

Supplementary materials:

Table S1. Details of type of wounds in 102 injured turtles

Identification number	Age classification	Type of wound
1	Juvenile	Skin wound
2	Adult	Skin wound
3	Sub-adult	Skin wound
4	Juvenile	BAL*
5	Sub-adult	BAL
6	Juvenile	Skin wound
7	Juvenile	Skin wound
8	Sub-adult	Skin wound
9	Sub-adult	Skin wound
10	Adult	BAL
11	Adult	BAL
12	Sub-adult	BAL
13	Juvenile	Skin wound
14	Sub-adult	Skin wound
15	Juvenile	BAL
16	Sub-adult	Skin wound
17	Sub-adult	BAL
18	Sub-adult	BAL
19	Juvenile	BAL
20	Adult	BAL
21	Sub-adult	BAL
22	Sub-adult	Internal biopsies
23	Adult	Skin wound
24	Sub-adult	Skin wound
25	Juvenile	BAL
26	Juvenile	Internal biopsies
27	Juvenile	BAL
28	Juvenile	BAL
29	Adult	Skin wound
30	Sub-adult	Carapace wound
31	Sub-adult	Skin wound
32	Sub-adult	BAL
33	Juvenile	Carapace wound
34	Juvenile	BAL
35	Juvenile	BAL
36	Adult	Skin wound

37	Juvenile	Skin wound
38	Sub-adult	Internal biopsies
39	Juvenile	Internal biopsies
40	Sub-adult	BAL
41	Juvenile	Skin wound
42	Sub-adult	Carapace wound
43	Juvenile	Carapace wound
44	Sub-adult	Skin wound
45	Adult	Internal biopsies
46	Sub-adult	BAL
47	Adult	Skin wound
48	Adult	BAL
49	Sub-adult	BAL
50	Sub-adult	BAL
51	Sub-adult	Skin wound
52	Juvenile	Carapace wound
53	Sub-adult	Carapace wound
54	Sub-adult	Skin wound
55	Juvenile	Carapace wound
56	Sub-adult	Skin wound
57	Sub-adult	Plastron wound
58	Sub-adult	BAL
59	Sub-adult	BAL
60	Adult	Internal biopsies
61	Adult	Skin wound
62	Sub-adult	Internal biopsies
63	Sub-adult	BAL
64	Sub-adult	BAL
65	Juvenile	BAL
66	Sub-adult	Carapace wound
67	Sub-adult	Skin wound
68	Sub-adult	Skin wound
69	Juvenile	Skin wound
70	Sub-adult	Skin wound
71	Adult	Skin wound
72	Sub-adult	Skin wound
73	Sub-adult	Internal biopsies
74	Juvenile	BAL
75	Sub-adult	Skin wound
76	Sub-adult	Carapace wound
77	Juvenile	Carapace wound
78	Juvenile	Skin wound

79	Juvenile	Skin wound
80	Sub-adult	BAL
81	Sub-adult	Internal biopsies
82	Adult	BAL
83	Sub-adult	Skin wound
84	Sub-adult	Skin wound
85	Sub-adult	Internal biopsies
86	Juvenile	Internal biopsies
87	Sub-adult	BAL
88	Sub-adult	Carapace wound
89	Adult	BAL
90	Sub-adult	Carapace wound
91	Juvenile	Skin wound
92	Sub-adult	Skin wound
93	Sub-adult	Skin wound
94	Juvenile	Skin wound
95	Sub-adult	BAL
96	Adult	BAL
97	Adult	Skin wound
98	Adult	Skin wound
99	Juvenile	Skin wound
100	Sub-adult	Carapace wound
101	Adult	BAL
102	Sub-adult	Skin wound

* BAL= bronchioalveolar lavage

Table S2. Details of 16S rRNA gene PCR

Gene Target	Primer	Primer sequence	T _m (°C)	Cycling conditions	Reaction conditions (50 µl)
16S rRNA	BV5-forward	(5'-ATTAGATACCCYGGTAGTCC-3')	55 °C	95 °C (10 min) <u>35 cycles x</u> 94 °C (30 s) 57 °C (30 s) 72 °C (30 s)	50 ng template DNA 50 mM KCl 10 mM Tris-HCl pH 8.3 1.5 mM Mg ²⁺ 0.2 mM dNTPs 40 pmol of each primer 5U of Taq DNA polymerase*
16S rRNA	AV6-reverse	(5'-ACGAGTGACGACARCCATG-3')	69.8 °C	72 °C (8 min)	

*(AmpliTaq Gold™, Thermofisher, Italy).