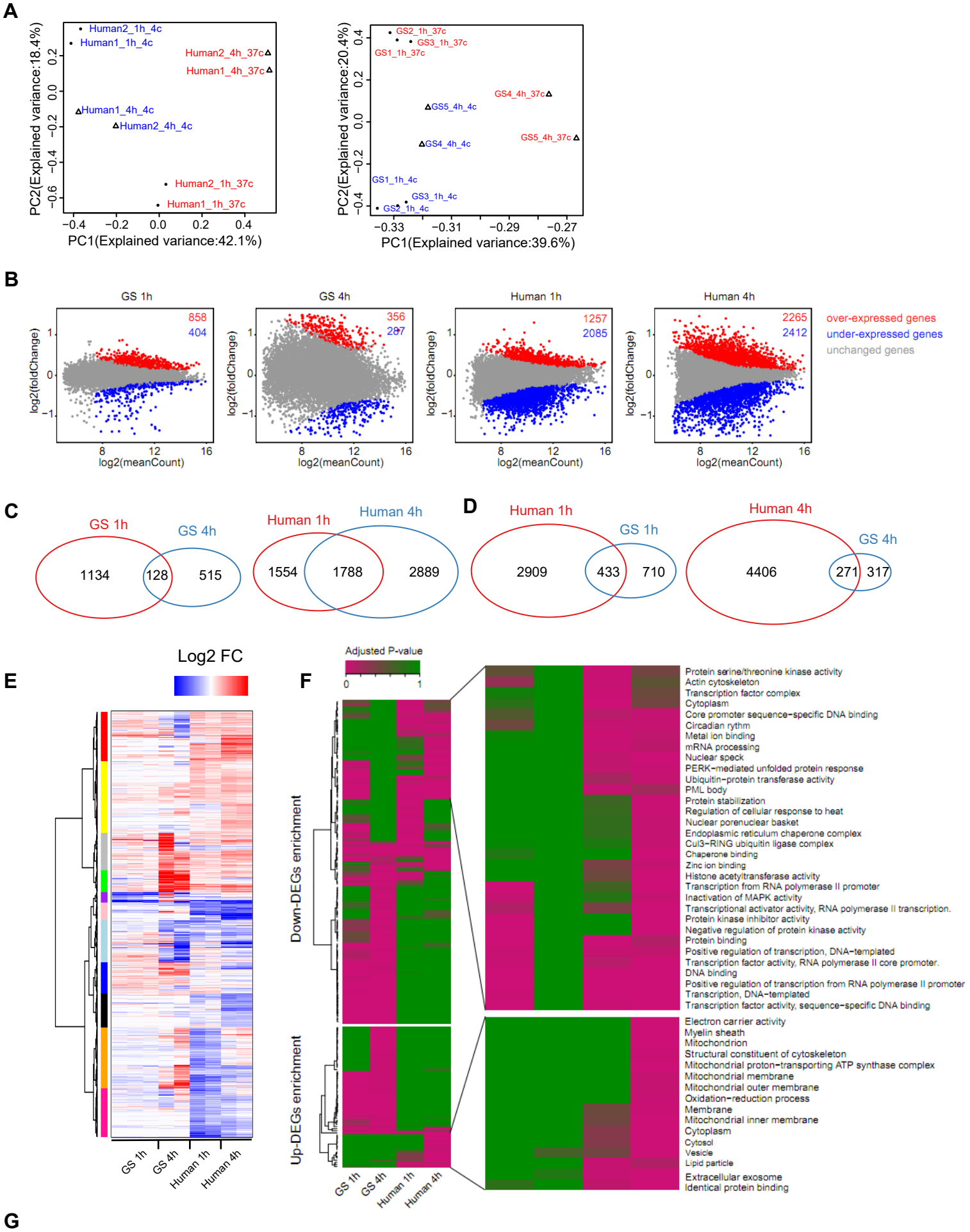
A
Human2_1h_4c
Human1_1h_4c
Human2_4h_37c
Human1_4h_37c
Human1_4h_4c
Human2_4h_4c
Human2_1h_37c
Human1_1h_37c
PC2(Explained variance:18.4%)
PC1(Explained variance:42.1%)
GS2_1h_37c
GS3_1h_37c
GS1_1h_37c
GS4_4h_37c
GS5_4h_4c
GS5_4h_37c
GS4_4h_4c
GS1_1h_4c
GS3_1h_4c
GS2_1h_4c
PC2(Explained variance:20.4%)
PC1(Explained variance:39.6%)
B
GS 1h
GS 4h
Human 1h
Human 4h
858
404
356
287
1257
2085
2265
2412
over-expressed genes
under-expressed genes
unchanged genes
log2(foldChange)
log2(meanCount)
C
GS 1h
GS 4h
1134
128
515
Human 1h
Human 4h
1554
1788
2889
D
Human 1h
GS 1h
2909
433
710
Human 4h
GS 4h
4406
271
317
E
Log2 FC
GS 1h
GS 4h
Human 1h
Human 4h
F
Adjusted P-value
0
1
Down-DEGs enrichment
Up-DEGs enrichment
Protein serine/threonine kinase activity
Actin cytoskeleton
Transcription factor complex
Cytoplasm
Core promoter sequence-specific DNA binding
Circadian rythm
Metal ion binding
mRNA processing
Nuclear speck
PERK-mediated unfolded protein response
Ubiquitin-protein transferase activity
PML body
Protein stabilization
Regulation of cellular response to heat
Nuclear porenuclear basket
Endoplasmic reticulum chaperone complex
Cul3-RING ubiquitin ligase complex
Chaperone binding
Zinc ion binding
Histone acetyltransferase activity
Transcription from RNA polymerase II promoter
Inactivation of MAPK activity
Transcriptional activator activity, RNA polymerase II transcription.
Protein kinase inhibitor activity
Negative regulation of protein kinase activity
Protein binding
Positive regulation of transcription, DNA-templated
Transcription factor activity, RNA polymerase II core promoter.
DNA binding
Positive regulation of transcription from RNA polymerase II promoter
Transcription, DNA-templated
Transcription factor activity, sequence-specific DNA binding
Electron carrier activity
Myelin sheath
Mitochondrion
Structural constituent of cytoskeleton
Mitochondrial proton-transporting ATP synthase complex
Mitochondrial membrane
Mitochondrial outer membrane
Oxidation-reduction process
Membrane
Mitochondrial inner membrane
Cytoplasm
Cytosol
Vesicle
Lipid particle
Extracellular exosome
Identical protein binding
G
TBB3_HUMAN | Q13509 SGAGNNWAKGHYTEGAE 95 - 111
TBB3_MOUSE | Q9ERD7 SGAGNNWAKGHYTEGAE 95 - 111
TBB3_RAT | Q4QRB4 SGAGNNWAKGHYTEGAE 95 - 111
I3MXL4_ICTTR | I3MXL4 SGAGNNWAKGHYTEGAE 95 - 111
TBB3_HUMAN | Q13509 EESEAQGPK 442 - 450
TBB3_MOUSE | Q9ERD7 EESEAQGPK 442 - 450
TBB3_RAT | Q4QRB4 EESEAQGPK 442 - 450
I3MXL4_ICTTR | I3MXL4 EESEAQGPK 442 - 450