

Virion-associated, host-derived DHX9/RNA helicase A enhances the processivity of HIV-1 reverse transcriptase on genomic RNA

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Running title: *DHX9/RHA enhances RT's processivity*

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## Supporting Information

### Supporting Table S1

**Table S1. Primers**

Name	Utility	Sequence
<b>Mutagenesis primers</b>		
KB1216	RHA m903-907 sense	5' GAA AGC GGC TGG GCT ATA TTC ACA GGA ACT TTG CTG GAA ACA GAT TTT C 3'
KB1217	RHA m903-907 antisense	5' GAA AAT CTG TTT CCA GCA AAG TTC CTG TGA ATAT AGC CCA GCC GCT TTC 3'
KB1218	RHA m928-933 sense	5' GCC TGG GAT GAT GCT CGG ATG GGG GGC GAA GAG GCA GAG ATA CGT TTT 3'
KB1219	RHA m928-933 antisense	5' AAA CGT ATC TCT GCC TCT TCG CCC CCC ATC CGA GCA TCA TCC CAG GC 3'
<b>Quantitative real time PCR primer pairs (RT-product)</b>		
KB2284	Early product sense	5' GCC TCA ATA AAG CTT GCC TTG A 3'
KB2285	Early product antisense	5' TGA CTA AAA GGG TCT GAG GGA TCT 3'
KB2363	Late product sense	5' TGT GTG CCC GTC TGT TGT GT 3'
KB2364	Late product antisense	5' GAG TCC TGC GTC GAG AGA TC 3'
KB3267	CCR5 sense	5' CCA GAA GAG CTG AGA CAT CCG 3'

KB2368	CCR5 antisense	5' GCC AAG CAG CTG AGA GGT TAC T 3'
<b>Primers for DNA template used for in vitro transcription</b>		
5'UTR Forward Primer		5'-GAA ATT AAT ACG ACT CAC TAT AGG TCT CTC TGG TTA GAC CAG-3'
5'UTR Reverse Primer		5'-CGC ACC CAT CTC TCT CCT TCT AGC C-3'
3'UTR Forward Primer		5'-GAA TCT AAT ACG ACT CAC TAT AGG AGT ACT TCA AGA ACT GCT GAC ATC GAG C-3'
3'UTR Reverse Primer		5'-GCT TTA TTG AGG CTT AAG CAG TGG GTT CCC TAG TTA GCC AGA G-3'