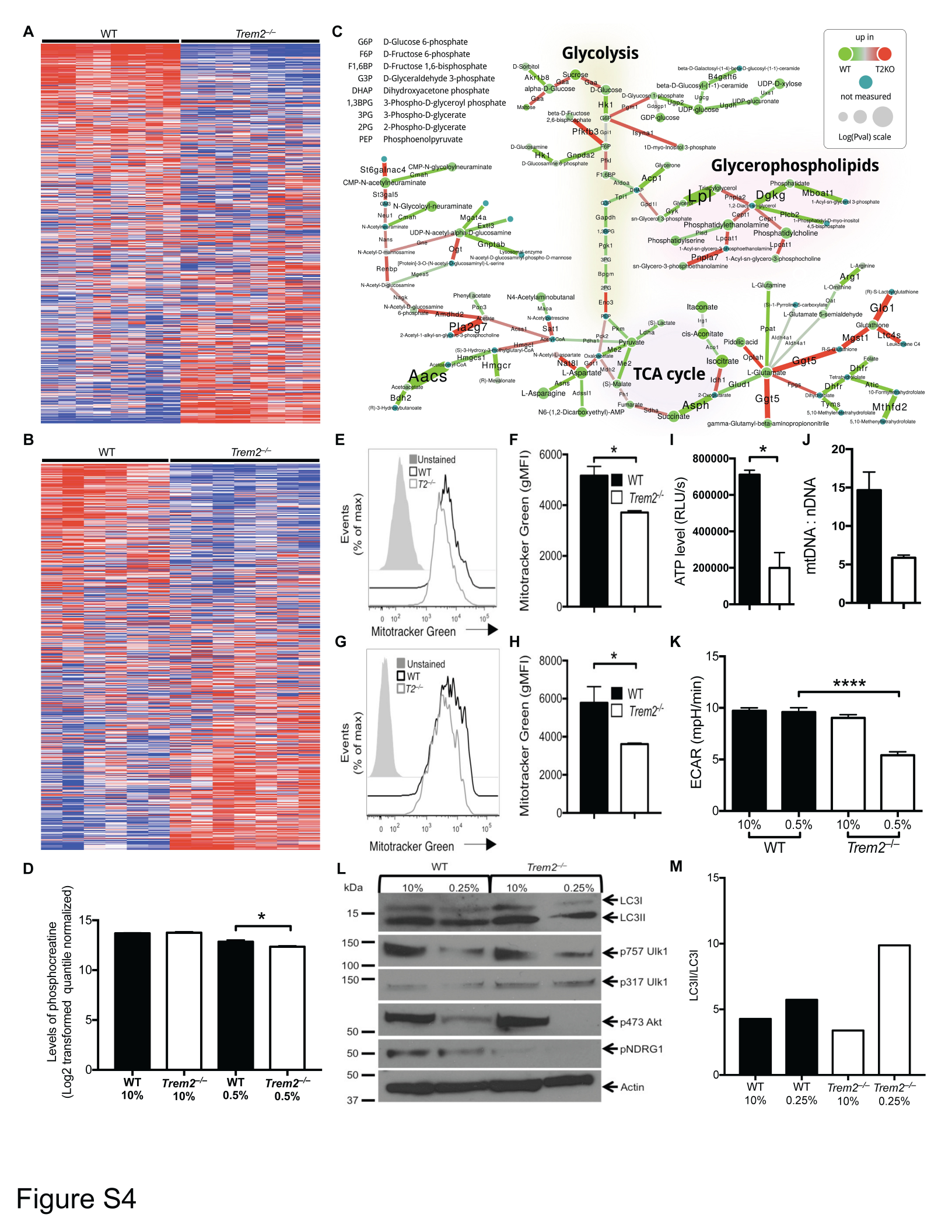
A
WT
Trem2−/−
B
WT
Trem2−/−
C
G6P D-Glucose 6-phosphate
F6P D-Fructose 6-phosphate
F1,6BP D-Fructose 1,6-bisphosphate
G3P D-Glyceraldehyde 3-phosphate
DHAP Dihydroxyacetone phosphate
1,3BPG 3-Phospho-D-glyceroyl phosphate
3PG 3-Phospho-D-glycerate
2PG 2-Phospho-D-glycerate
PEP Phosphoenolpyruvate
Glycolysis
Glycerophospholipids
TCA cycle
up in
WT
T2KO
not measured
Log(Pval) scale
D
Levels of phosphocreatine (Log2 transformed quantile normalized)
WT 10%
Trem2−/− 10%
WT 0.5%
Trem2−/− 0.5%
E
Unstained
WT
T2−/−
Events (% of max)
Mitotracker Green
F
Mitotracker Green (gMFI)
WT
Trem2−/−
G
Unstained
WT
T2−/−
Events (% of max)
Mitotracker Green
H
Mitotracker Green (gMFI)
WT
Trem2−/−
I
ATP level (RLU/s)
J
mtDNA : nDNA
K
ECAR (mpH/min)
10%
0.5%
WT
Trem2−/−
L
WT
Trem2−/−
kDa
10%
0.25%
LC3I
LC3II
p757 Ulk1
p317 Ulk1
p473 Akt
pNDRG1
Actin
M
LC3II/LC3I
WT 10%
WT 0.25%
Trem2−/− 10%
Trem2−/− 0.25%

Figure S4