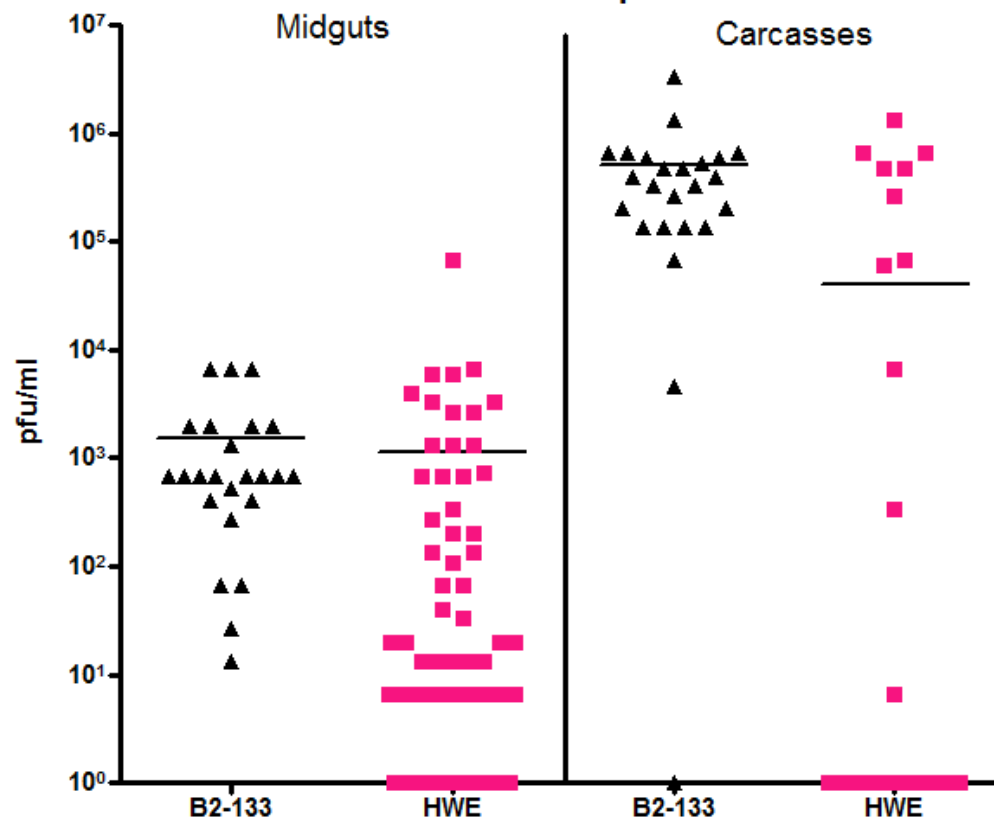


SINV (TR339eGFP)
7 days post bloodmeal
 6.7×10^6 pfu/ml



Total samples	24	98	24	98
Number infected	24	47	23	11
Percent infected	100	48	96	11
P-value	< 0.0001		< 0.0001	
Mean titer	1.5×10^3	1.1×10^3	5.0×10^5	4.1×10^4
P-value	0.0096		0.0468	
Standard deviation	2.09×10^3	6.81×10^3	6.71×10^5	1.76×10^5
Standard error	4.26×10^2	6.88×10^2	1.37×10^5	1.78×10^4

Figure S1. Intensity of SINV-TR339eGFP infection in Carb/B2-133 and HWE mosquitoes. Carb/B2-133 mosquitoes over-expressed FHV-B2 in midguts of bloodfed females from the *AeCPA-1* promoter. The transgenic line was unstable and was lost after this single challenge experiment. Females were orally challenged with SINV-TR339eGFP one-week post-eclosion. Each data point represents the virus titer (pfu/ml) in an individual midgut or carcass as analyzed by plaque assays at 7 days pbm. *P*-values ($\alpha=0.05$) for infection rates and mean viral titers are shown in the table.