

**Translational regulation of APOBEC3G mRNA by Vif requires its
5'UTR and contributes to restoring HIV-1 infectivity**

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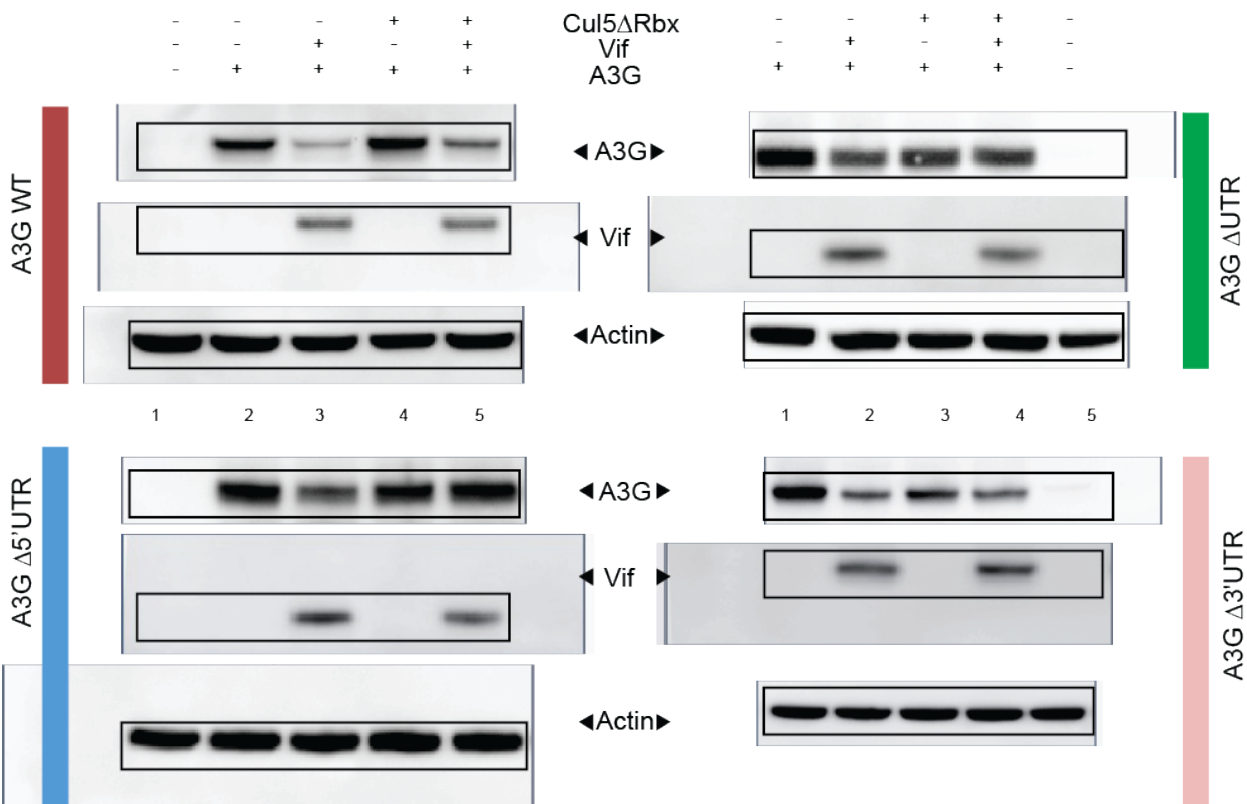
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Supplementary Figure S1. Example of western blot membrane that was cut as indicated to minimize antibody usage.

