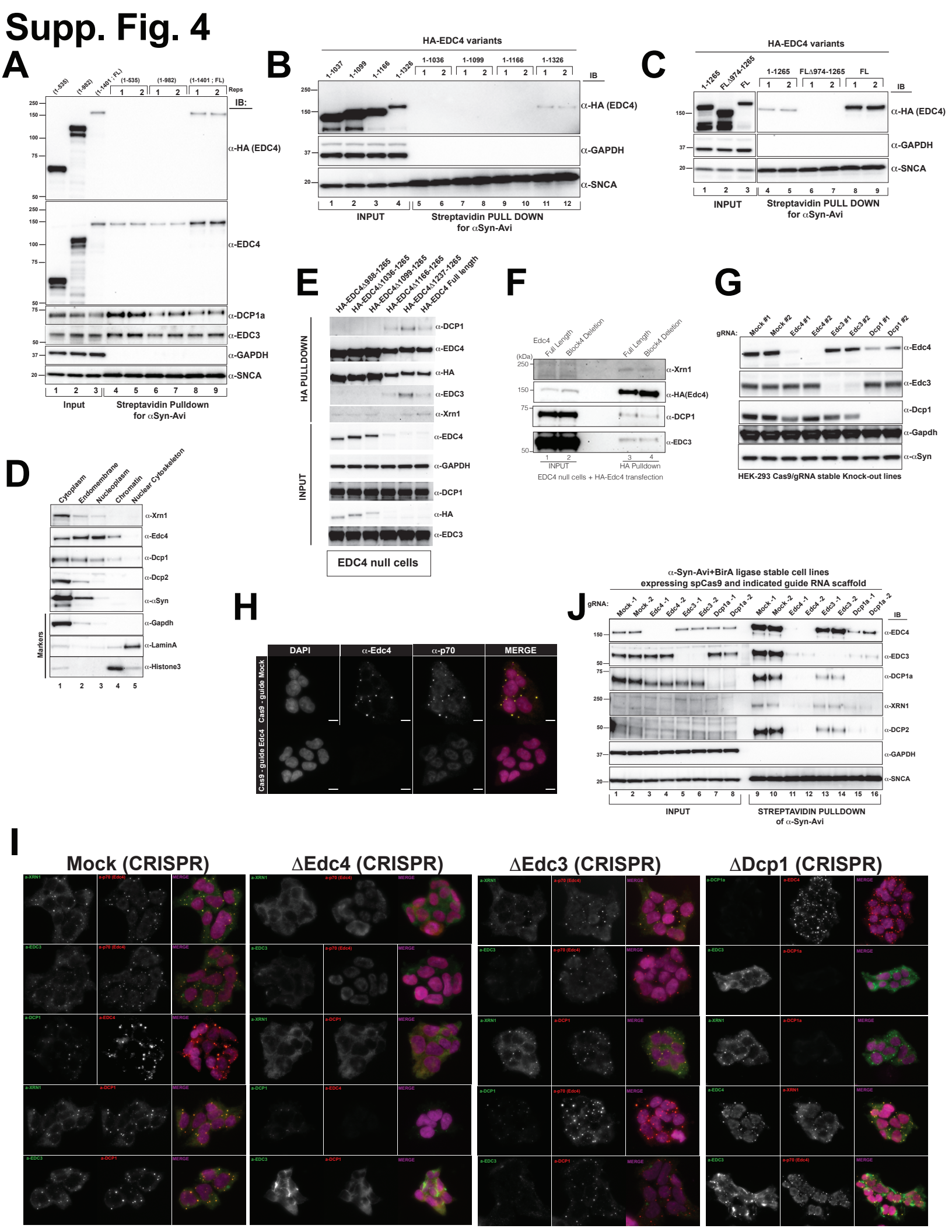
Supp. Fig. 4


A
B
C
D
E
F
G
H
I
J
HA-EDC4 variants
IB
α-HA (EDC4)
α-GAPDH
α-SNCA
INPUT
Streptavidin PULL DOWN for αSyn-Avi
α-EDC4
α-DCP1a
α-EDC3
Input
Streptavidin Pulldown for αSyn-Avi
Cytoplasm
Endomembrane
Nucleoplasm
Chromatin
Nuclear Cytoskeleton
α-Xrn1
α-Edc4
α-Dcp1
α-Dcp2
α-αSyn
α-Gapdh
α-LaminA
α-Histone3
Markers
HA PULLDOWN
INPUT
α-DCP1
α-HA
α-Xrn1
EDC4 null cells
Edc4
Full Length
Block4 Deletion
HA Pulldown
EDC4 null cells + HA-Edc4 transfection
gRNA:
α-Edc4
α-Edc3
α-Dcp1
α-Gapdh
α-αSyn
HEK-293 Cas9/gRNA stable Knock-out lines
DAPI
α-Edc4
α-p70
MERGE
Cas9 - guide Mock
Cas9 - guide Edc4
α-Syn-Avi+BirA ligase stable cell lines
expressing spCas9 and indicated guide RNA scaffold
α-XRN1
α-DCP2
STREPTAVIDIN PULLDOWN of α-Syn-Avi
Mock (CRISPR)
ΔEdc4 (CRISPR)
ΔEdc3 (CRISPR)
ΔDcp1 (CRISPR)