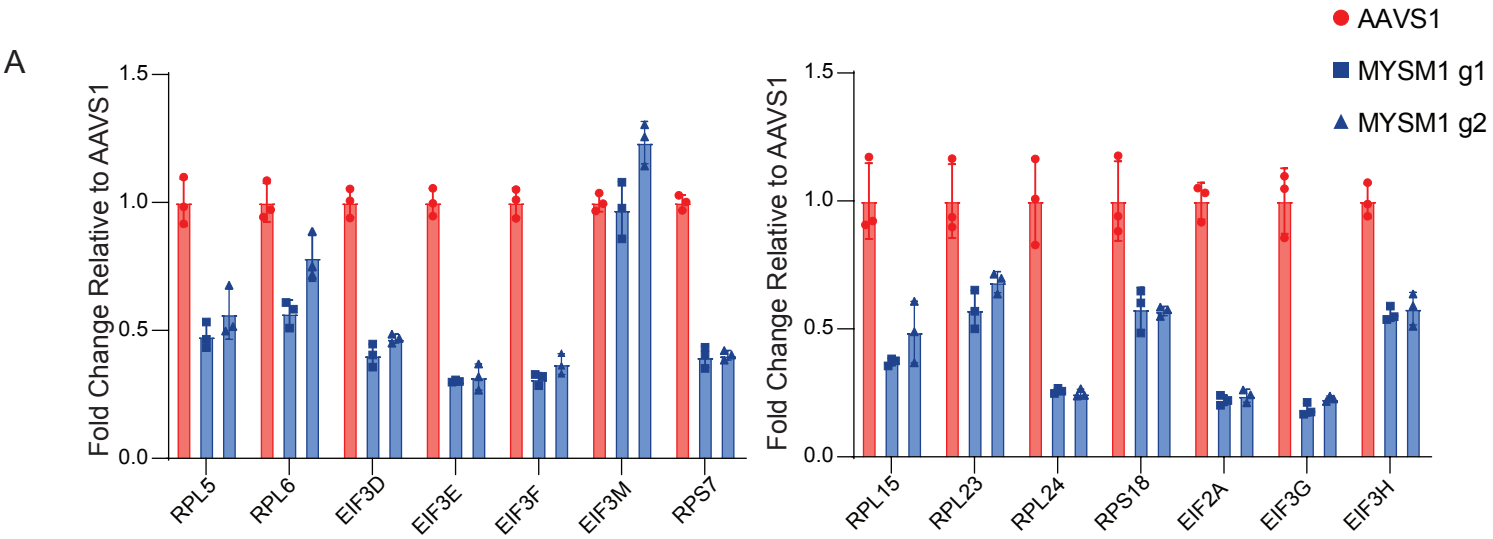
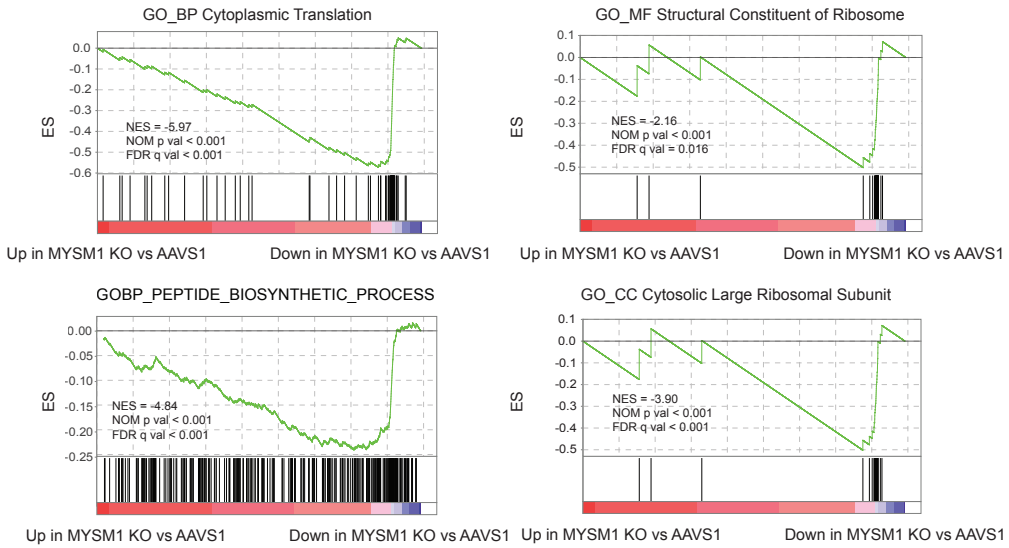
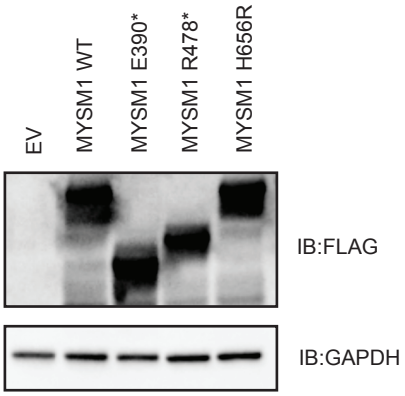
Figure S2


A
AAVS1
MYSM1 g1
MYSM1 g2
Fold Change Relative to AAVS1
1.5
1.0
0.5
0.0
RPL5
RPL6
EIF3D
EIF3E
EIF3F
EIF3M
RPS7
RPL15
RPL23
RPL24
RPS18
EIF2A
EIF3G
EIF3H


B
GO_BP Cytoplasmic Translation
NES = -5.97
NOM p val < 0.001
FDR q val < 0.001
GO_MF Structural Constituent of Ribosome
NES = -2.16
NOM p val < 0.001
FDR q val = 0.016
GOBP_PEPTIDE_BIOSYNTHETIC_PROCESS
NES = -4.84
NOM p val < 0.001
FDR q val < 0.001
GO_CC Cytosolic Large Ribosomal Subunit
NES = -3.90
NOM p val < 0.001
FDR q val < 0.001
ES
Up in MYSM1 KO vs AAVS1
Down in MYSM1 KO vs AAVS1


C
EV
MYSM1 WT
MYSM1 E390*
MYSM1 R478*
MYSM1 H656R
IB:FLAG
IB:GAPDH