

The following supplement accompanies the article

Fibropapillomatosis in green turtles *Chelonia mydas* in Brazil: characteristics of tumors and virus

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Supplement. Data from the analysis for each Brazilian state surveyed. No significant association ($p > 0.05$) was observed between viral load and aspect, viral load and pigmentation, viral load and tumor score, and viral load and body condition of turtles in the states of Bahia (BA) and Espírito Santo (ES). In turn, a significant association ($p = 0.022$) between viral load and tumor score was observed in samples collected in São Paulo (SP), where animals with tumor score 3 (severe fibropapillomatosis) presented high viral loads. Papillary tumors presented high viral load in Ceará (CE) ($p = 0.042$). In SP, all turtles were considered healthy

Table S1. Correlation between viral load of the ChHV5, characteristics of tumors (aspect, pigmentation and score) and body conditions of green turtles *Chelonia mydas* in 4 Brazilian states (BA: Bahia, CE: Ceará, ES: Espírito Santo and SP: São Paulo), considering 153 fibropapilloma samples with a viral load higher than 1 copy cell⁻¹. Differences between viral load and tumor score in turtles or body condition were evaluated using the Mann-Whitney *U*-test, and differences between viral load and tumor pigmentation or morphology were evaluated using the Kruskal-Wallis test. nd: not determined (test not performed because only 1 health status was observed). –: no data

Aspect	BA					CE					ES					SP					
	n	Mean	SD	Median ^a	p	n	Mean	SD	Median ^a	p	n	Mean	SD	Median ^a	p	n	Mean	SD	Median ^a	p	
Smooth	1	0.0017	–	0.0017	0.317	15	0.7896	2.4571	0.0072	a	0.042	13	0.4008	0.6294	0.0200	0.260	13	0.7828	1.0995	0.3885	0.882
Papillary	25	3.0571	10.3204	0.4559		41	6.3211	19.5975	0.3301	b		22	0.5776	0.8771	0.1262		23	4.8753	17.1045	0.3120	
Pigment																					
Absent	13	1.4534	2.0771	0.8377	0.522	35	3.0262	8.2264	0.0170	0.068	23	0.4748	0.8249	0.1059	0.404	20	4.5435	17.7415	0.4190	0.679	
Present	13	4.4257	14.3064	0.1457		21	7.8616	25.6664	0.3547		12	0.5830	0.7448	0.2081		16	1.9649	6.0578	0.2800		
Tumor score																					
1	3	0.9290	1.5770	0.0371	0.165	17	1.4230	3.5229	0.0170	0.184	18	0.2607	0.4603	0.1031	0.256	8	13.1739	28.2589	0.1418	ab	0.022
2	8	0.3807	0.6230	0.0638		22	6.8662	25.1546	0.1366		6	0.9447	0.9314	0.7749		9	0.1655	0.2333	0.0374	a	
3	15	4.7064	13.2186	0.7678		17	5.6331	11.1722	0.6752		11	0.6869	1.0310	0.0122		19	0.8120	0.8812	0.5107	b	
Body condition																					
Healthy	3	1.4044	0.6567	1.3659	0.317	50	4.6746	17.7961	0.1232	0.154	26	0.3417	0.5531	0.1031	0.235	36	3.3975	13.7217	0.3588	nd	
Debilitated	5	0.1738	0.2222	0.0241		4	6.1353	8.7930	2.8421		6	0.8941	1.2646	0.4795		–	–	–	–		
Dead	18	3.9637	12.1268	0.4388		2	6.3705	4.4692	6.3705		3	1.2227	1.0560	1.7400		–	–	–	–		
Total	26	2.9396	10.1297	0.4150		56	4.8395	16.9401	0.2309		35	0.5119	0.7890	0.1222		36	3.3975	13.7217	0.3588		

^aDifferent letters indicate significant difference in median value