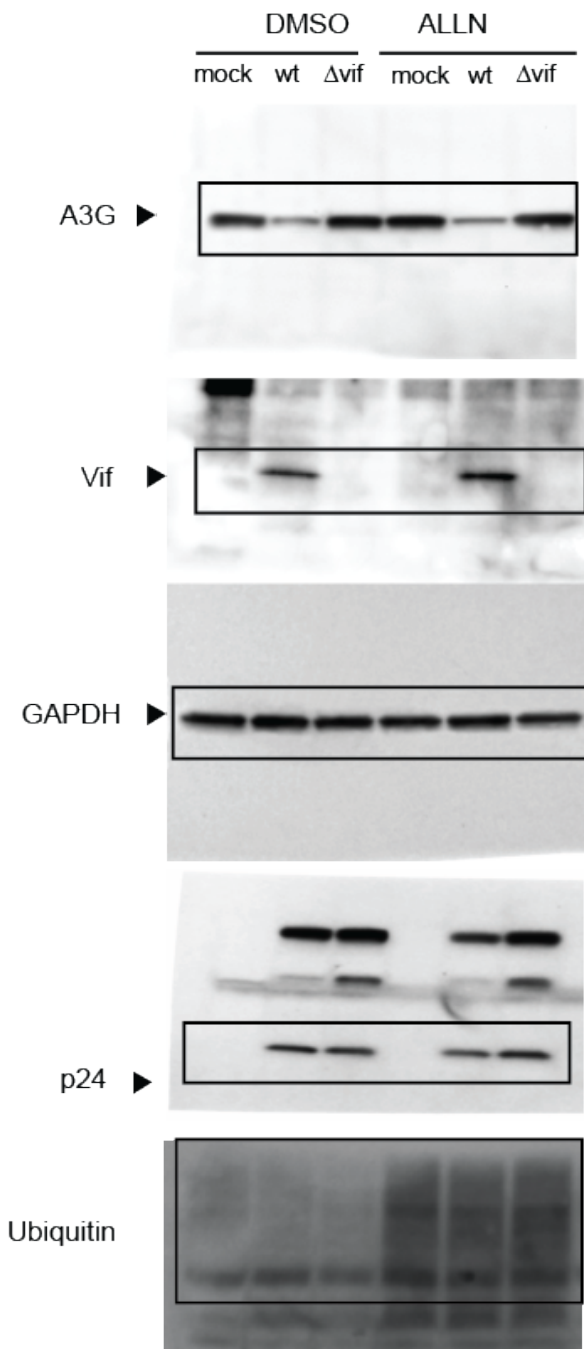


Supplementary Figure S2. Vif inhibits A3G translation in a 5'UTR dependent manner. Full-length blots of Figure 2 showing A3G, Vif, with the actin control that was run on the same gel. Arrows point to the indicated proteins. Parts that have been cropped are boxed.



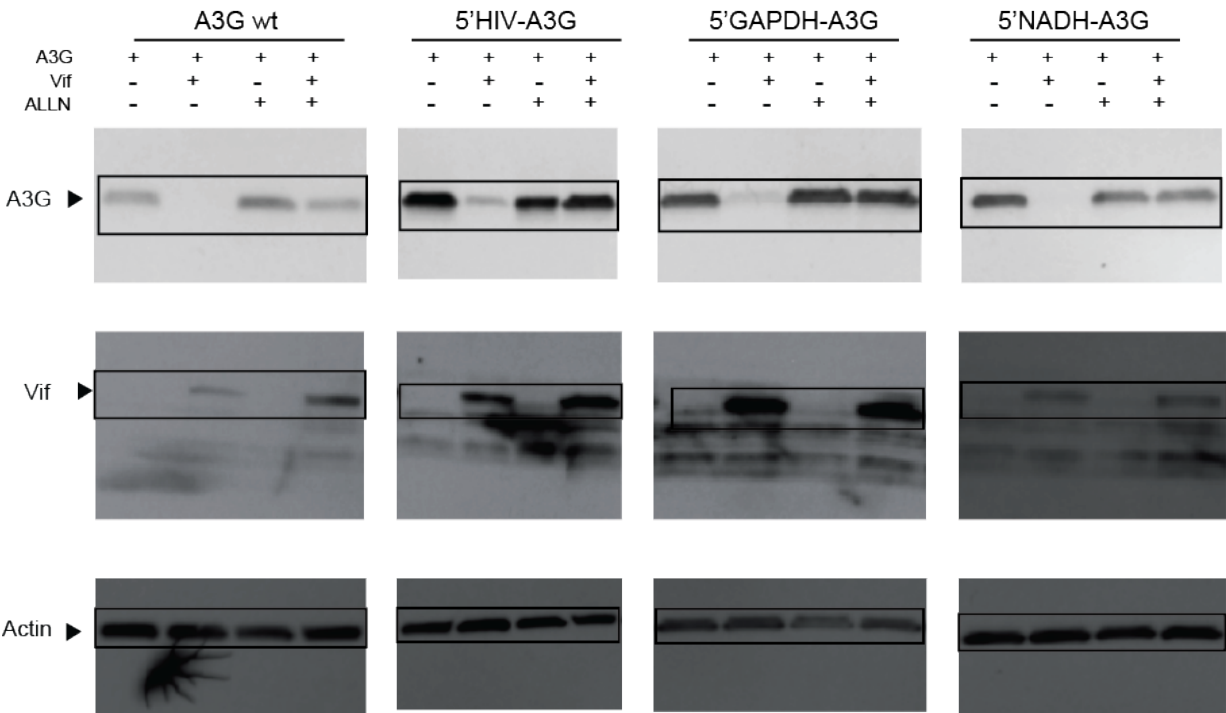
Supplementary Figure S3: Vif inhibits A3G translation in HIV-1 chronically

