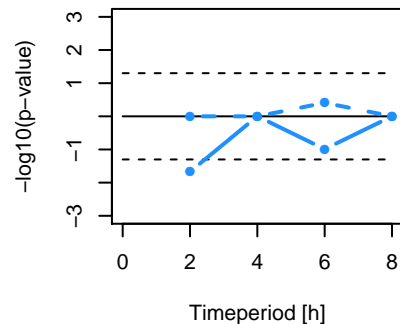
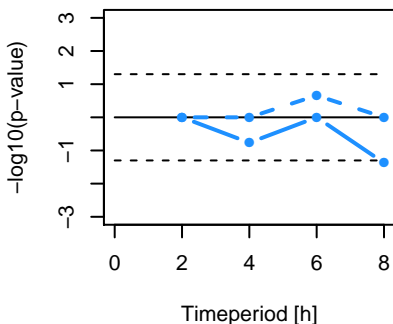
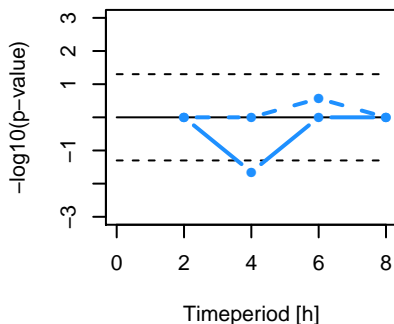
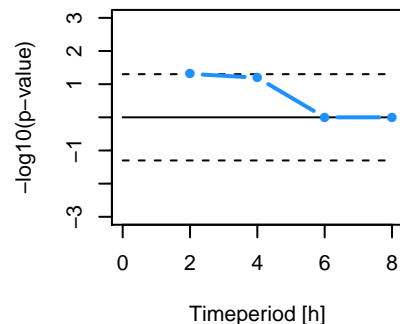
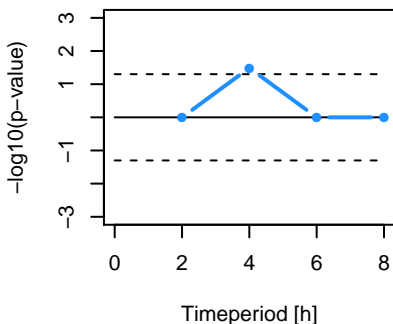
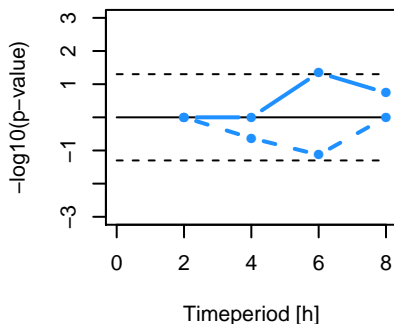
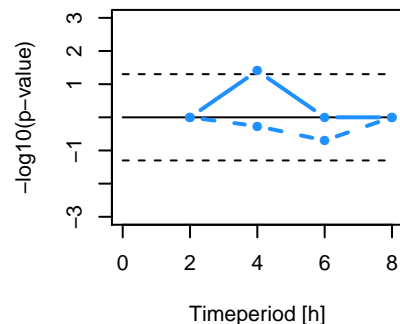
Intracellular vesicle traffic
Vesicle traffic between TGN and endosome
HU210



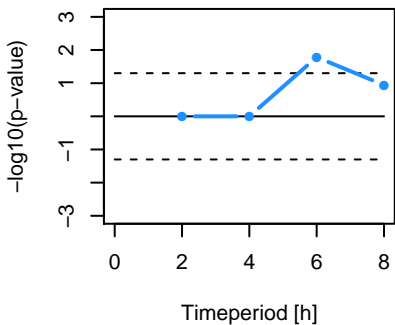
Lipid metabolism
Membrane lipid metabolism
HU210



