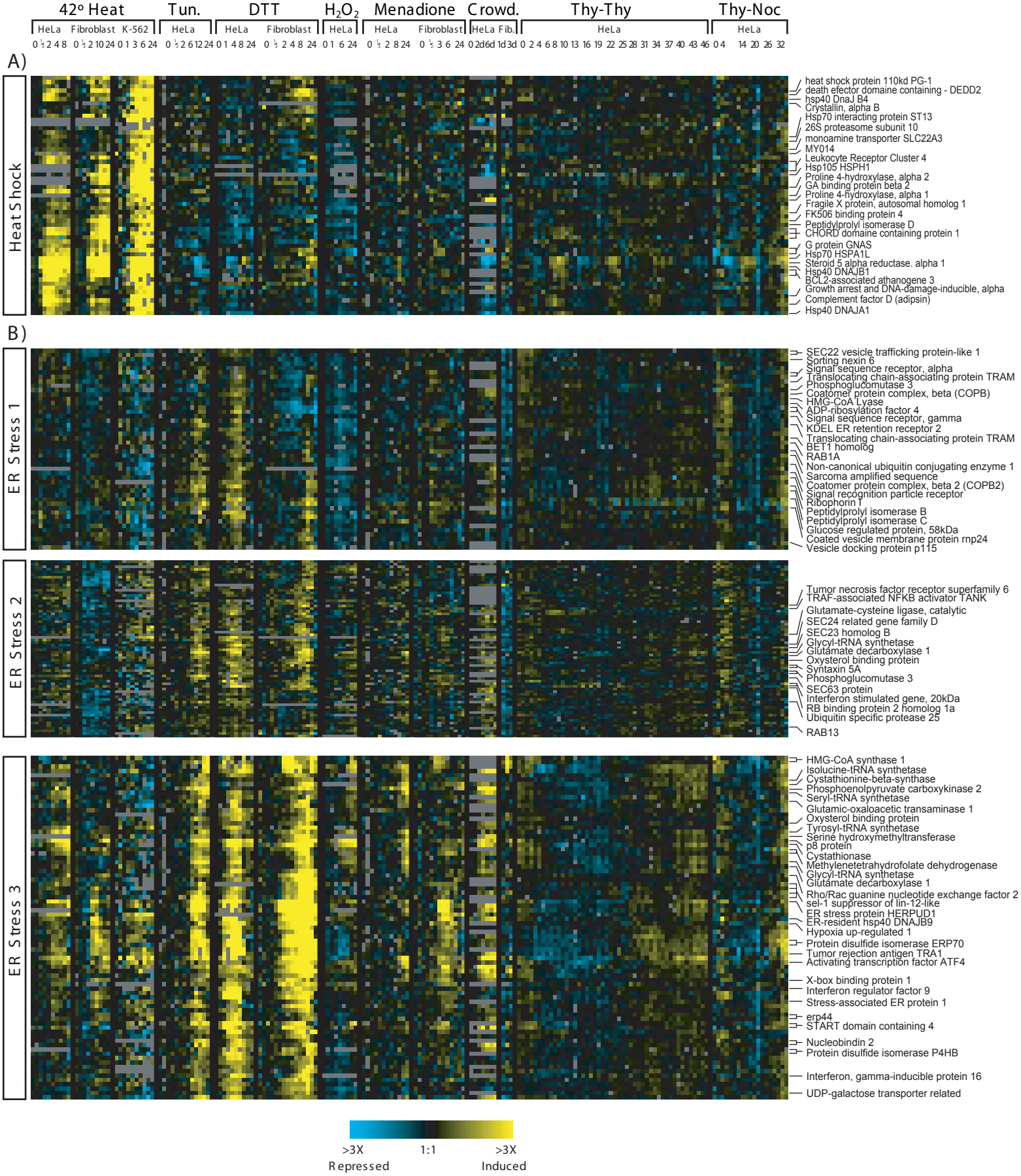
42° Heat
Tun.
DTT
H2O2
Menadione
Crowd.