infected H9 cells. Full-length blots of Figure 3, showing A3G, Vif, p24, Ubiquitin with the GAPDH control that was run on the same gel. Arrows point to the indicated proteins. Parts that have been cropped are boxed.



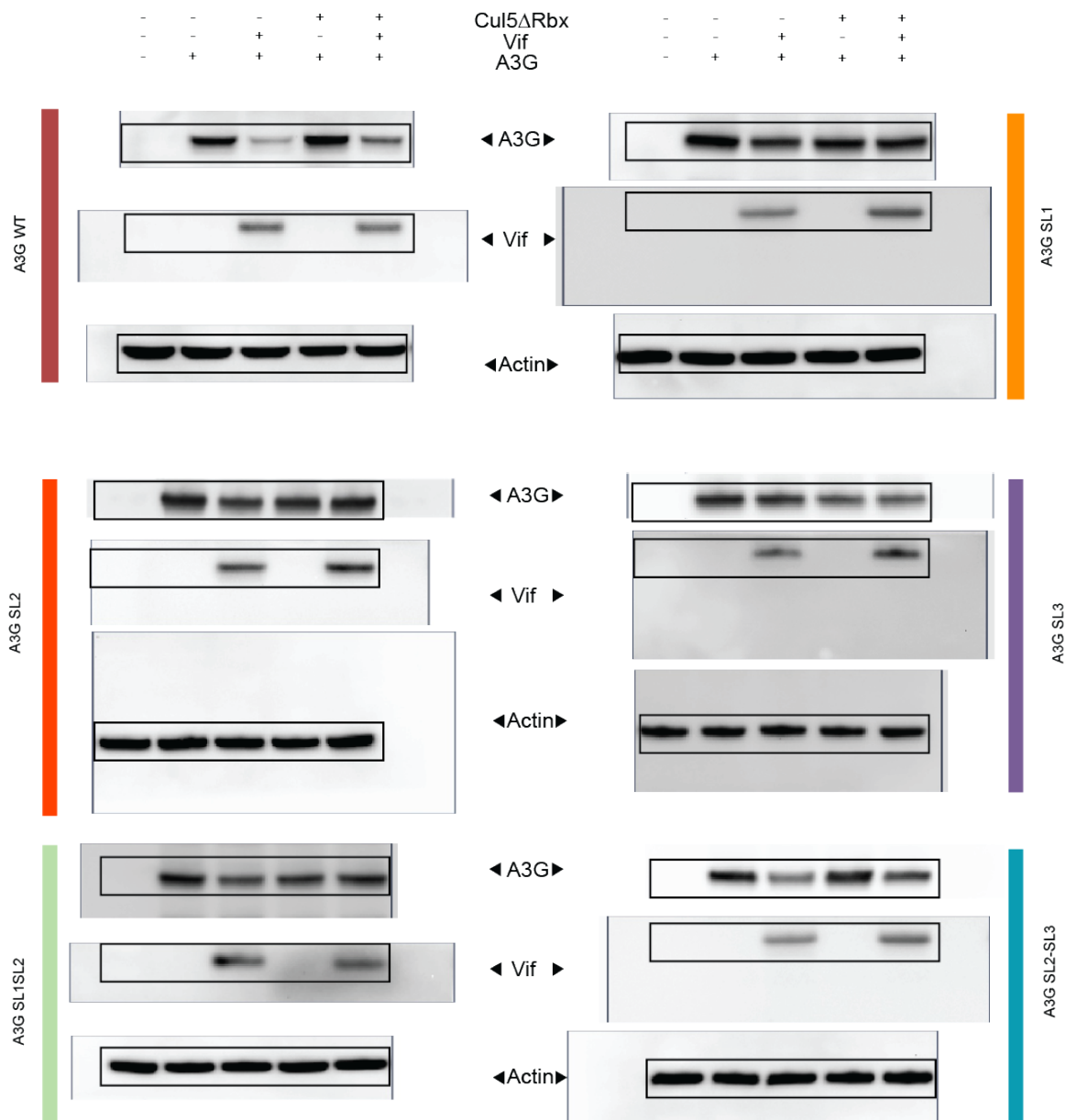
Supplementary Figure S4: Heterologous 5'UTRs do not allow inhibition of A3G

