

SUPPLEMENTARY MATERIAL

Table S1 – Serological results for West Nile virus and other arboviruses using the hemagglutination inhibition (HI) test for 103 wild birds from 27 species captured in Piauí State, Brazil, in 2014 and 2015

Species	Samples	HI*†	Type of reaction
<i>Jacana jacana</i>	1	(1 -)	
<i>Columbina minuta</i>	8	(1 +) ILHV 1:20 (1 +) WNV 1:40, ILHV 1:80, SLEV 1:80	Monotypic Heterotypic
<i>Columbina picui</i>	22	(2 +) ILHV 1:20	Monotypic
<i>Columbina squammata</i>	10	(1 +) WNV 1:20, ILHV 1:20 (1 +) YFV 1:40; ILHV 1:160, SLEV 1:160, BSQV 1:40, ROCV 1:40	Heterotypic Heterotypic
<i>Columbina talpacoti</i>	1	(1 +) WNV 1:80, YFV 1:20, ILHV 1:80, SLEV 1:80, BSQV 1:20	Heterotypic
<i>Leptotila verreauxi</i>	2	(1 +) WNV 1:20, ILHV 1:20 (1 +) WNV 1:20, ILHV 1:20, SLEV 1:40	Heterotypic Heterotypic
<i>Zenaida auriculata virgata</i>	12	(12 -)	
<i>Forpus xanthopterygius</i>	1	(1 -)	
<i>Glaucidium brasilianum</i>	1	(1 -)	
<i>Piaya cayana</i>	1	(1 +) WNV 1:20, SLEV 1:40	Heterotypic
<i>Nystalus maculatus</i>	3	(3 -)	
<i>Picumnus pygmaeus</i>	1	(1 -)	
<i>Lepidocolaptes angustirostris</i>	3	(3 -)	
<i>Myiarchus tyrannulus</i>	5	(1 +) WNV 1:40	Monotypic
<i>Myiarchus ferox</i>	1	(1 -)	
<i>Tyrannus melancholicus</i>	1	(1 +) WNV 1:20	Monotypic
<i>Pitangus sulphuratus</i>	4	(1 +) WNV 1:80, EEEV 1:80, MUCV 1:40, SLEV 1:160, BSQV 1:20, SLEV 1:20 (1 +) SLEV 1:20	Heterotypic Monotypic
<i>Pachyramphus polychopterus</i>	1	(1 -)	
<i>Myiodynastes maculatus</i>	1	(1 -)	
<i>Mimus saturninus</i>	3	(3 +) WNV 1:40	Monotypic
<i>Turdus amaurochalinus</i>	2	(2 -)	
<i>Turdus rufiventris</i>	3	(1 +) WNV 1:80, ILHV 1:20	Heterotypic
<i>Cyclarhis gujanensis</i>	1	(1 +) ILHV 1:40, SLEV 1:40	Heterotypic
<i>Paroaria dominicana</i>	3	(1 +) WNV 1:20 (1 +) TCMV 1:20, UTIV 1:20, CARV 1:20, CATUV 1:20	Monotypic Heterotypic
<i>Lanio pileatus</i>	1	(1 -)	
<i>Chrysomus ruficapillus</i>	10	(1 +) WNV 1:80	Monotypic
<i>Cyanocorax cyanopogon</i>	1	(1 +) ILHV 1:20, SLEV 1:20, BSQV 1:20	Heterotypic
Total	103	6 WNV samples 8 WNV samples	Monotypic Heterotypic

* HI tests were conducted for 20 arbovirus species from the following genera: *Alphavirus*: Eastern Equine Encephalitis virus (EEEV), Western Equine Encephalitis virus (WEEV), Venezuelan Equine Encephalitis virus (VEEV, subtype IIIA), Mayaro virus (MAYV), and Mucambo virus (MUCV); *Phlebovirus*: Icoaraci virus (ICOV); *Orthobunyavirus*: Maguari virus (MAGV), Tacaiuma virus (TCMV), Utinga virus (UTIV), Belem virus (BLMV), Caraparu virus (CARV), Oropouche virus (OROV), and Catu virus (CATUV); *Flavivirus*: West Nile virus (WNV), Yellow Fever virus (YFV), Ilheus virus (ILHV), Saint Louis Encephalitis virus (SLEV), Cacipacore virus (CPCV), Bussuquara virus (BSQV), and Rocio virus (ROCV). † Results are presented as: "(Number of samples, result [+/-]) virus of reaction, titer".