HIV-1 Env associates with HLA-C free-chains at the cell membrane modulating viral infectivity

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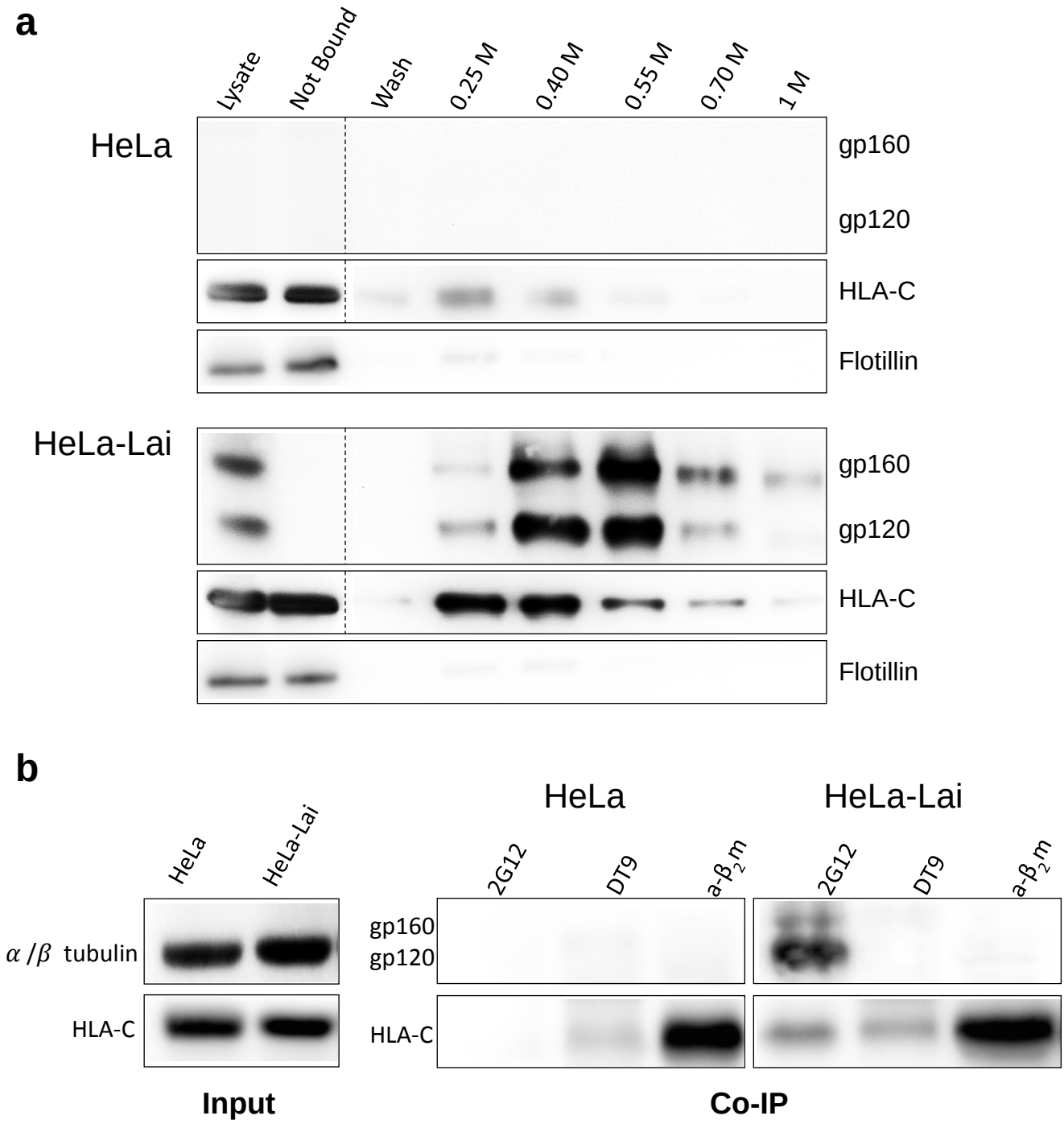
Supplementary Video S1: Analysis of the localization of Env and HLA-C

