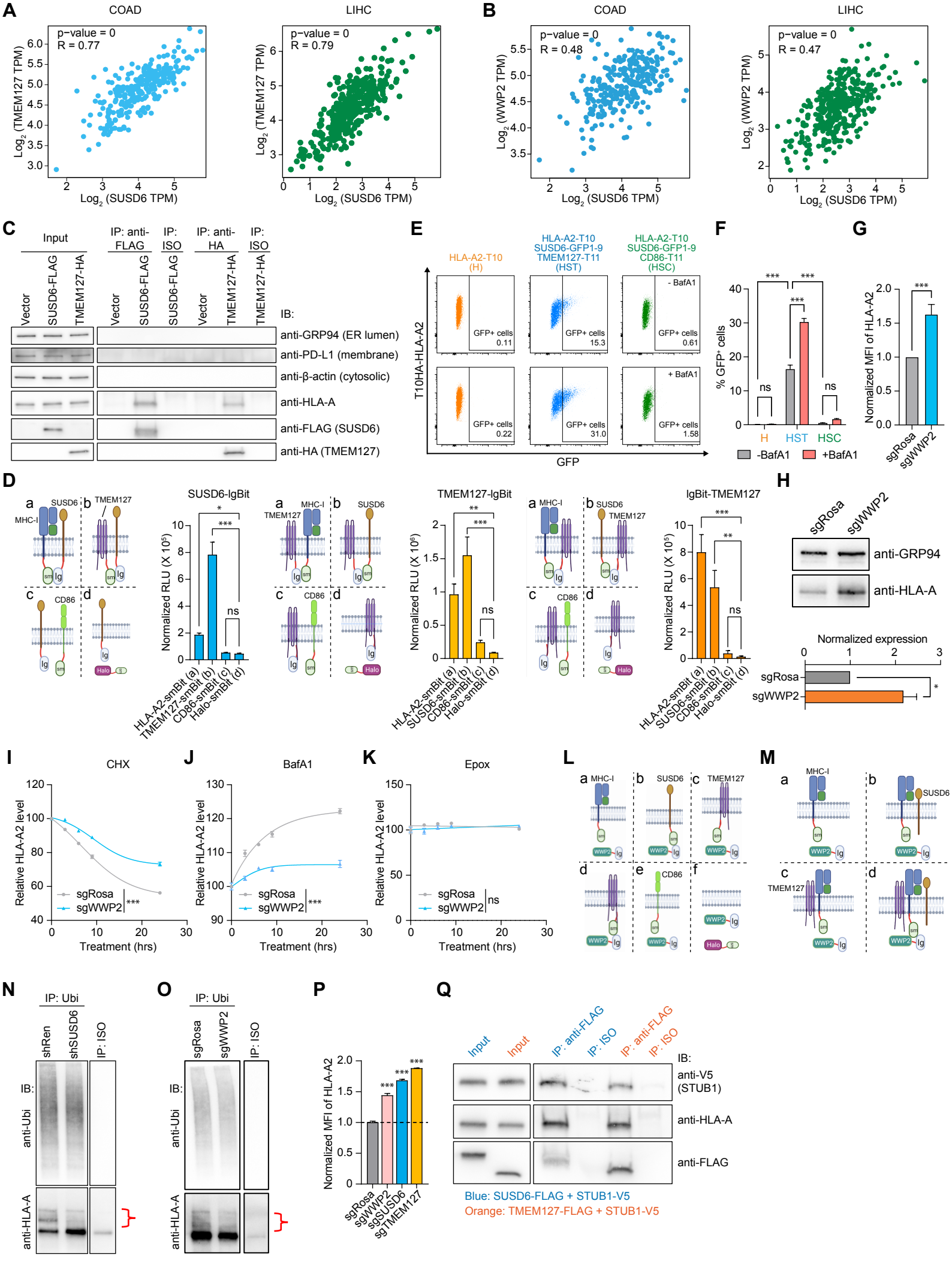
Figure S6


A
COAD
p−value = 0
R = 0.77
LIHC
p−value = 0
R = 0.79
Log2 (TMEM127 TPM)
Log2 (SUSD6 TPM)
B
COAD
p−value = 0
R = 0.48
LIHC
p−value = 0
R = 0.47
Log2 (WWP2 TPM)
Log2 (SUSD6 TPM)
C
Input
IP: anti-FLAG
IP: ISO
IP: anti-HA
IP: ISO
Vector
SUSD6-FLAG
TMEM127-HA
IB:
anti-GRP94 (ER lumen)
anti-PD-L1 (membrane)
anti-β-actin (cytosolic)
anti-HLA-A
anti-FLAG (SUSD6)
anti-HA (TMEM127)
E
HLA-A2-T10 (H)
HLA-A2-T10 SUSD6-GFP1-9 TMEM127-T11 (HST)
HLA-A2-T10 SUSD6-GFP1-9 CD86-T11 (HSC)
- BafA1
+ BafA1
GFP+ cells 0.11
GFP+ cells 15.3
GFP+ cells 0.61
GFP+ cells 0.22
GFP+ cells 31.0
GFP+ cells 1.58
T10HA-HLA-A
GFP
F
% GFP+ cells
H
HST
HSC
-BafA1
+BafA1
G
Normalized MFI of HLA-A2
sgRosa
sgWWP2
D
SUSD6-IgBit
TMEM127-IgBit
IgBit-TMEM127
Normalized RLU (X 10^5)
Normalized RLU (X 10^6)
HLA-A2-smBit (a)
TMEM127-smBit (b)
CD86-smBit (c)
Halo-smBit (d)
H
sgRosa
sgWWP2
anti-GRP94
anti-HLA-A
Normalized expression
I
CHX
Relative HLA-A2 level
Treatment (hrs)
J
BafA1
K
Epox
L
M
N
IP: Ubi
shRen
shSUSD6
IP: ISO
IB:
anti-Ubi
anti-HLA-A
O
IP: Ubi
sgRosa
sgWWP2
IP: ISO
P
Normalized MFI of HLA-A2
sgRosa
sgWWP2
sgSUSD6
sgTMEM127
Q
Input
IP: anti-FLAG
IP: ISO
IB:
anti-V5 (STUB1)
anti-HLA-A
anti-FLAG
Blue: SUSD6-FLAG + STUB1-V5
Orange: TMEM127-FLAG + STUB1-V5