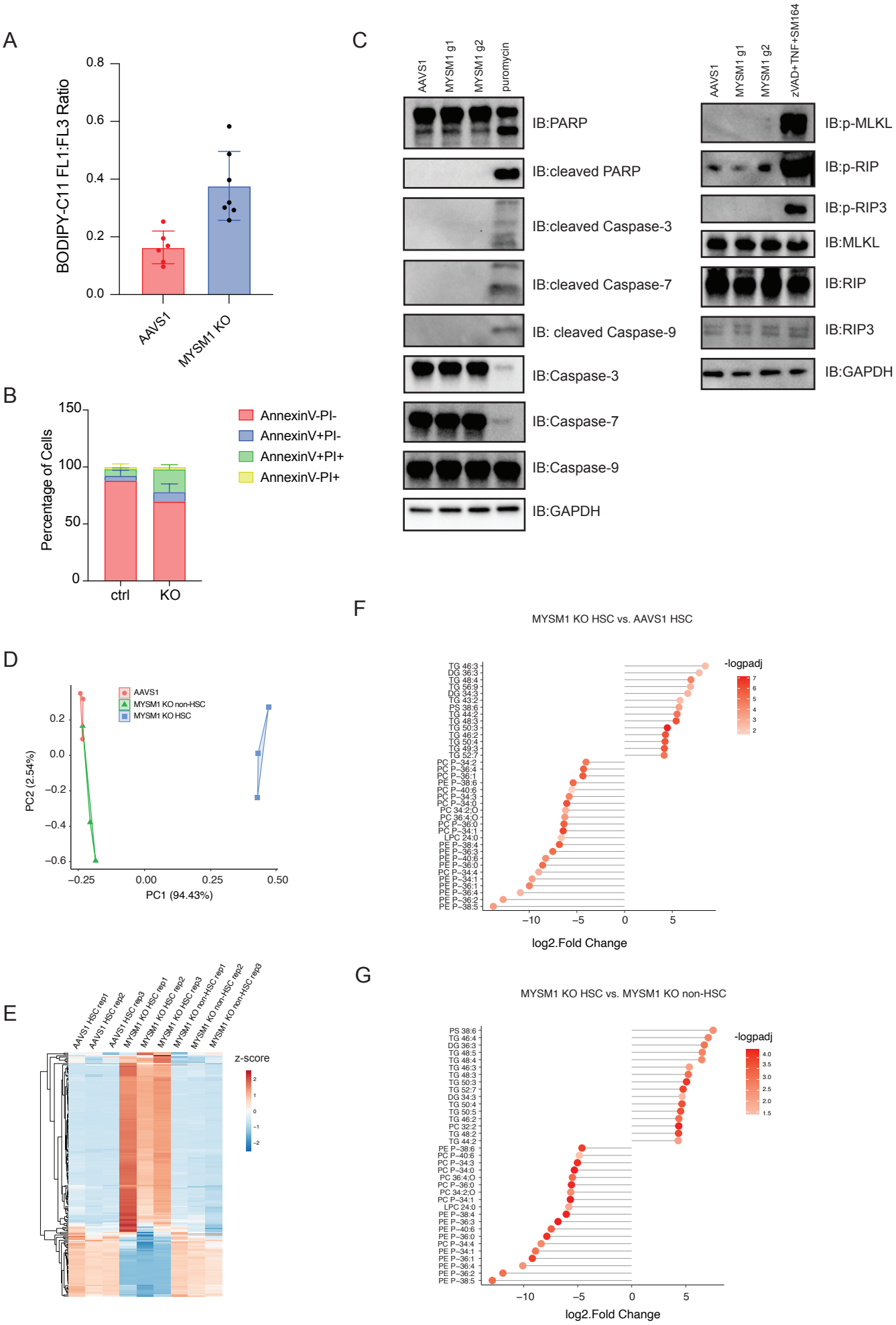
Figure S4


A
BODIPY-C11 FL1:FL3 Ratio
0.8
0.6
0.4
0.2
0.0
AAVS1
MYSM1 KO
B
Percentage of Cells
150
100
50
0
ctrl
KO
AnnexinV-PI-
AnnexinV+PI-
AnnexinV+PI+
AnnexinV-PI+
C
AAVS1
MYSM1 g1
MYSM1 g2
puromycin
IB:PARP
IB:cleaved PARP
IB:cleaved Caspase-3
IB:cleaved Caspase-7
IB: cleaved Caspase-9
IB:Caspase-3
IB:Caspase-7
IB:Caspase-9
IB:GAPDH
AAVS1
MYSM1 g1
MYSM1 g2
zVAD+TNF+SM164
IB:p-MLKL
IB:p-RIP
IB:p-RIP3
IB:MLKL
IB:RIP
IB:RIP3
IB:GAPDH
D
AAVS1
MYSM1 KO non-HSC
MYSM1 KO HSC
PC2 (2.54%)
PC1 (94.43%)
0.2
0.0
−0.2
−0.4
−0.6
−0.25
0.00
0.25
0.50
E
AAVS1 HSC rep1
AAVS1 HSC rep2
AAVS1 HSC rep3
MYSM1 KO HSC rep1
MYSM1 KO HSC rep2
MYSM1 KO HSC rep3
MYSM1 KO non-HSC rep1
MYSM1 KO non-HSC rep2
MYSM1 KO non-HSC rep3
z-score
F
MYSM1 KO HSC vs. AAVS1 HSC
-logpadj
log2.Fold Change
−10
−5
0
5
G
MYSM1 KO HSC vs. MYSM1 KO non-HSC
-logpadj
log2.Fold Change
−10
−5
0
5