Thy-Thy
Thy-Noc
HeLa Fibroblast K-562
HeLa
HeLa Fibroblast
HeLa
HeLa Fibroblast
HeLa Fib.
HeLa
HeLa
0 ½ 2 4 8
0 ½ 2 10 24 0 1 3 6 24
0 ½ 2 6 12 24 0 1 4 8 24
0 ½ 2 4 8 24
0 1 6 24
0 ½ 2 8 24
0 ½ 3 6 24 0 2d 6d 1d 3d
0 2 4 6 8 10 13 16 19 22 25 28 31 34 37 40 43 46
0 4 14 20 26 32
A)
Heat Shock
heat shock protein 110kd PG-1
death efector domaine containing - DEDD2
hsp40 DnaJ B4
Crystallin, alpha B
Hsp70 interacting protein ST13
26S proteasome subunit 10
monoamine transporter SLC22A3
MY014
Leukocyte Receptor Cluster 4
Hsp105 HSPH1
Proline 4-hydroxylase, alpha 2
GA binding protein beta 2
Proline 4-hydroxylase, alpha 1
Fragile X protein, autosomal homolog 1
FK506 binding protein 4
Peptidylprolyl isomerase D
CHORD domaine containing protein 1
G protein GNAS
Hsp70 HSPA1L
Steroid 5 alpha reductase. alpha 1
Hsp40 DNAJB1
BCL2-associated athanogene 3
Growth arrest and DNA-damage-inducible, alpha
Complement factor D (adipsin)
Hsp40 DNAJA1
B)
ER Stress 1
SEC22 vesicle trafficking protein-like 1
Sorting nexin 6
Signal sequence receptor, alpha
Translocating chain-associating protein TRAM
Phosphoglucomutase 3
Coatomer protein complex, beta (COPB)
HMG-CoA Lyase
ADP-ribosylation factor 4
Signal sequence receptor, gamma
KDEL ER retention receptor 2
Translocating chain-associating protein TRAM
BET1 homolog
RAB1A
Non-canonical ubiquitin conjugating enzyme 1
Sarcoma amplified sequence
Coatomer protein complex, beta 2 (COPB2)
Signal recognition particle receptor
Ribophorin I
Peptidylprolyl isomerase B
Peptidylprolyl isomerase C
Glucose regulated protein, 58kDa
Coated vesicle membrane protein rnp24
Vesicle docking protein p115
ER Stress 2
Tumor necrosis factor receptor superfamily 6
TRAF-associated NFKB activator TANK
Glutamate-cysteine ligase, catalytic
SEC24 related gene family D
SEC23 homolog B
Glycyl-tRNA synthetase
Glutamate decarboxylase 1
Oxysterol binding protein
Syntaxin 5A
Phosphoglucomutase 3
SEC63 protein
Interferon stimulated gene, 20kDa
RB binding protein 2 homolog 1a
Ubiquitin specific protease 25
RAB13
ER Stress 3
HMG-CoA synthase 1
Isolucine-tRNA synthetase
Cystathionine-beta-synthase
Phosphoenolpyruvate carboxykinase 2
Seryl-tRNA synthetase
Glutamic-oxaloacetic transaminase 1
Oxysterol binding protein
Tyrosyl-tRNA synthetase
Serine hydroxymethyltransferase
p8 protein
Cystathionase
Methylenetetrahydrofolate dehydrogenase
Glycyl-tRNA synthetase
Glutamate decarboxylase 1
Rho/Rac guanine nucleotide exchange factor 2
sel-1 suppressor of lin-12-like
ER stress protein HERPUD1
ER-resident hsp40 DNAJB9
Hypoxia up-regulated 1
Protein disulfide isomerase ERP70
Tumor rejection antigen TRA1
Activating transcription factor ATF4
X-box binding protein 1
Interferon regulator factor 9
Stress-associated ER protein 1
erp44
START domain containing 4
Nucleobindin 2
Protein disulfide isomerase P4HB
Interferon, gamma-inducible protein 16
UDP-galactose transporter related
>3X Repressed
1:1
>3X Induced