

## **Supplemental Material to:**

**Stefanie A. Knoepfel and Ben Berkhout**

**On the role of four small hairpins in the HIV-1 RNA  
genome**

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**[www.landesbioscience.com/journals/rnabiology/article/24133/](http://www.landesbioscience.com/journals/rnabiology/article/24133/)**

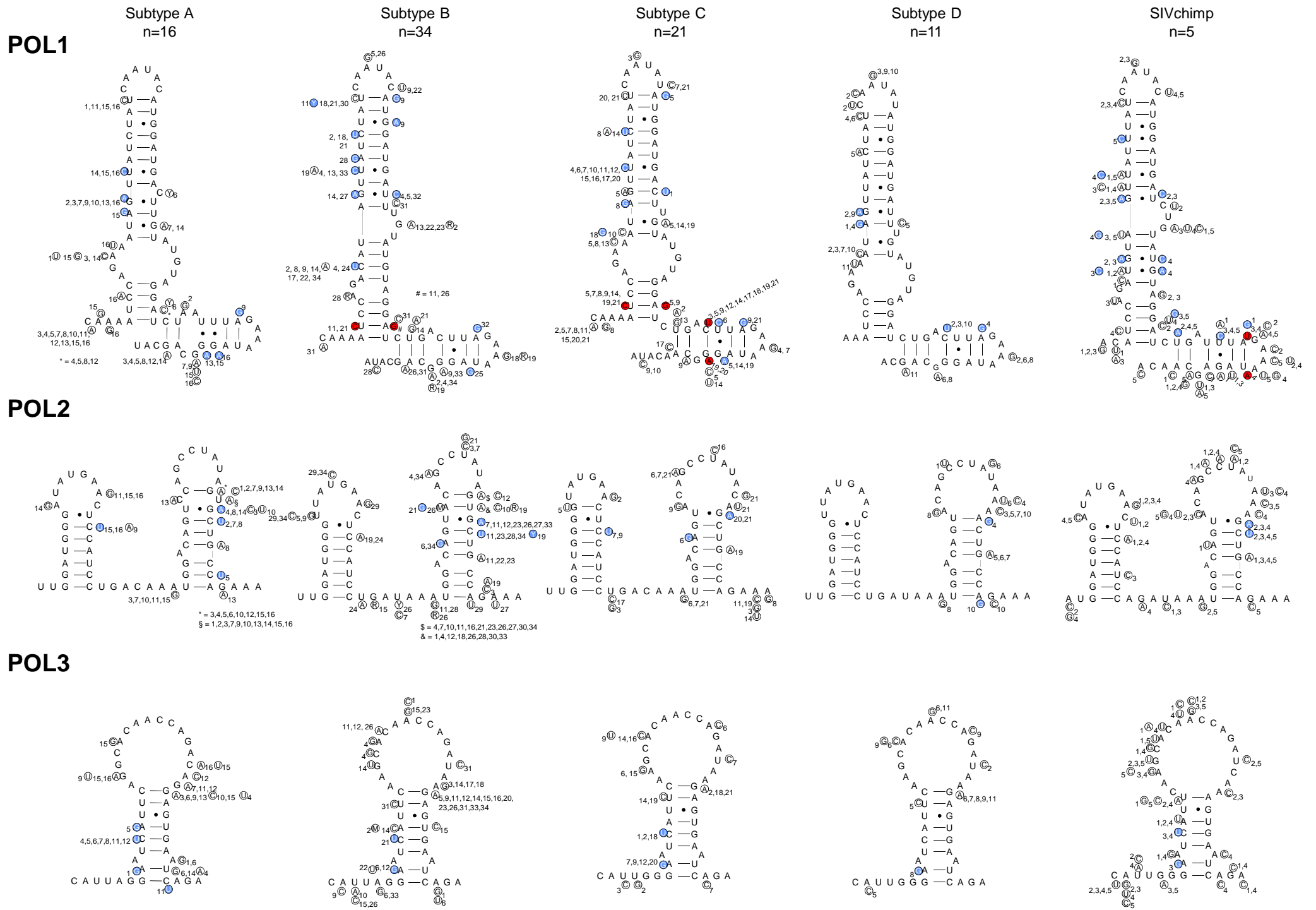


Figure S1

# NEF1

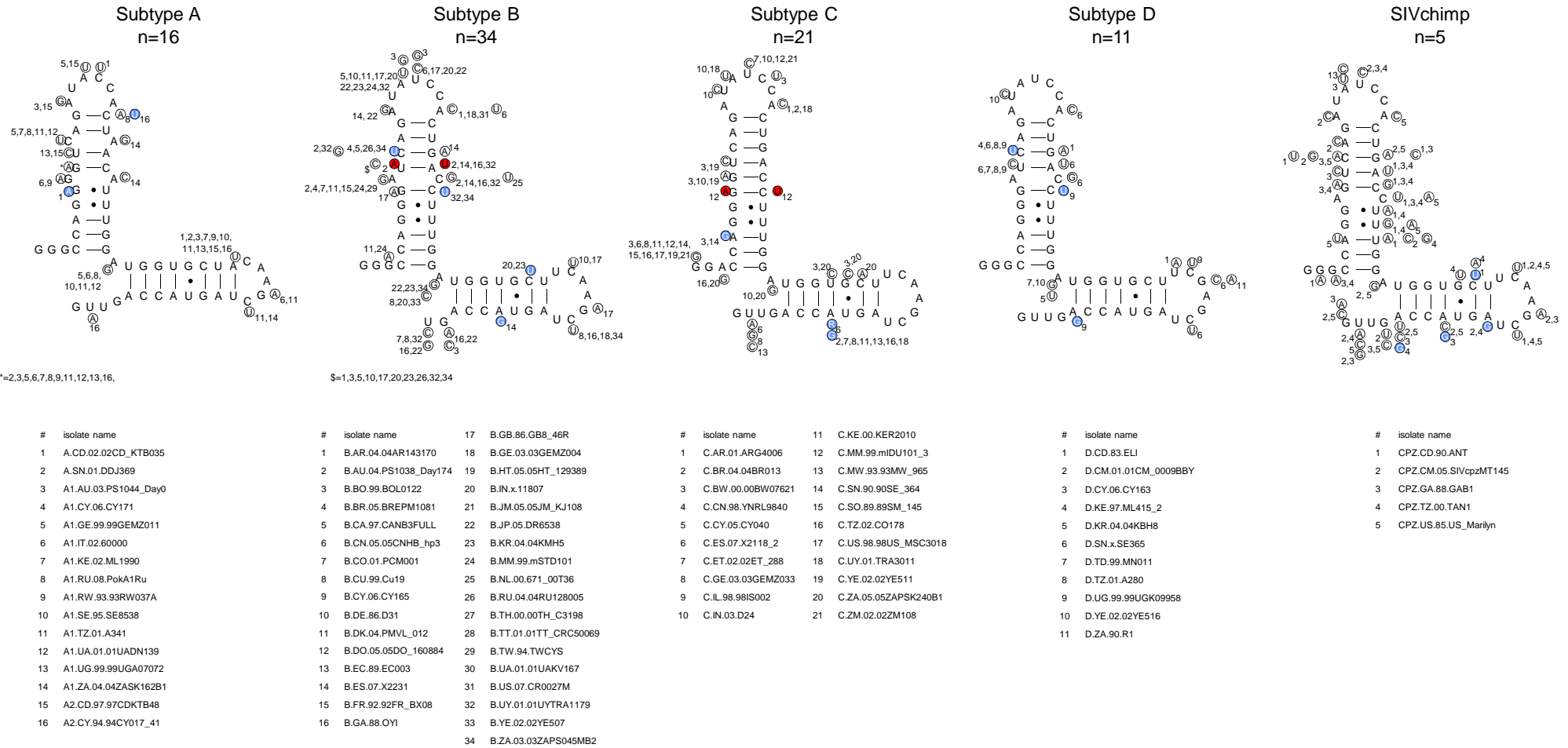


Figure S1. The impact of natural sequence variation on the POL1, POL2, POL3 and NEF1 motifs. Sequences of the HIV compendium 2010 were analyzed for HIV-1 subtypes A, B, C, D and SIVcpz. The major sequence is depicted for each subtype with variations in small circles with a number that refers to the particular isolate. Blue circles mark changes on one RNA strand that consume the structure, red circles represent base pair co-variation.