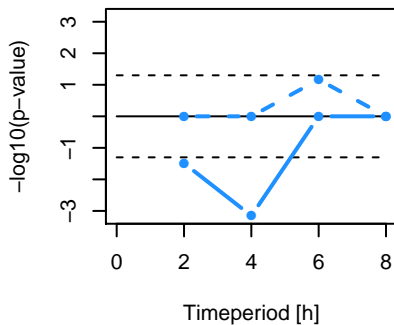
Organelle organizationEndoplasmic reticulum and nuclear envelope organization
HU210**Organelle organization**Interphase nucleus and nuclear chromatin organization
HU210**Organelle organization**Structural golgi apparatus organization
HU210**Posttranslational protein modification**Post-translational protein modification in Mitochondria
HU210**Posttranslational protein modification**Protein prenylation
HU210**Regulated cell death**Apoptosis
HU210**Transmembrane protein import and translocation**Endoplasmic reticulum membrane protein insertion and insertion
HU210**Transmembrane protein import and translocation**Protein transport across the nuclear membrane
HU210**Actin filament dynamics**Actin polymerization
HU210

Ammonium metabolismAmination of α -keto acids and deamination of amino
HU210**Amyloid generation and aggregation**Amyloid generation and aggregation, amyloid degradation and
HU210**Chromatin remodeling**Nucleosome disassembly
HU210**Chromosome segregation by mitotic spindle**Mitotic chromosome condensation
HU210**Chromosome segregation by mitotic spindle**Mitotic H3 phosphorylation
HU210**Collagen biosynthesis**Collagen fibril organization by fibril-associated bridges
HU210**Collagen biosynthesis**Procollagen processing in the ER
HU210**Complement pathway and regulation**Classical complement pathway
HU210**Control of postsynaptic potential**Glutamate-mediated control of postsynaptic potential
HU210

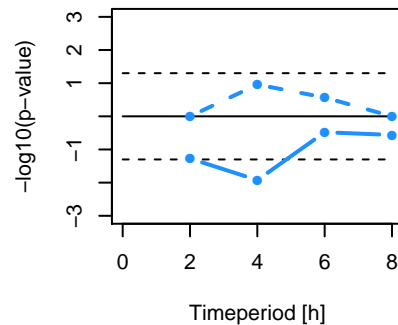
Cytokinesis
Equatorial RhoA activation
HU210



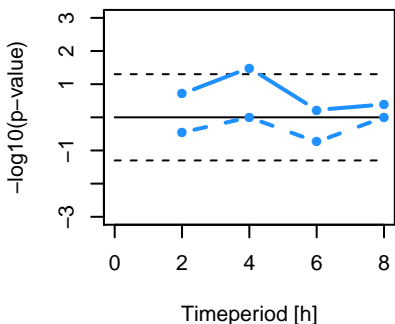
Cytoplasmic post-translational protein modification
Cytoplasmic protein folding
HU210



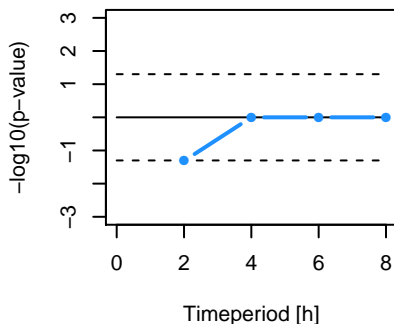
DNA double-strand break repair
Homologous recombination DSB repair
HU210



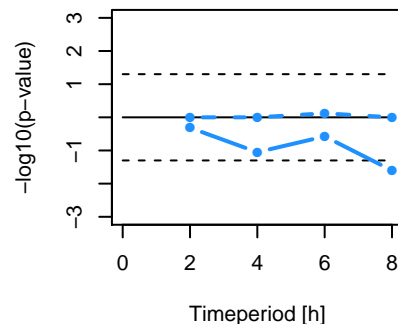
DNA interstrand cross-links repair
Fanconi anemia interstrand cross-link repair pathway
HU210



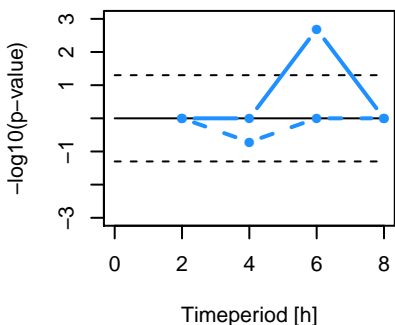
Elastogenesis
Elastin cross-linking and assembly
HU210



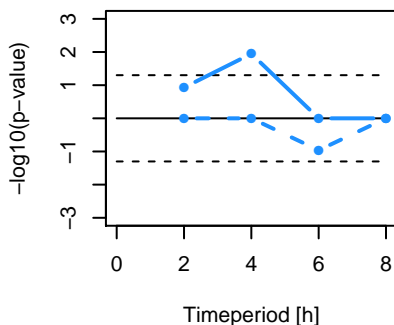
Endocytic pathway
Clathrin-mediated endocytosis
HU210



