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Authors
Hauser, Heiko
Lopez, Lisa A
Yang, Su
et al.

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HIV-1 Vpu and HIV-2 Env counteract BST-2/tetherin by sequestration in a perinuclear compartment

Heiko Hauser1, Lisa A Lopez1, Su Jung Yang1, Jill E Oldenburg1, Colin M Exline1, John C Guatelli2 and Paula M Cannon1*

Correction
A confocal image in Figure 3B of Hauser et al. 2010 [1], showing TGN staining of Vphu-HcRed expressing cells (middle row,) was incorrect. This image has now been replaced with the correct image.

Additional material
Additional file 1: Updated versions of Figure 3 of Hauser et al. 2010 [1]. Redistribution of tetherin to an intracellular compartment by HIV anti-tetherin factors. (A) The percentage of HeLa cells displaying tetherin concentrated in a perinuclear compartment (PNC) was calculated for 100 cells, from either control (Ctrl.) cells or cells transfected with 2 μg of Vpu or ROD10 Env expression plasmids. Mean +/- SEM is shown for n = 2 independent experiments. (B) HeLa cells transfected with either Vpu (Vphu-HcRed) or ROD10 Env, showed increased concentration of tetherin in a perinuclear compartment (arrowed), that co-stained with the TGN marker, TGN46. The triple color merged image is shown. Scale bars represent 10 μM.

Author details
1Keck School of Medicine of the University of Southern California, California Los Angeles, CA 90089, USA. 2University of California San Diego, 9500 Gilman Dr, La Jolla, CA 92093, California, USA.

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* Correspondence: pcannon@usc.edu
1Keck School of Medicine of the University of Southern California, California Los Angeles, CA 90089, USA
Full list of author information is available at the end of the article

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