

**Supplementary Table S2.** Virus positive mosquito species, with the corresponding number of continents, countries and studies in which they are sampled.

<b>Genus</b>	<b>Species</b>	<b>Continents</b>	<b>Countries</b>	<b>Studies</b>
<b>Aedeomyia</b>	catasticta	1	1	1
<b>Aedes</b>	aegypti	5	17	31
	alboannulatus	1	1	3
	albopictus	4	10	19
	annulipes	2	2	2
	atlanticus	1	1	1
	bekkui	1	1	1
	berlandi	1	1	1
	caballus	1	1	1
	camptorhynchus	1	1	3
	cantans	1	2	2
	caspius	2	4	6
	cinereus	1	1	1
	clelandi	1	1	1
	communis	1	1	1
	cumminsii	1	1	1
	detritus	1	1	1
	dorsalis	2	2	2
	flavescens	1	1	1
	flavidorsalis	1	1	1
	flavopictus	1	1	1
	fowleri	1	1	1
	fucifer	1	1	1
	hesperonotius	1	1	2
	luteocephalus	1	1	1
	mcintoshii	1	1	1
	minutus	1	1	1
	normanensis	1	1	3
	notoscriptus	1	1	3
	procax	1	1	1
	scapularis	1	4	5
	sollicitans	1	1	1
	sudanensis	1	1	1
	taeniorhynchus	1	1	3
terrens	1	1	1	
treplicates	1	1	1	
tricholabis	1	1	1	
triseriatus	1	1	1	
trivittatus	1	1	1	
turneri	1	1	1	
unknown	5	8	11	
vexans	4	7	9	

	vigilax	1	1	4
	vittatus	1	1	1
<b>Anopheles</b>	amictus	1	1	1
	annulipes	1	1	2
	coluzzii	1	1	1
	coustani	1	2	2
	crucians	1	1	1
	cruzii	1	1	1
	darlingi	1	1	1
	funestus	1	1	1
	gambiae	1	4	5
	hyrcanus	1	1	1
	maculipalpis	1	1	1
	maculipennis	1	1	1
	marajoara	1	1	1
	minimus	1	2	2
	pharoensis	1	1	1
	pretoriensis	1	1	1
	rufipes	1	1	1
	sinensis	1	1	9
	squamosus	1	2	2
	stephensi	1	1	1
	tessellatus	1	1	1
	triannulatus	1	1	2
	unknown	4	9	8
vagus	1	1	1	
<b>Armigeres</b>	obturbans	1	1	1
	subalbatus	1	4	5
	unknown	1	1	2
<b>Coquillettidia</b>	fuscopennata	1	1	1
	juxtamansonia	1	1	1
	metallica	1	2	2
	richiardii	1	1	1
	xanthogaster	1	1	3
<b>Culex</b>	annulirostris	2	2	11
	antennatus	1	3	3
	australicus	1	1	3
	bitaeniorhynchus	1	1	1
	chidesteri	1	1	1
	coronator	1	3	3
	decens	1	2	2
	declarator	2	3	3
	erythrothorax	1	1	2
	fatigans	1	1	1
	fuscocephala	1	3	4

	globocoxitus	1	1	3
	inatomii	1	2	2
	laticinctus	1	1	1
	modestus	2	2	2
	neavei	1	1	1
	nebulosus	1	3	4
	nigripalpus	2	3	3
	orientalis	1	1	1
	pipiens	5	18	34
	poecilipes	1	1	1
	pseudovishnui	1	2	2
	pullus	1	1	2
	quinquefasciatus	5	16	29
	restuans	1	1	1
	sitiens	2	2	4
	tarsalis	1	2	5
	theileri	1	2	3
	torrentium	1	1	2
	tritaeniorhynchus	2	8	23
	univittatus	1	3	3
	unknown	6	16	30
	vagans	1	2	2
	vishnui	1	3	4
<b>Culiseta</b>	annulata	1	2	2
	atra	1	1	1
	incidens	1	1	1
	longiareolata	1	2	2
	melanura	1	1	1
	unknown	1	1	1
<b>Heamagogus</b>	janthinomys	1	1	1
<b>Mansonia</b>	africana	1	4	4
	titillans	1	1	1
	uniformis	3	6	6
	unknown	3	3	4
	wilsoni	1	1	2
<b>Ochlerotatus</b>	fulvus	1	1	1
	koreicus	1	1	1
	sierrensis	1	1	1
	unknown	1	2	2
<b>Psorophora</b>	albigenu	1	2	2
	albipes	1	1	1
	ciliate	1	1	1
	columbiae	1	1	1
	ferox	1	1	1
	unknown	1	1	1

<b>Sabethes</b>	belisarioi	1	1	1
	gymonothorax	1	1	1
<b>Unknown</b>	unknown	6	15	24
<b>Uranotaenia</b>	unguiculata	1	1	2
	unknown	1	1	1
<b>Wyeomyia</b>	complosa	1	1	1