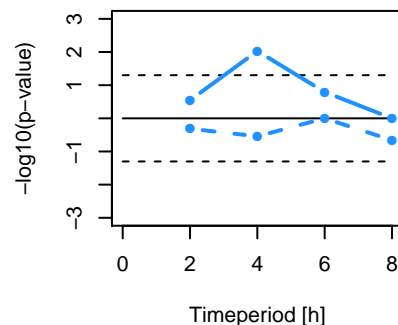
Endoplasmic reticulum and nuclear envelope organization
Endoplasmic reticulum tubulus maintenance
HU210



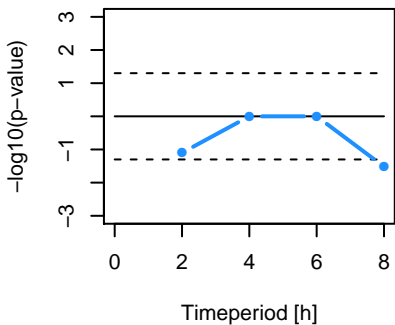
Eukaryotic DNA replication
DNA cleavage
HU210



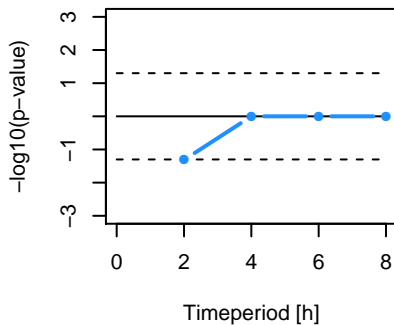
Filopodium and lamellipodium organization
Lamellipodium organization
HU210



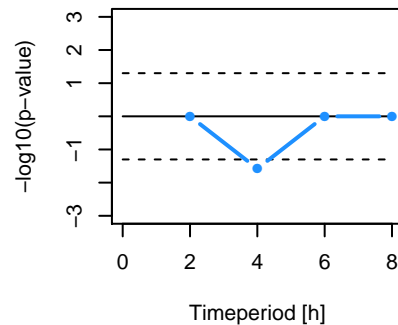
Free radical generation for respiratory burst
Free radical generation by NADPH oxidase
HU210



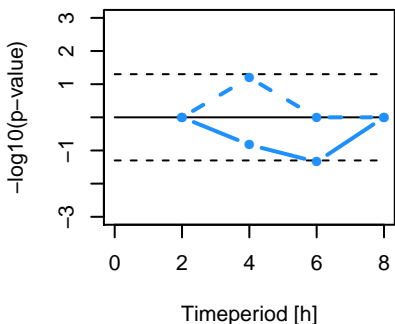
Histone modification
Histone phosphorylation and dephosphorylation
HU210



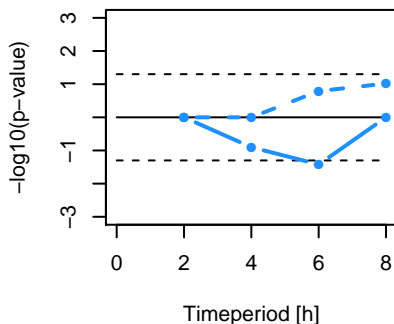
Interleukin receptor signaling
Interleukin 2 receptor signaling
HU210



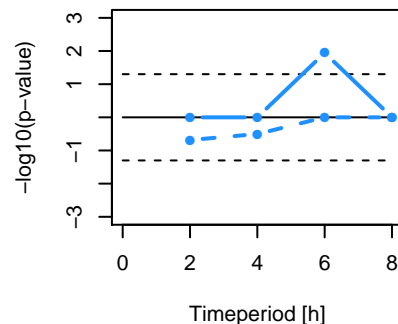
Intracellular common signaling cascades of multiple path
CAM kinase signaling pathway
HU210



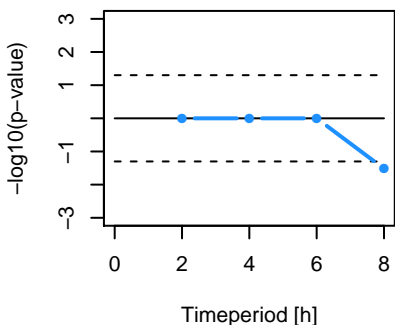
Intracellular common signaling cascades of multiple path
Nitric oxide signaling pathway
HU210



