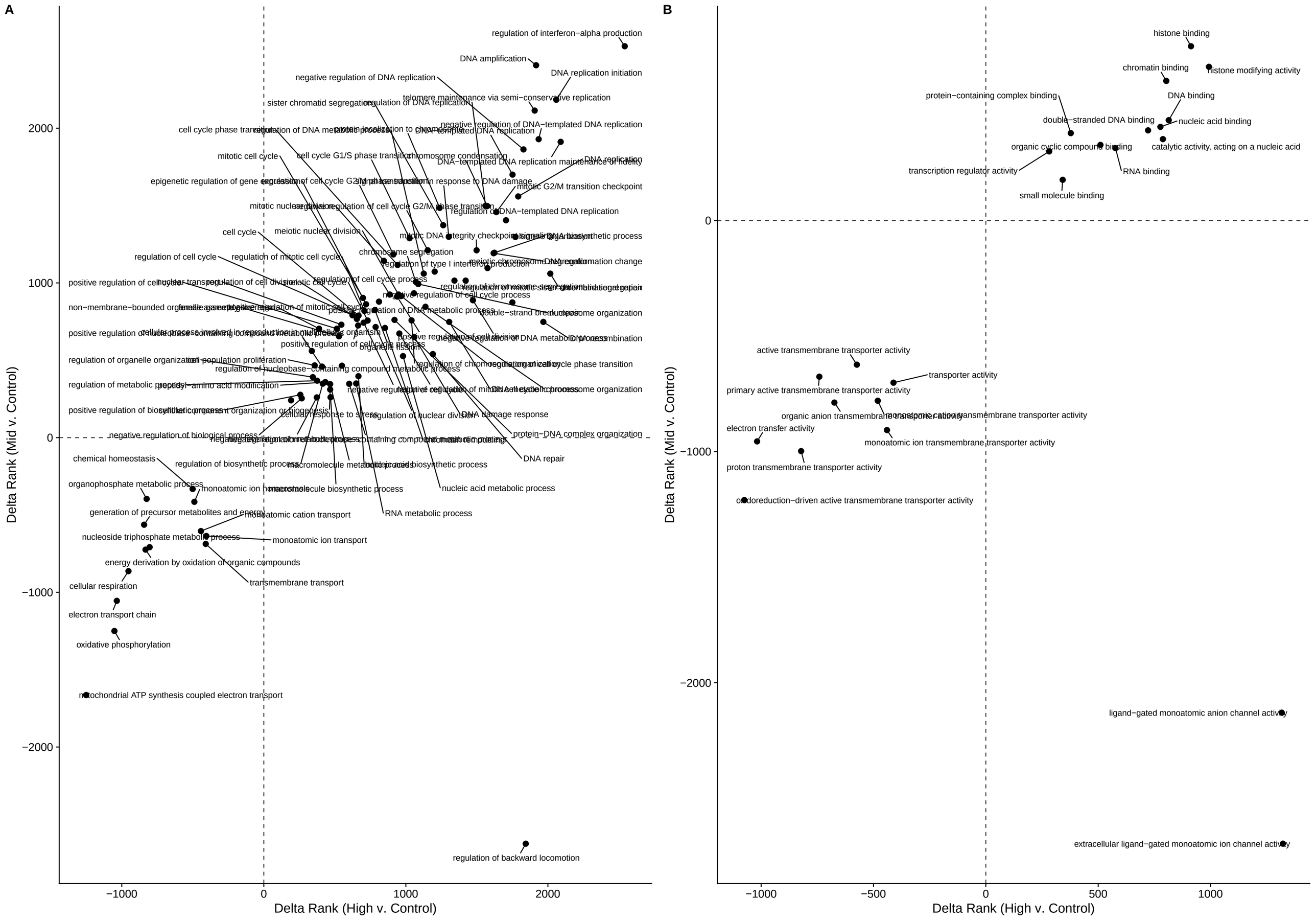
A
Delta Rank (Mid v. Control)
Delta Rank (High v. Control)
2000
1000
0
−1000
−2000
regulation of interferon−alpha production
DNA amplification
DNA replication initiation
negative regulation of DNA replication
telomere maintenance via semi−conservative replication
sister chromatid segregation
regulation of DNA replication
negative regulation of DNA−templated DNA replication
cell cycle phase transition
DNA−templated DNA replication
mitotic cell cycle
cell cycle G1/S phase transition
chromosome condensation
DNA−templated DNA replication maintenance of fidelity
DNA replication
epigenetic regulation of gene expression
mitotic G2/M transition checkpoint
mitotic nuclear division
regulation of DNA−templated DNA replication
cell cycle
meiotic nuclear division
chromosome segregation
regulation of cell cycle
regulation of mitotic cell cycle
regulation of type I interferon production
positive regulation of cell cycle
regulation of cell cycle process
non−membrane−bounded organelle
double−strand break repair
positive regulation of DNA metabolic process
positive regulation of cell cycle process
regulation of organelle organization
regulation of nucleobase−containing compound metabolic process
regulation of metabolic process
protein−DNA complex organization
positive regulation of biosynthetic process
cellular response to stress
regulation of nuclear division
DNA damage response
negative regulation of biological process
DNA repair
chemical homeostasis
regulation of biosynthetic process
macromolecule biosynthetic process
organophosphate metabolic process
nucleic acid metabolic process
generation of precursor metabolites and energy
monoatomic cation transport
RNA metabolic process
nucleoside triphosphate metabolic process
monoatomic ion transport
energy derivation by oxidation of organic compounds
cellular respiration
transmembrane transport
electron transport chain
oxidative phosphorylation
mitochondrial ATP synthesis coupled electron transport
regulation of backward locomotion
−1000
0
1000
2000
B
Delta Rank (Mid v. Control)
Delta Rank (High v. Control)
0
−1000
−2000
histone binding
chromatin binding
histone modifying activity
protein−containing complex binding
DNA binding
double−stranded DNA binding
nucleic acid binding
organic cyclic compound binding
catalytic activity, acting on a nucleic acid
transcription regulator activity
RNA binding
small molecule binding
active transmembrane transporter activity
transporter activity
primary active transmembrane transporter activity
organic anion transmembrane transporter activity
monoatomic cation transmembrane transporter activity
electron transfer activity
monoatomic ion transmembrane transporter activity
proton transmembrane transporter activity
oxidoreduction−driven active transmembrane transporter activity
ligand−gated monoatomic anion channel activity
extracellular ligand−gated monoatomic ion channel activity
−1000
−500
0
500
1000