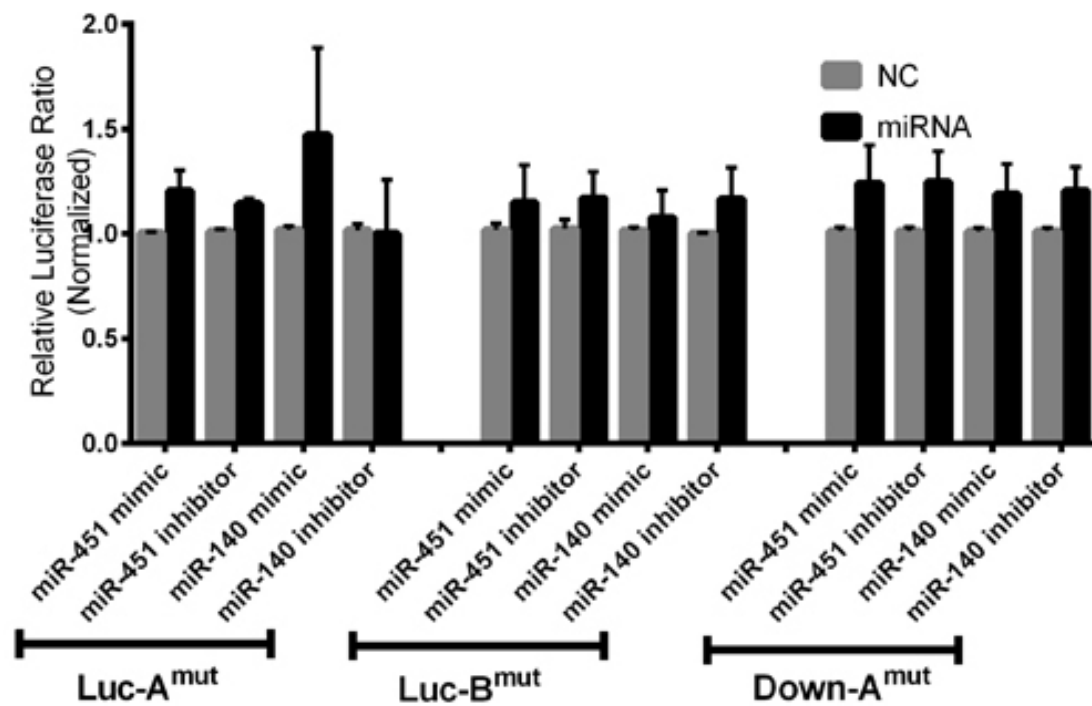


Supplementary Figure S5 Dual-luciferase assay of the interactions between site-mutated UTRs from *var* and hmiRNAs.



Luc-A^{mut}/B^{mut} and Down-A^{mut} represent firefly luciferase constructs containing site-mutated 5'UTRs from *var* group A/B and site-mutated 3'UTRs from *var* group A, respectively. miRNA: luciferase reporter constructs co-transfected with miR-451 or miR-140 mimics or inhibitors; NC: negative control without co-transfection of miRNAs ($n=3$).