Table S1. Summary of Logistic Regression Model for CHIKV Infection Rates.

4 days post feeding

Predictors	Category	Reference	Odds Ratios	CI (95%)	P-value (Wald´s test)	Overall P-value (LR-test)
	(Intercept)		0.16	0.04 – 0.46	0.003	
	JAB	ARA	0.00	NA	0.994	
Population	PET	ARA	0.63	0.08 – 4.23	0.637	0.2093
	POA	ARA	0.63	0.08 – 4.23	0.637	

Observations 88
R^2 Tjur 0.034

8 days post feeding

Predictors	Category	Reference	Odds Ratios	CI (95%)	P-value (Wald´s test)	Overall P-value (LR-test)
	(Intercept)		0.05	0.00 – 0.23	0.003	
	JAB	ARA	3.32	0.39 – 70.24	0.317	
Population	PET	ARA	3.32	0.39 – 70.24	0.317	0.5197
	POA	ARA	4.67	0.62 – 95.79	0.185	

Observations 88
R^2 Tjur 0.022

4 and 8 days post feeding

Predictors	Category	Reference	Odds Ratios	CI (95%)	P-value (Wald´s test)	Overall P-value (LR-test)
	(Intercept)		0.10	0.03 – 0.25	<0.001	
	JAB	ARA	0.73	0.14 – 3.52	0.695	
Population	PET	ARA	1.28	0.32 – 5.51	0.725	0.7393
	POA	ARA	1.58	0.42 – 6.59	0.504	

Observations 176
R^2 Tjur 0.007