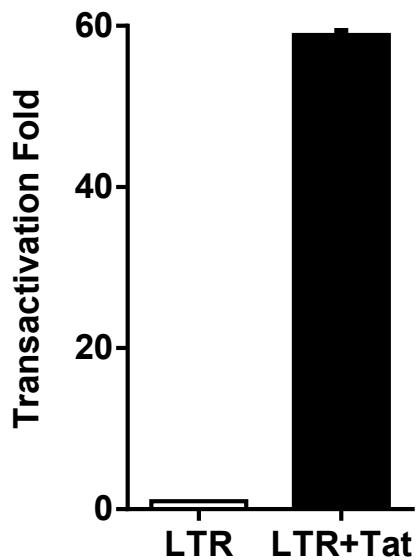


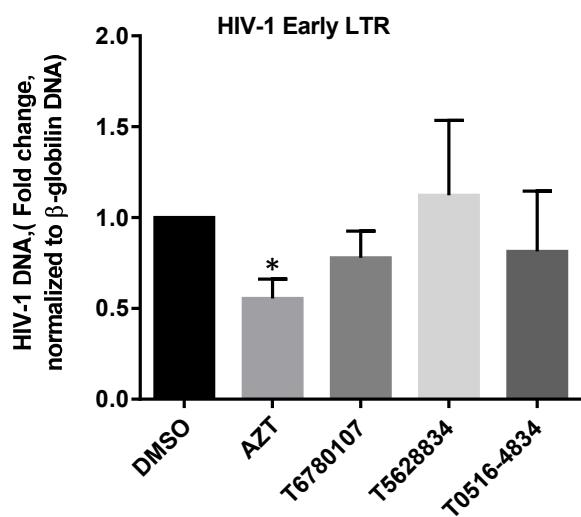
## Supplemental Fig. 1



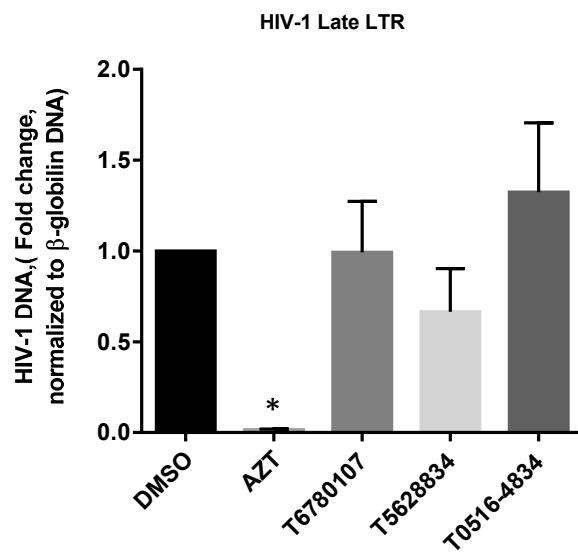
**Supplemental Figure 1. Activation of HIV-1 transcription by Tat.** 293T cells were transfected with vectors expressing HIV-1 LTR-*Luciferase* (lane 1) or HIV-1 LTR-*Luciferase* and HIV-1 Tat expression vectors (lane 2). After 24 hours of culturing, the cells were lysed and luciferase activity was determined using LuciLite assay.

## Supplemental Fig. 2

**A**



**B**



**Supplemental Figure 2. No effect of Tat-TAR RNA targeting compounds on HIV-1 reverse transcription.** PBMCs were activated with PHA and IL-2 and infected with HIV-1-LUC-G. At 6 hrs p.i. DNA was extracted and analyzed by real-time PCR on Roche 4800 using primers for early LTR (panel A) and late LTR (panel B) and  $\beta$ -globin gene as a reference. Azidothymidine (AZT) was used as control. The means  $\pm$  SD are shown (n=3 for each sample). Asterisk indicate p<0.05.