

Additional File 1: Summary data of CHIKV laboratory testing results and analysis of symptoms observed as proportions of CHIKV positive and CHIKV negative study subjects

Summary of CHIKV laboratory testing results

CHIKV testing	Samples collected	Tested	Positive n (%)
Chikungunya RT-PCR (acute)	1194	1194	81 (6.8)
Chikungunya ELISA*			
IgM (acute)	1194	713	138 (19.4)
IgG (acute-convalescent)	923	735	181 (24.6)

* Randomized samples tested due to supply shortages

Summary of symptoms observed as proportions of CHIKV positive and CHIKV negative study

subjects

Parameter	CHIKV positive	Proportion of CHIKV Positive	CHIKV negative	Proportion of CHIKV Negative	Sig	OR (95%CI)
Number of subjects	331	100%	863	100%		
Symptoms reported						
<i>Fever (100%)</i>	331	100%	863	100%	-	-
<i>Headache</i>	323	97.6%	830	96.2%	0.235	1.6 (0.8-3.7)
<i>Sore throat</i>	244	73.7%	683	79.1%	0.050	0.7 (0.5-1.0)
<i>Chills</i>	259	78.2%	626	72.5%	0.042	1.4 (1.1-1.8)
<i>Cough</i>	219	66.2%	658	76.2%	<0.001	0.6 (0.5-0.8)
<i>Malaise</i>	223	67.4%	592	68.6%	0.682	0.9 (0.7-1.2)
<i>Muscle aches</i>	151	45.6%	342	39.6%	0.061	1.3 (1.0-1.7)
<i>Joint pain</i>	109	32.9%	223	25.8%	0.015	1.4 (1.1-1.9)
<i>Nausea</i>	106	23.0%	149	17.3%	<0.001	2.3 (1.7-3.0)
<i>Vomit</i>	57	17.2%	75	8.7%	<0.001	2.2 (1.5-3.2)
<i>Abdominal cramp</i>	18	5.4%	49	5.7%	0.887	1.0 (0.5-1.7)
<i>Shortness of breath</i>	17	5.1%	48	5.6%	0.787	0.9 (0.5-1.6)
<i>Lesion</i>	36	10.9%	26	3.0%	<0.001	3.9 (2.3-6.7)
<i>Rash</i>	10	3.0%	22	2.5%	0.643	1.2 (0.6-2.5)
<i>Diarrhea</i>	9	2.7%	22	2.5%	0.851	1.1 (0.5-2.3)
<i>Seizure</i>	1	0.3%	9	1.0%	0.225	0.3 (0.1-1.8)
<i>Bloody urine</i>	1	0.3%	0	0.0%	-	-
<i>Bleeding</i>	0	0.0%	1	0.1%	-	-
<i>Jaundice</i>	1	0.3%	0	0.0%	-	-