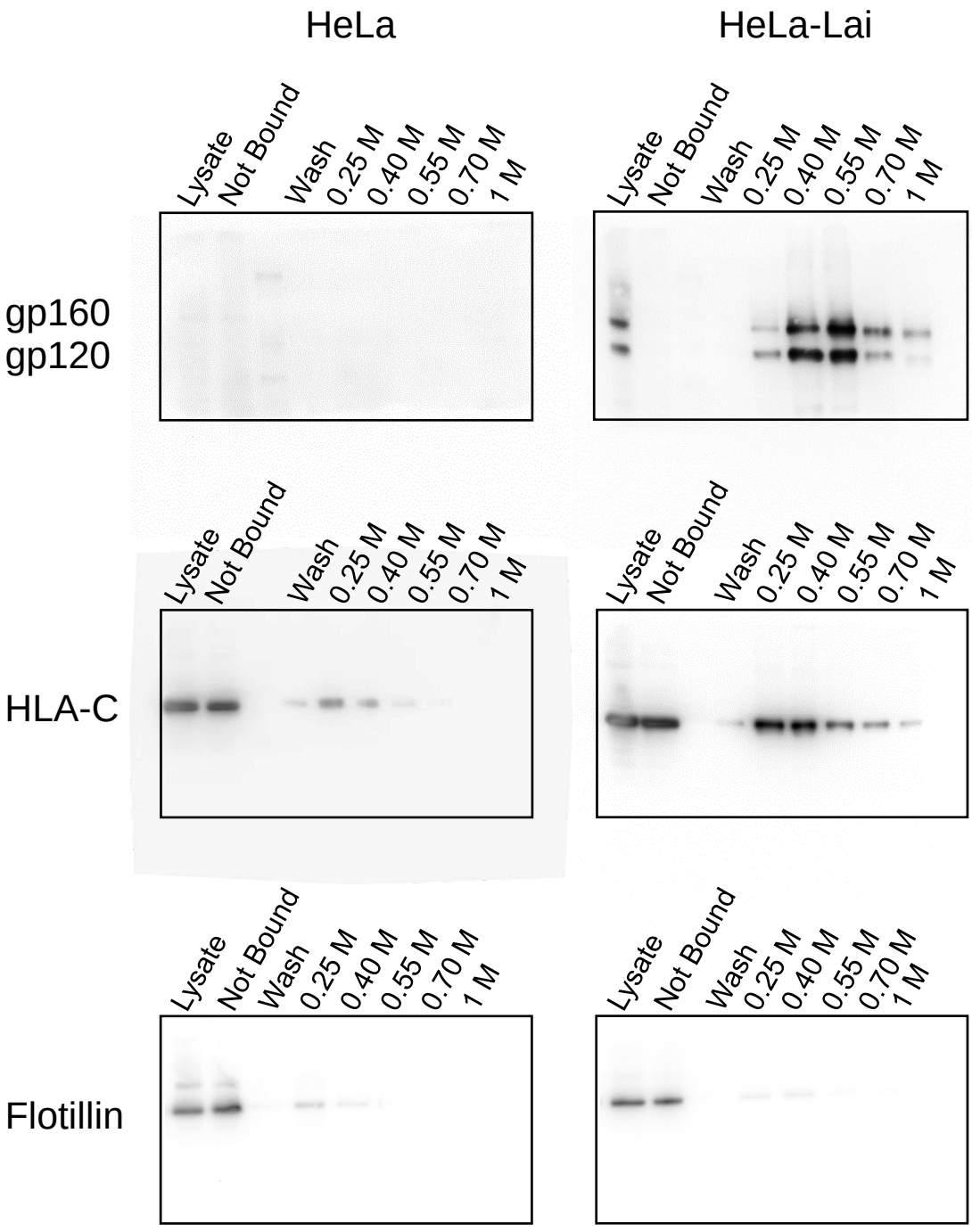
All the z-stacks of a cell transfected with Env-Yn and HLA-C-Yc show the complementation of the YFP (green signal), confirming the association between Env and HLA-C in membrane clusters. β_2m is labelled in red.

Figure 7


a
Lysate
Not Bound
Wash
0.25 M
0.40 M
0.55 M
0.70 M
1 M
HeLa
gp160
gp120
HLA-C
Flotillin
HeLa-Lai
gp160
gp120
HLA-C
Flotillin
b
HeLa
HeLa-Lai
α /β tubulin
HLA-C
Input
HeLa
HeLa-Lai
2G12
DT9
a-β2m
gp160
gp120
HLA-C
Co-IP

Supplementary Figure 1a: Original Western blots

The original images for Western blots showed in figure 7a.



Supplementary Figure 1b: Original Western blots

The original images for Western blots showed in figure 7b.