translation by Vif. Full-length blots of Figure 4, showing A3G, Vif, with the Actin control that was run on the same gel. Parts that have been cropped are boxed.



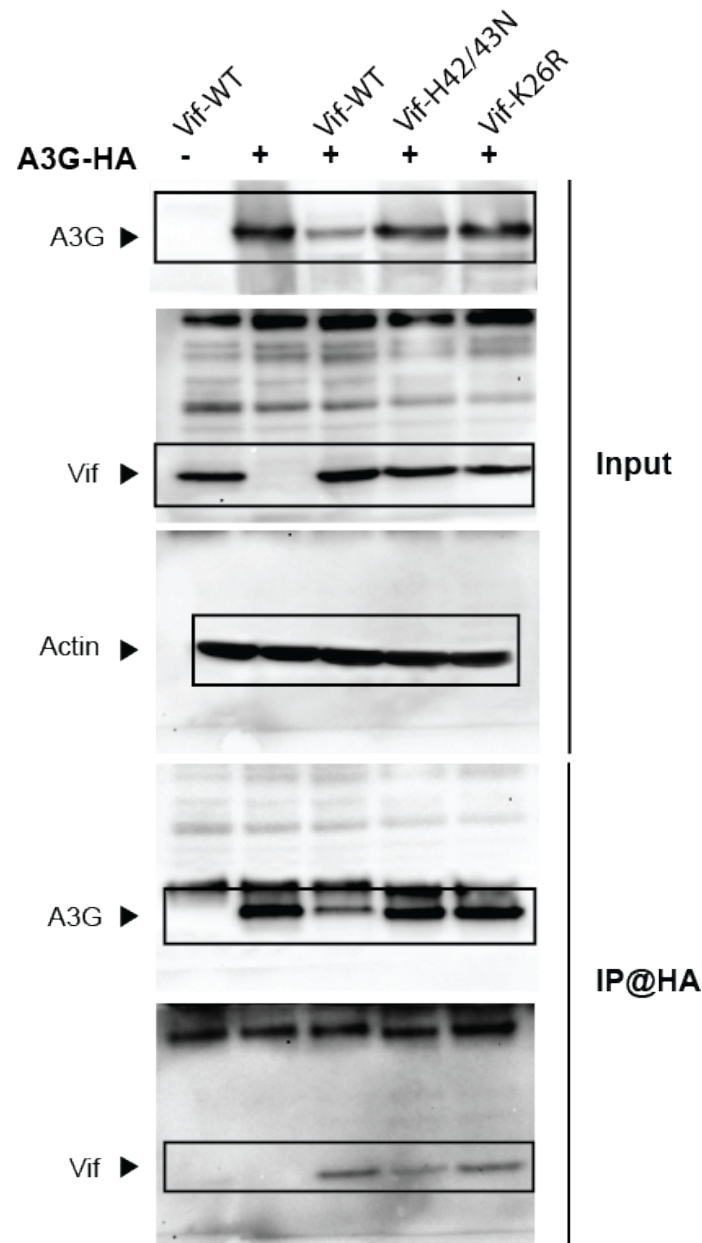
Supplementary Figure S5: Vif requires SL2 and SL3 to impair A3G translation.

