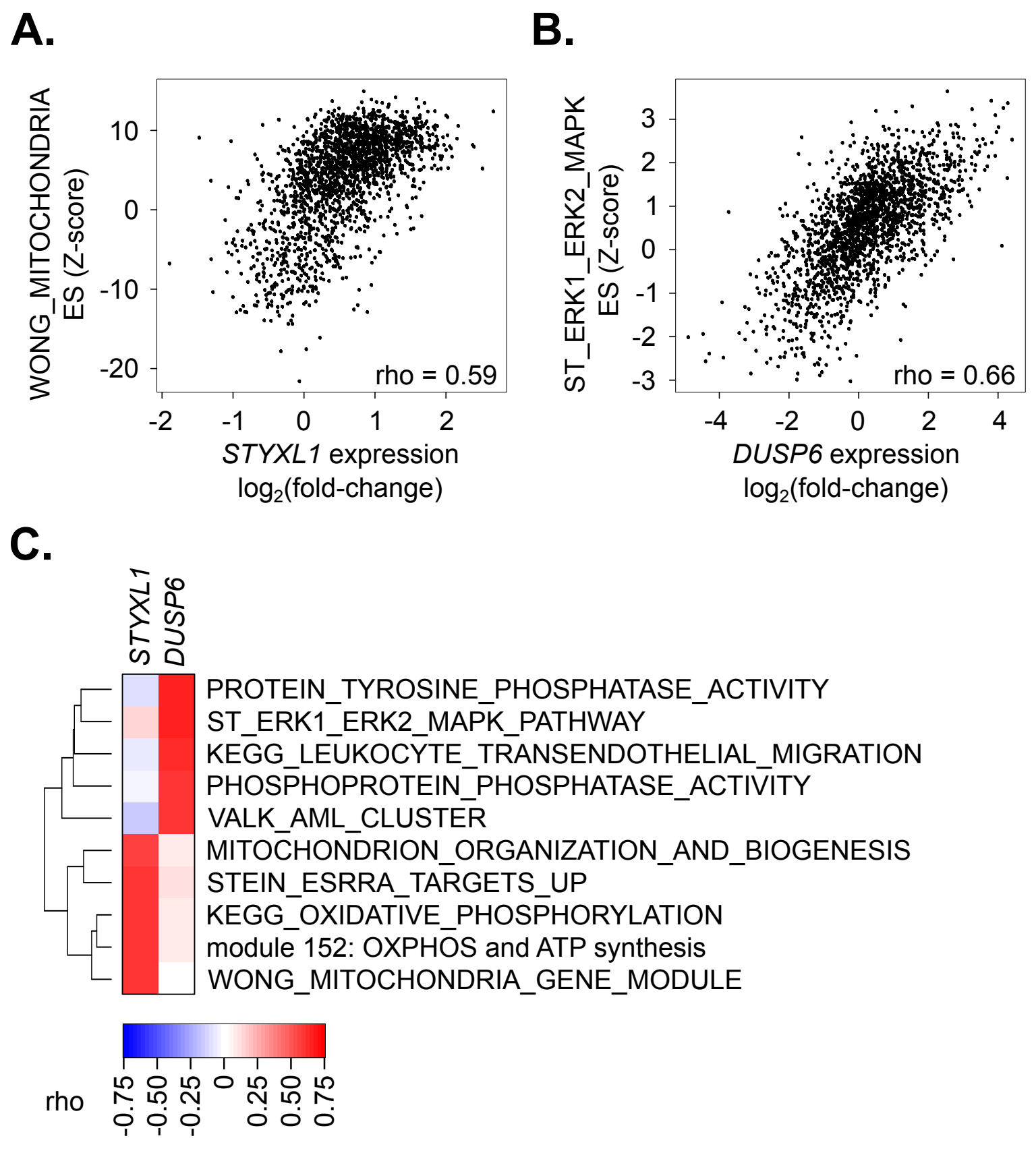
A.
WONG_MITOCHONDRIA
ES (Z-score)
10
0
-10
-20
rho = 0.59
-2
-1
0
1
2
STYXL1 expression
log2(fold-change)
B.
ST_ERK1_ERK2_MAPK
ES (Z-score)
3
2
1
0
-1
-2
-3
rho = 0.66
-4
-2
0
2
4
DUSP6 expression
log2(fold-change)
C.
STYXL1
DUSP6
PROTEIN_TYROSINE_PHOSPHATASE_ACTIVITY
ST_ERK1_ERK2_MAPK_PATHWAY
KEGG_LEUKOCYTE_TRANSENDOTHELIAL_MIGRATION
PHOSPHOPROTEIN_PHOSPHATASE_ACTIVITY
VALK_AML_CLUSTER
MITOCHONDRION_ORGANIZATION_AND_BIOGENESIS
STEIN_ESRRA_TARGETS_UP
KEGG_OXIDATIVE_PHOSPHORYLATION
module 152: OXPHOS and ATP synthesis
WONG_MITOCHONDRIA_GENE_MODULE
rho
-0.75
-0.50
-0.25
0
0.25
0.50
0.75