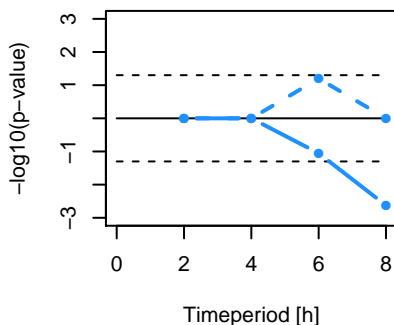
Intracellular common signaling cascades of multiple path
PI3 kinase AKT signaling pathway
HU210



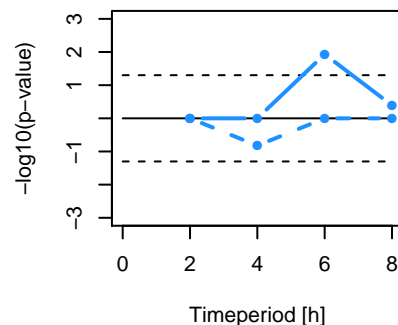
Iron homeostasis
Cellular iron storage
HU210



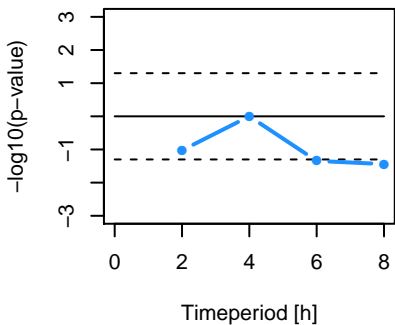
Membrane lipid metabolism
Phosphoglyceride biosynthesis
HU210



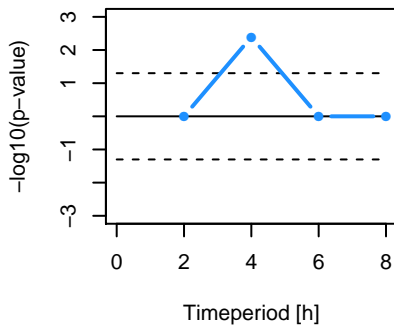
Membrane lipid metabolism
Sphingolipid metabolism
HU210



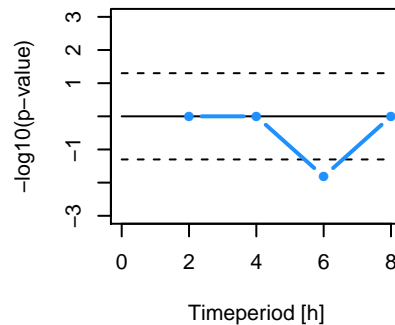
Metabolism of non-essential amino acids
Proline metabolism
HU210



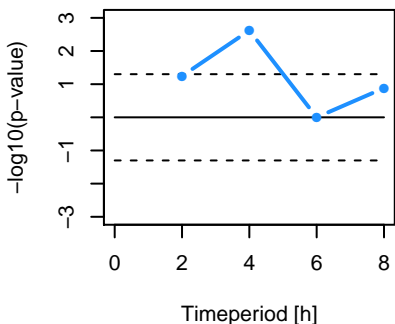
Metabolism of purines and pyrimidines
Pyrimidine synthesis and salvage
HU210



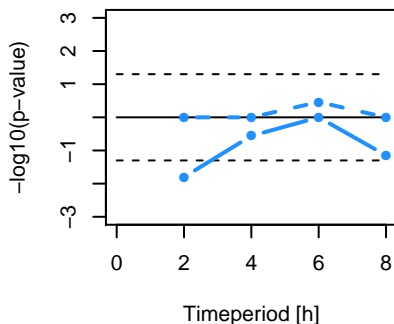
Metabolism of water-soluble vitamins
Vitamin C metabolism
HU210



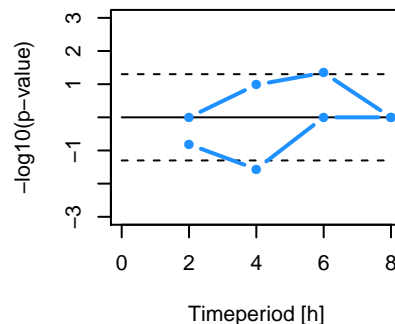
Microtubule dynamics
Microtubule crosslinking and bundling
HU210



