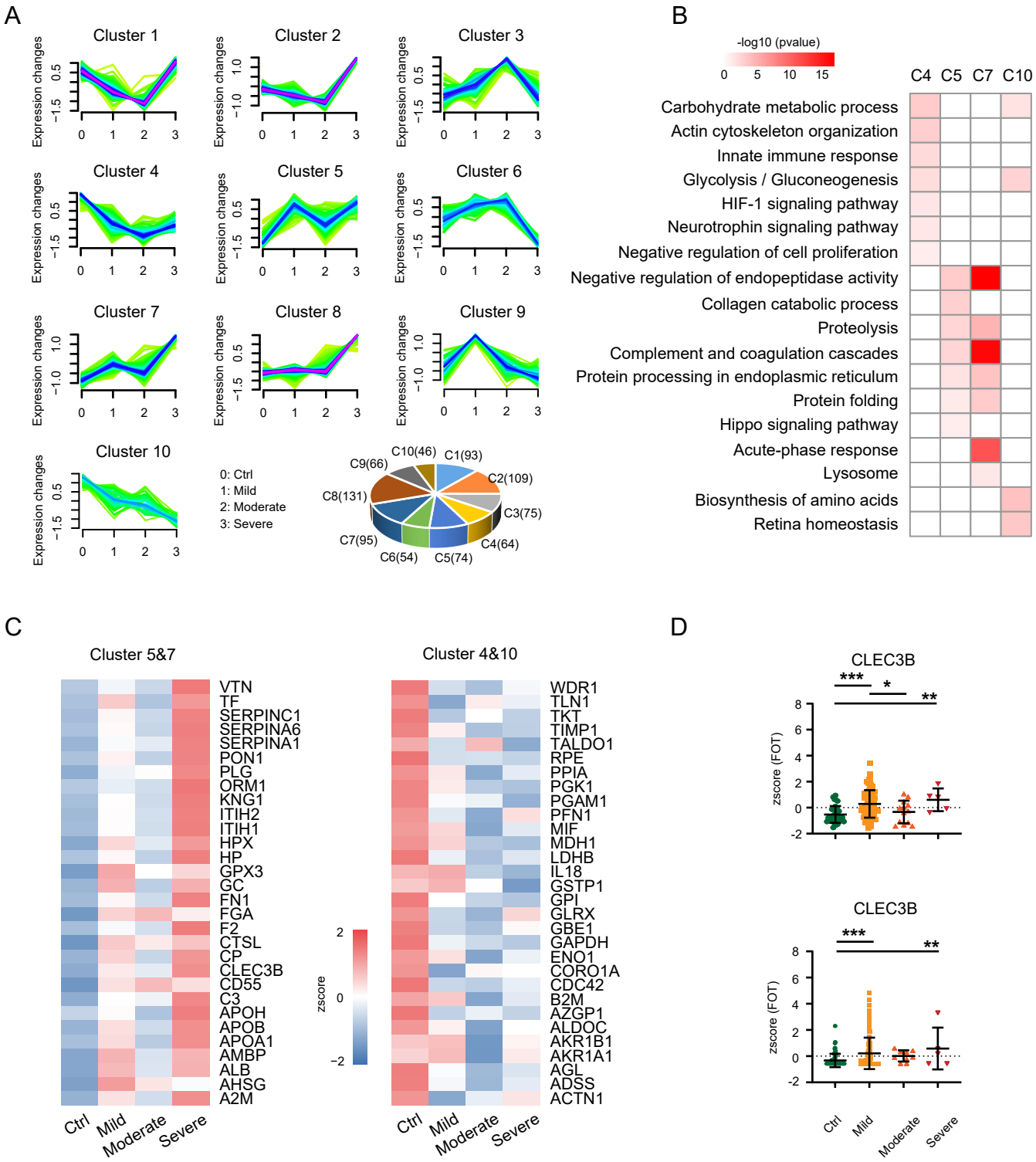
Figure S4


A
Cluster 1
Cluster 2
Cluster 3
Cluster 4
Cluster 5
Cluster 6
Cluster 7
Cluster 8
Cluster 9
Cluster 10
Expression changes
0: Ctrl
1: Mild
2: Moderate
3: Severe
C1(93)
C2(109)
C3(75)
C4(64)
C5(74)
C6(54)
C7(95)
C8(131)
C9(66)
C10(46)
B
-log10 (pvalue)
0 5 10 15
C4 C5 C7 C10
Carbohydrate metabolic process
Actin cytoskeleton organization
Innate immune response
Glycolysis / Gluconeogenesis
HIF-1 signaling pathway
Neurotrophin signaling pathway
Negative regulation of cell proliferation
Negative regulation of endopeptidase activity
Collagen catabolic process
Proteolysis
Complement and coagulation cascades
Protein processing in endoplasmic reticulum
Protein folding
Hippo signaling pathway
Acute-phase response
Lysosome
Biosynthesis of amino acids
Retina homeostasis
C
Cluster 5&7
Cluster 4&10
VTN
TF
SERPINC1
SERPINA6
SERPINA1
PON1
PLG
ORM1
KNG1
ITIH2
ITIH1
HPX
HP
GPX3
GC
FN1
FGA
F2
CTSL
CP
CLEC3B
CD55
C3
APOH
APOB
APOA1
AMBP
ALB
AHSG
A2M
WDR1
TLN1
TKT
TIMP1
TALDO1
RPE
PPIA
PGK1
PGAM1
PFN1
MIF
MDH1
LDHB
IL18
GSTP1
GPI
GLRX
GBE1
GAPDH
ENO1
CORO1A
CDC42
B2M
AZGP1
ALDOC
AKR1B1
AKR1A1
AGL
ADSS
ACTN1
zscore
Ctrl
Mild
Moderate
Severe
D
CLEC3B
zscore (FOT)
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