

**Table S1.** Metadata and sampling codes for Andaman Sea Thailand leatherback turtle populations.

No.	Code	Next No.	Beach	Province	LAT	LON	Spawning date	Hatching date	Accession No.
1	1.1	1	Khuk Khak	Phang-nga	8.68359	98.2406	17/12/2018	11/2/2019	OK040291
2	1.2	1	Khuk Khak	Phang-nga	8.68359	98.2406	17/12/2018	11/2/2019	OK040292
3	1.3	1	Khuk Khak	Phang-nga	8.68359	98.2406	17/12/2018	11/2/2019	OK040256
4	3.1	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040252
5	3.2	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040378
6	3.3	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040262
7	3.5	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040293
8	A	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040294
9	B	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	OK040379
10	C	2	Khuk Khak	Phang-nga	8.6875	98.2401	8/1/2019	2/3/2019	-
11	A1.1	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040295
12	A1.2	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040263
13	A1.3	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040296
14	A1.4	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040297
15	A2.1	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040298
16	A2.2	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040299
17	A2.3	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040300
18	A2.4	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040301
19	A3.1	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	-
20	A3.2	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040264
21	A3.3	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040302
22	A3.4	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040265
23	B2.1	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040376
24	B2.2	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040386
25	B2.3	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040304
26	B2.4	3	Bor Dan	Phang-nga	8.32848	98.2636	27/11/2019	21/1/2020	OK040381
27	SKA1	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040375
28	SKA2	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040382
29	SKA3	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040258
30	SKA4	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040267
31	SKA5	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040268
32	SKA7	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040269
33	TSK01	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040278
34	TSK02	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040279
35	TSK03	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040280

36	TSK04	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040281
37	TSK05	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040282
38	TSK06	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040259
39	ESK07	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040361
40	ESK08	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040362
41	ESK10	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040363
42	ESK12	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040364
43	ESK21	4	Sai Keaw	Phuket	8.19015	98.287	20/1/2020	5/3/2020	OK040365
44	A6	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040303
45	B1	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040380
46	B9	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	-
47	TNY01	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040270
48	TNY02	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040253
49	TNY03	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040261
50	TNY04	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040271
51	TNY06	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040245
52	TNY06.1	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040260
53	TNY07	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040383
54	TNY08	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040384
55	TNY09	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040272
56	TNY10	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040387
57	TNY11	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040273
58	TNY12	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040274
59	TNY13	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	-
60	TNY14	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040275
61	TNY15	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040276
62	TNY16	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040377
63	TNY17	5	Nai Thon	Phuket	8.05605	98.2778	10/1/2020	3/3/2020	OK040277
64	KK6.1	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040366
65	KK6.2	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040367
66	KK6.3	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040368
67	KK6.4	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040369
68	KK6.5	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040370
69	KK6.6	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040371
70	KK6.7	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040372
71	KK6.8	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040373
72	KK6.9	6	Khuk Khak	Phang-nga	8.68706	98.2403	27/11/2020	-	OK040374
73	BK1.1	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040305
74	BK1.2	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040306

75	BK1.3	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040307
76	BK1.4	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040308
77	BK1.5	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040309
78	BK1.6	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040310
79	BK1.7	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040311
80	BK1.8	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040312
81	BK1.9	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040313
82	BK1.10	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040314
83	BK1.11	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040315
84	BK1.12	7	Bang Kwan	Phang-nga	8.20907	98.2824	21/10/2020	-	OK040316
85	BK2.1	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040317
86	BK2.2	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040266
87	BK2.3	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	-
88	BK2.4	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040318
89	BK2.5	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040319
90	BK2.6	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040320
91	BK2.7	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040321
92	BK2.8	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040322
93	BK2.9	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040323
94	BK2.10	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040324
95	BK2.11	8	Bang Kwan	Phang-nga	8.20937	98.2826	1/11/2020	-	OK040325
96	BK3.1	9	Bang Kwan	Phang-nga	8.12295	98.2826	10/11/2020	-	OK040326
97	BK3.2	9	Bang Kwan	Phang-nga	8.12295	98.2826	10/11/2020	-	OK040327
98	BK3.3	9	Bang Kwan	Phang-nga	8.12295	98.2826	10/11/2020	-	OK040328
99	BK4.1	10	Bang Kwan	Phang-nga	8.21029	98.2825	20/11/2020	-	OK040329
100	BK4.2	10	Bang Kwan	Phang-nga	8.21029	98.2825	20/11/2020	-	OK040330
101	BK4.4	10	Bang Kwan	Phang-nga	8.21029	98.2825	20/11/2020	-	OK040331
102	BK7.1	11	Bang Kwan	Phang-nga	8.20932	98.2824	30/11/2020	-	OK040332
103	BK7.2	11	Bang Kwan	Phang-nga	8.20932	98.2824	30/11/2020	-	OK040333
104	BK7.4	11	Bang Kwan	Phang-nga	8.20932	98.2824	30/11/2020	-	OK040334
105	BK9.1	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040335
106	BK9.2	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040336
107	BK9.3	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040337
108	BK9.4	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040338
109	BK9.5	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040339
110	BK9.6	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040340
111	BK9.7	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040341
112	BK9.8	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040342
113	BK9.9	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040343

114	BK9.10	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040344
115	BK9.11	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040345
116	BK9.12	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040254
117	BK9.13	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040346
118	BK9.14	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040347
119	BK9.15	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040348
120	BK9.16	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040349
121	BK9.17	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040350
122	BK9.18	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040351
123	BK9.19	12	Bang Kwan	Phang-nga	8.21306	98.2831	9/12/2020	-	OK040352
124	BK12.1	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040353
125	BK12.2	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040354
126	BK12.3	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040355
127	BK12.4	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040388
128	BK12.5	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040356
129	BK12.6	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040357
130	BK12.7	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040358
131	BK12.8	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040359
132	BK12.9	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040360
133	BK12.10	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040247
134	BK12.11	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040249
135	BK12.12	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040248
136	BK12.13	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040251
137	BK12.14	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040255
138	BK12.15	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040246
139	BK12.16	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040250
140	BK12.17	13	Bang Kwan	Phang-nga	8.21554	98.2832	28/12/2020	-	OK040257
141	UK11.1	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040283
142	UK11.2	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040284
143	UK11.3	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040385
144	UK11.4	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040285
145	UK11.5	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040286
146	UK11.6	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040287
147	UK11.7	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040288
148	UK11.8	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040289
149	UK11.9	14	Bang Kwan	Phang-nga	8.20881	98.2822	17/12/2020	-	OK040290

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