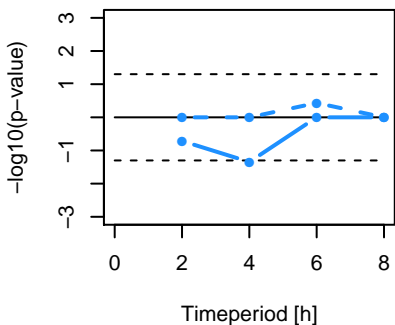
Microtubule dynamics
Microtubule depolymerization, severing and catastrophe
HU210



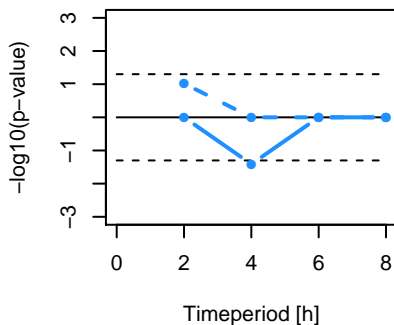
Microtubule dynamics
Microtubule plus-end tracking
HU210



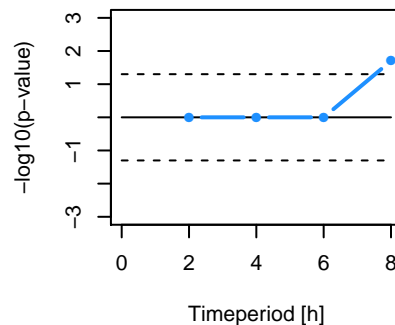
Mitochondrial dynamics
Mitochondrial fission
HU210



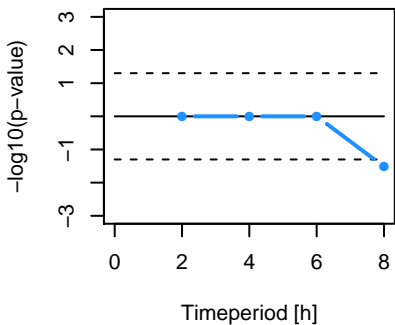
Mitochondrial dynamics
Mitochondrial fusion
HU210



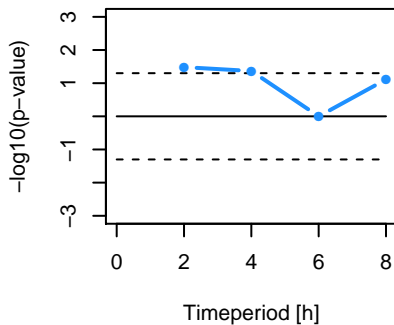
Neuronal signaling pathways
Brain derived neurotrophic factor receptor signaling
HU210



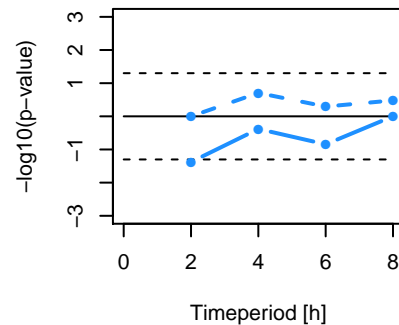
Neuronal signaling pathways
Nerve growth factor receptor signaling
HU210



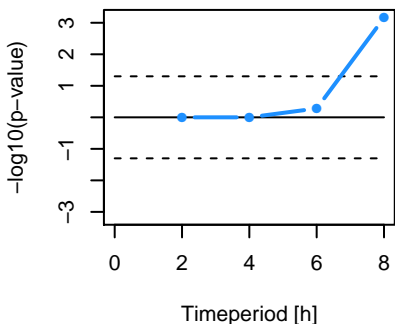
Pattern recognition signaling
MDA-5 receptor signaling
HU210



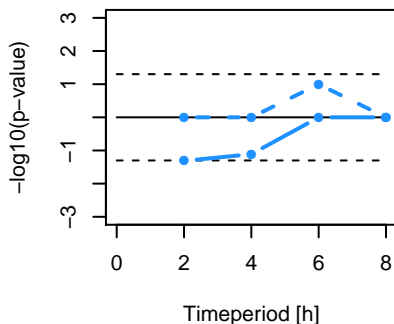
Pattern recognition signaling
Toll-like receptor signaling
HU210



