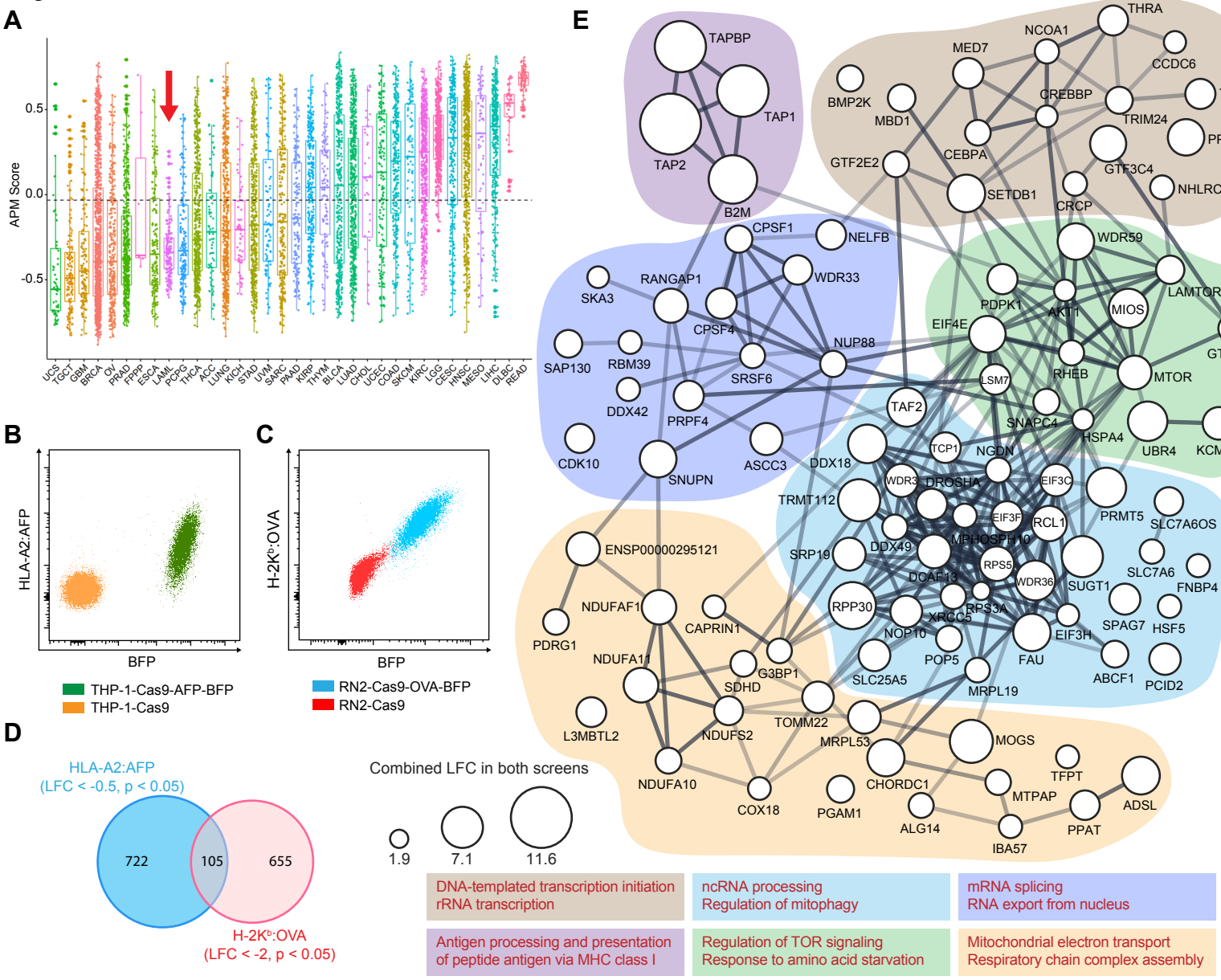
Figure S1


A
APM Score
0.5
0.0
-0.5
UCS TGCT GBM BRCA OV PRAD FPPP ESCA LAML PCPG THCA ACC LUNG KICH STAD UVM SARC PAAD KIRP THYM BLCA LUAD CHOL UCEC COAD SKCM KIRC LGG CESC HNSC MESO LIHC DLBC READ
B
HLA-A2:AFP
BFP
THP-1-Cas9-AFP-BFP
THP-1-Cas9
C
H-2Kᵇ:OVA
BFP
RN2-Cas9-OVA-BFP
RN2-Cas9
D
HLA-A2:AFP
(LFC < -0.5, p < 0.05)
722
105
655
H-2Kᵇ:OVA
(LFC < -2, p < 0.05)
Combined LFC in both screens
1.9
7.1
11.6
E
TAPBP
TAP1
TAP2
B2M
THRA
NCOA1
MED7
CCDC6
BMP2K
MBD1
CREBBP
TAF1B
TRIM24
PPIL2
GTF2E2
CEBPA
GTF3C4
NHLRC2
SETDB1
CRCP
CPSF1
NELFB
WDR59
SKA3
RANGAP1
WDR33
LAMTOR3
PDPK1
AKT1
MIOS
CPSF4
EIF4E
GTF3C1
SAP130
RBM39
NUP88
SRSF6
LSM7
RHEB
MTOR
DDX42
PRPF4
TAF2
SNAPC4
HSPA4
UBR4
KCMF1
CDK10
ASCC3
TCP1
NGDN
DDX18
SNUPN
WDR3
DROSHA
EIF3C
TRMT112
PRMT5
SLC7A6OS
EIF3F
RCL1
ENSP00000295121
SRP19
DDX49
MPHOSPH10
RPS5
SLC7A6
DCAF13
WDR36
SUGT1
FNBP4
NDUFAF1
RPP30
RPS3A
XRCC5
SPAG7
HSF5
PDRG1
CAPRIN1
NOP10
EIF3H
NDUFA11
G3BP1
POP5
FAU
ABCF1
PCID2
SDHD
SLC25A5
MRPL19
L3MBTL2
TOMM22
NDUFS2
MRPL53
MOGS
TFPT
NDUFA10
CHORDC1
MTPAP
ADSL
COX18
PGAM1
ALG14
PPAT
IBA57
DNA-templated transcription initiation
rRNA transcription
ncRNA processing
Regulation of mitophagy
mRNA splicing
RNA export from nucleus
Antigen processing and presentation
of peptide antigen via MHC class I
Regulation of TOR signaling
Response to amino acid starvation
Mitochondrial electron transport
Respiratory chain complex assembly