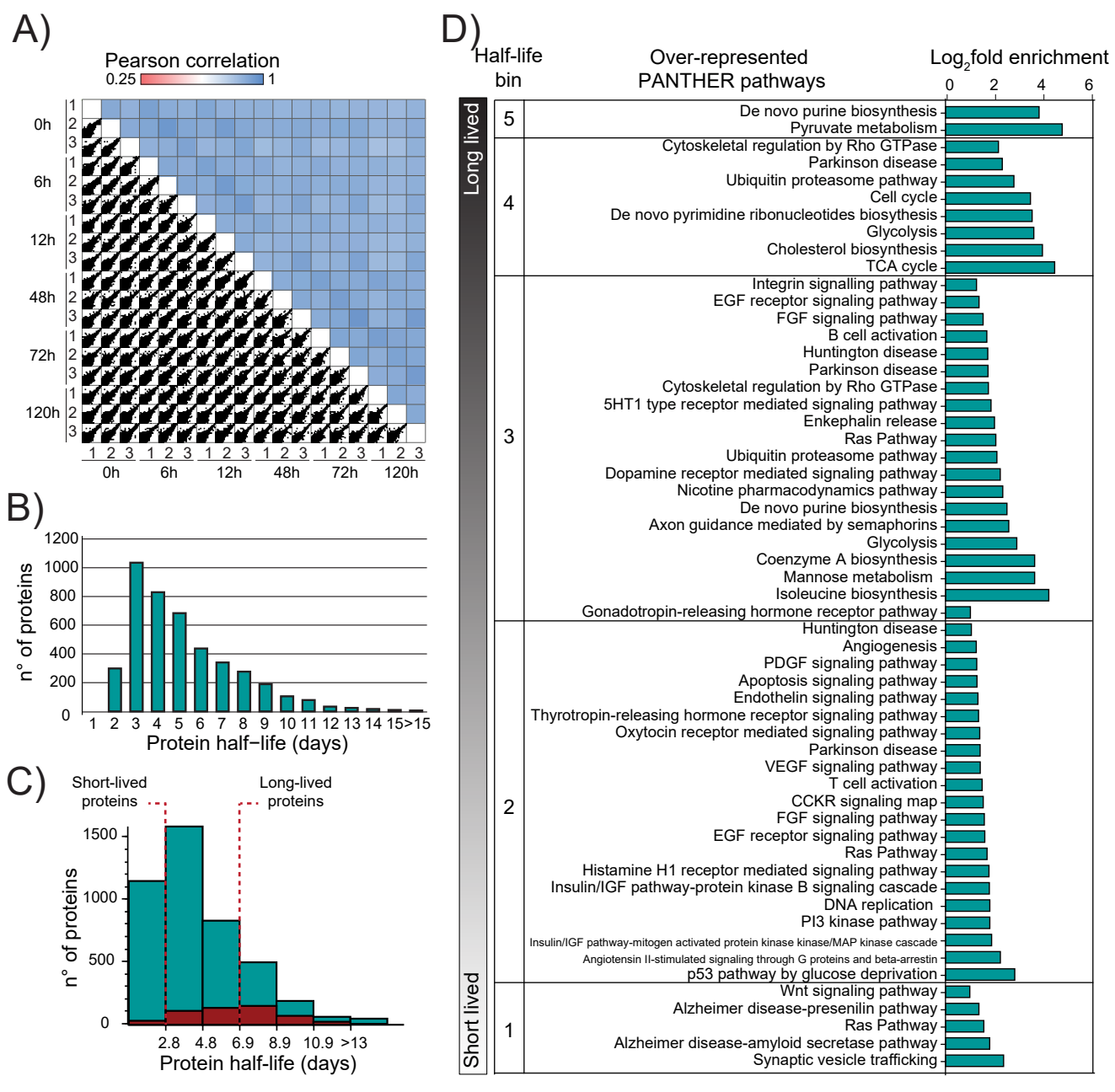
A)
Pearson correlation
0.25
1
0h
6h
12h
48h
72h
120h
B)
n° of proteins
Protein half−life (days)
C)
Short-lived proteins
Long-lived proteins
n° of proteins
Protein half-life (days)
D)
Half-life bin
Over-represented PANTHER pathways
Log2fold enrichment
Long lived
Short lived
5
De novo purine biosynthesis
Pyruvate metabolism
4
Cytoskeletal regulation by Rho GTPase
Parkinson disease
Ubiquitin proteasome pathway
Cell cycle
De novo pyrimidine ribonucleotides biosythesis
Glycolysis
Cholesterol biosynthesis
TCA cycle
3
Integrin signalling pathway
EGF receptor signaling pathway
FGF signaling pathway
B cell activation
Huntington disease
Parkinson disease
Cytoskeletal regulation by Rho GTPase
5HT1 type receptor mediated signaling pathway
Enkephalin release
Ras Pathway
Ubiquitin proteasome pathway
Dopamine receptor mediated signaling pathway
Nicotine pharmacodynamics pathway
De novo purine biosynthesis
Axon guidance mediated by semaphorins
Glycolysis
Coenzyme A biosynthesis
Mannose metabolism
Isoleucine biosynthesis
Gonadotropin-releasing hormone receptor pathway
2
Huntington disease
Angiogenesis
PDGF signaling pathway
Apoptosis signaling pathway
Endothelin signaling pathway
Thyrotropin-releasing hormone receptor signaling pathway
Oxytocin receptor mediated signaling pathway
Parkinson disease
VEGF signaling pathway
T cell activation
CCKR signaling map
FGF signaling pathway
EGF receptor signaling pathway
Ras Pathway
Histamine H1 receptor mediated signaling pathway
Insulin/IGF pathway-protein kinase B signaling cascade
DNA replication
PI3 kinase pathway
Insulin/IGF pathway-mitogen activated protein kinase kinase/MAP kinase cascade
Angiotensin II-stimulated signaling through G proteins and beta-arrestin
p53 pathway by glucose deprivation
1
Wnt signaling pathway
Alzheimer disease-presenilin pathway
Ras Pathway
Alzheimer disease-amyloid secretase pathway
Synaptic vesicle trafficking