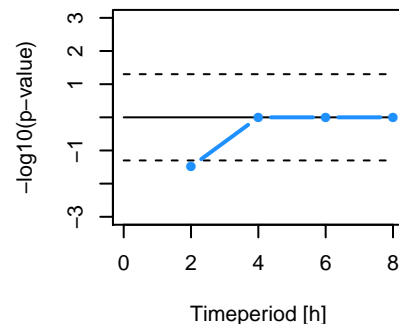
Protein modification and quality control during biosynthesis
Chaperone mediated protein folding in ER
HU210



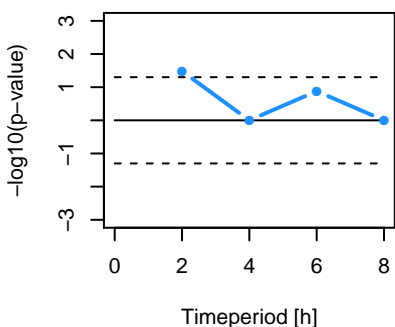
Post-translational protein modification in Mitochondria
Protein folding in Mitochondria
HU210



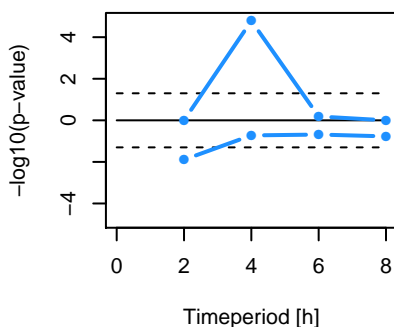
Protein prenylation
Protein myristoylation
HU210



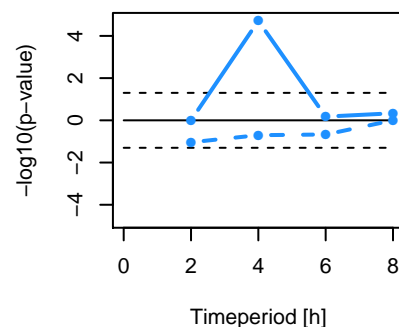
Purinergic signaling
Purinergic P1 receptor signaling
HU210



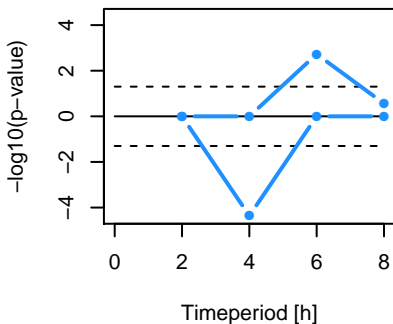
Ribonucleoprotein biogenesis
Large ribosomal subunit organization
HU210



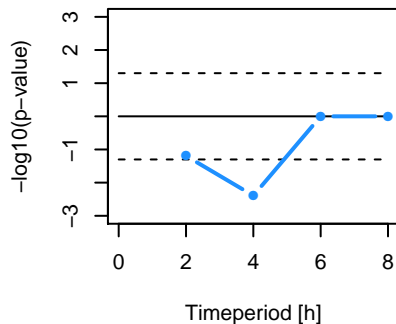
Ribonucleoprotein biogenesis
Small ribosomal subunit organization
HU210



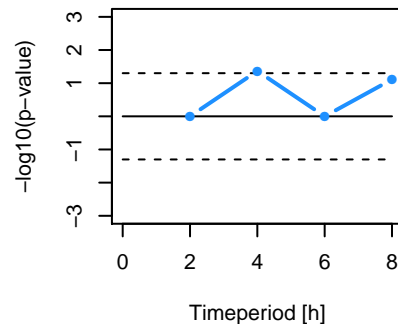
RNA surveillance and degradation
Cytoplasmic RNA deadenylation
HU210



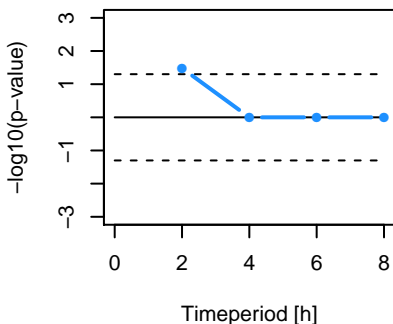
Signaling by extracellular matrix components
Integrin receptor signaling
HU210