Full-length blots of Figure 5 showing A3G, Vif, with the actin control that was run on the same gel. Arrows point to the indicated proteins. Parts that have been cropped are boxed.

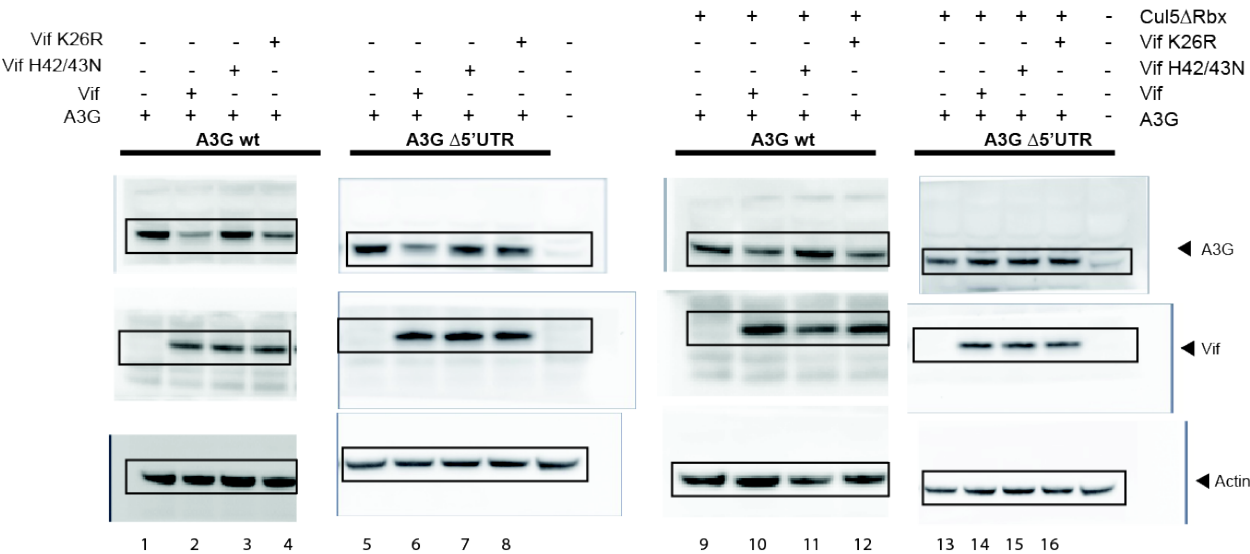


Supplementary Figure S6. Vif K26 residue is required for the translational inhibition of A3G. Full-length blots of Figure 6A and 6B, showing A3G, and Vif (input and IP) with the β -actin control that was run on the same gel. Arrows point to the indicated proteins. Parts that have been cropped are boxed.

(A)



(B)



66 **Supplementary Figure S7: Effect of the inhibition of A3G translation by Vif on**
67 **A3G packaging and viral infectivity.** Full-length blots of Figure 7, showing A3G, and
68 Vif with the β -actin (A) or p24 (B) controls that were run on the same gel. Arrows point
69 to the indicated proteins. Parts that have been cropped are boxed.

