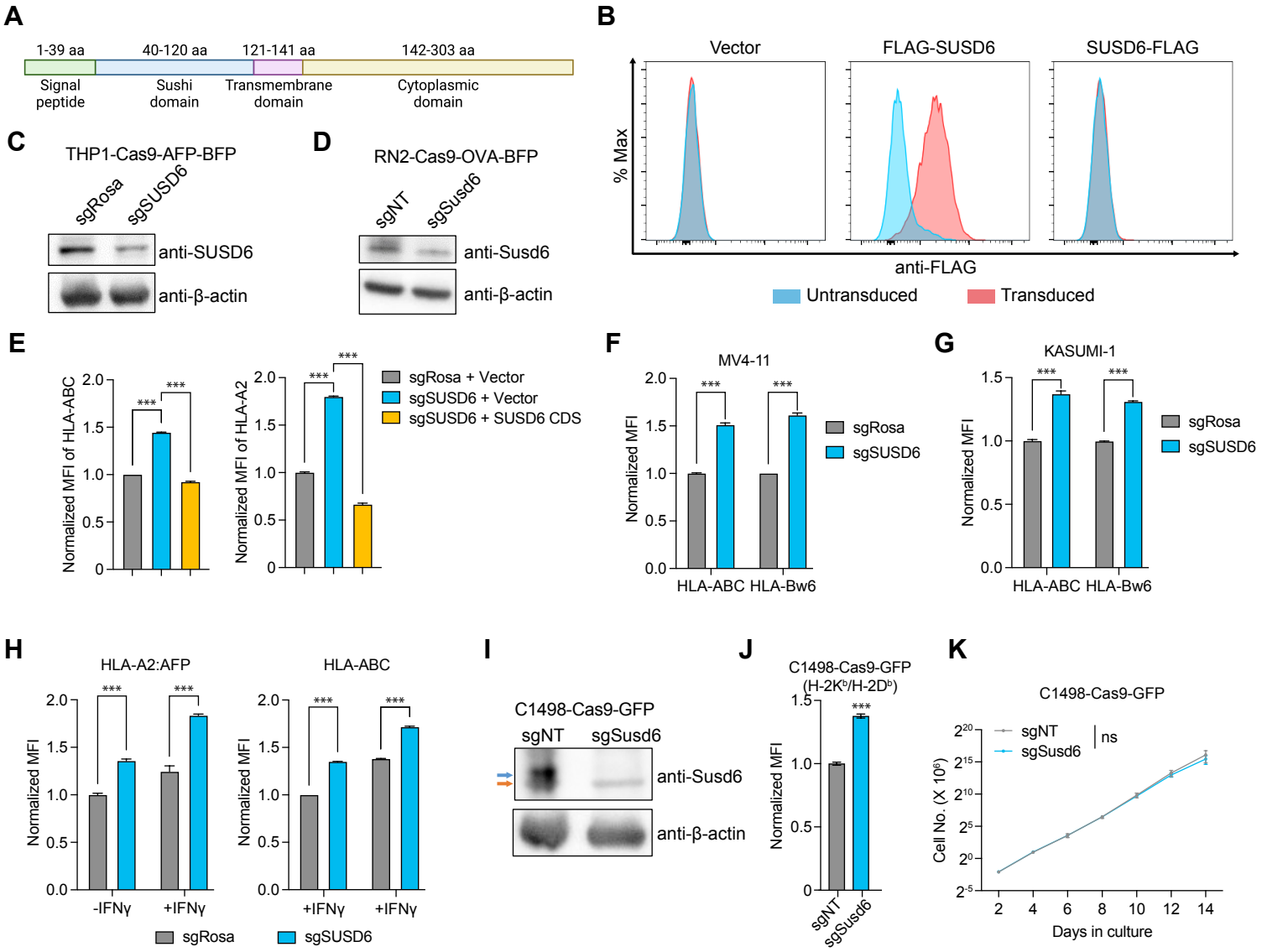
Figure S3


A
1-39 aa
40-120 aa
121-141 aa
142-303 aa
Signal peptide
Sushi domain
Transmembrane domain
Cytoplasmic domain
B
Vector
FLAG-SUSD6
SUSD6-FLAG
% Max
anti-FLAG
Untransduced
Transduced
C
THP1-Cas9-AFP-BFP
sgRosa
sgSUSD6
anti-SUSD6
anti-β-actin
D
RN2-Cas9-OVA-BFP
sgNT
sgSusd6
anti-Susd6
anti-β-actin
E
Normalized MFI of HLA-ABC
Normalized MFI of HLA-A2
sgRosa + Vector
sgSUSD6 + Vector
sgSUSD6 + SUSD6 CDS
F
MV4-11
Normalized MFI
sgRosa
sgSUSD6
HLA-ABC
HLA-Bw6
G
KASUMI-1
Normalized MFI
sgRosa
sgSUSD6
HLA-ABC
HLA-Bw6
H
HLA-A2:AFP
HLA-ABC
Normalized MFI
-IFNγ
+IFNγ
sgRosa
sgSUSD6
I
C1498-Cas9-GFP
sgNT
sgSusd6
anti-Susd6
anti-β-actin
J
C1498-Cas9-GFP
(H-2Kᵇ/H-2Dᵇ)
Normalized MFI
sgNT
sgSusd6
K
C1498-Cas9-GFP
sgNT
sgSusd6
ns
Cell No. (X 10⁶)
Days in culture