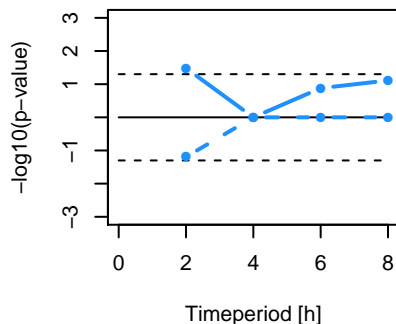
Signaling pathways involved in hematopoiesis
Erythropoietin receptor signaling
HU210



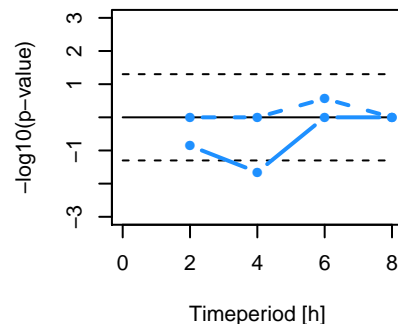
Signaling pathways involved in hematopoiesis
Macrophage colony-stimulating factor receptor signaling
HU210



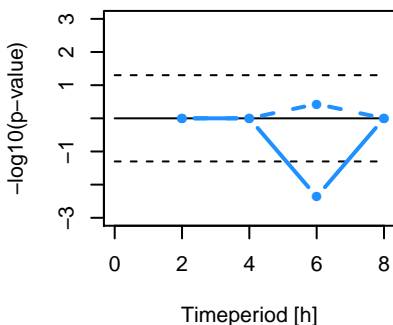
Signaling pathways involved in hematopoiesis
Thrombopoietin receptor signaling
HU210



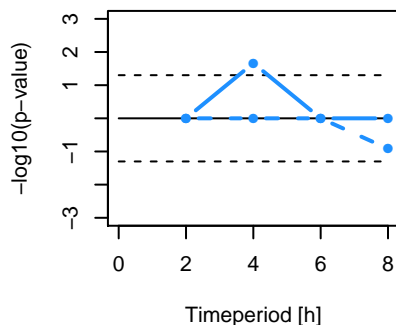
Signaling pathways that control cell proliferation and differentiation
HIF-1 receptor signaling pathway
HU210



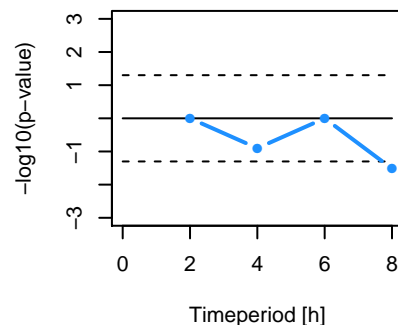
TGF-beta superfamily signaling
Activin receptor signaling
HU210



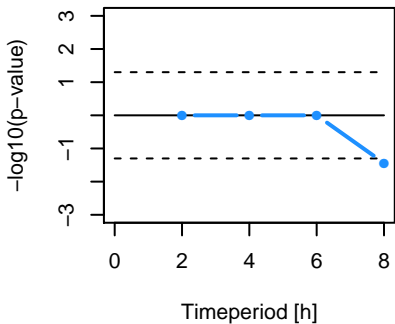
Transporters involved in membrane potential maintenance and ion transport not involved in membrane potential maintenance
Bicarbonate transmembrane transport
HU210



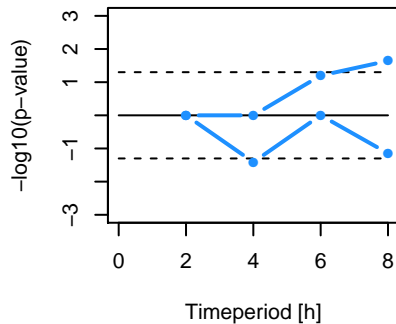
Transporters involved in membrane potential maintenance and ion transport not involved in membrane potential maintenance
Copper transmembrane transport
HU210



Triacylglycerol metabolism and transport
Triacylglycerol hydrolysis and mobilization
HU210



Vesicle exocytosis
Vesicle tethering at plasma membrane
HU210



Vesicle traffic between TGN and endosome
Retrograde vesicle traffic from endosome to TGN
HU210

