

	Human Landing Catch		Number of tested mosquitoes		Number of positive mosquitoes by CSP-ELISA		Circumsporozoite rate (%)	
	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
<i>An. gambiae</i> sister taxa	233	197	233	197	24	8	10.3%	4.06%
<i>An. funestus</i>	163	77	163	77	6	2	3.68%	2.59%
<i>An. coustani</i>	7	80	7	80	0	2	0	2.5%
<i>An. natalensis</i>	13	55	13	55	0	0	0	0
<b>Total</b>	<b>416</b>	<b>409</b>	<b>416</b>	<b>409</b>	<b>30</b>	<b>12</b>	<b>7.21%</b>	<b>2.93%</b>

**Additional File 4:** All *Anopheles* mosquitoes collected indoors and outdoors by Human Landing Catch in 15 districts of Bangui (September-November 2013) were tested by ELISA-CSP to determine their *Plasmodium* infection status and to calculate their circumsporozoite rates.