Fig. S2. SHAPE analysis of JFH1-CEtrans in the presence of 10 mM $MgCl_2$. SHAPE reactivities are shown for JFH1-CEtrans plus miR122 when folded in a reaction buffer containing 10 mM $MgCl_2$, with predicted (P) and observed (O) conformations given top right below template name. Black bars show normalised SHAPE reactivities of nucleotides 427-447 and 487-507, encompassing the 5' and 3' basal stems of SLVI respectively. Nucleotides with a reactivity of <0.4 are considered unreactive and therefore base-paired. Shaded regions highlight nucleotides of importance in determining 'open' or 'closed' conformations: specifically the 5' $G_{434}G_{435}$ motif and 3' nucleotides 494-507. The superimposed red line indicates the exposure of JFH1-CEtrans plus miR122 in 5 mM $MgCl_2$ folding buffer, and is included for comparison of reactivities to a demonstrated 'open' conformation. A maximum negative reactivity was set at -0.1. Data was derived from one replicate folding reaction.