

Table S1 Specimen populations of Asian elephants (*Elephas maximus*, Linnaeus, 1758) in Thailand. All sequences were deposited in the DNA Data Bank of Japan (DDBJ)

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
1	EMAf01	female	NEI ¹ , Lampang	LC699890
2	EMAf02	female	NEI, Lampang	LC699891
3	EMAf03	female	NEI, Lampang	LC699892
4	EMAf04	female	NEI, Lampang	LC699893
5	EMAf05	female	NEI, Lampang	LC699894
6	EMAf06	female	NEI, Lampang	LC699895
7	EMAf07	female	NEI, Lampang	LC699896
8	EMAf08	female	NEI, Lampang	LC699897
9	EMAf09	female	NEI, Lampang	LC699898
10	EMAf10	female	NEI, Lampang	LC699899
11	EMAm01	male	NEI, Lampang	LC699900
12	EMAm02	male	NEI, Lampang	LC699901
13	EMAm03	male	NEI, Lampang	LC699902
14	EMAm04	male	NEI, Lampang	LC699903
15	EMAm05	male	NEI, Lampang	LC699904
16	EMAm06	male	NEI, Lampang	LC699905
17	EMAm07	male	NEI, Lampang	LC699906
18	EMAm08	male	NEI, Lampang	LC699907
19	EMAm09	male	NEI, Lampang	LC699908
20	EMAm10	male	NEI, Lampang	LC699909
21	EMAm11	male	NEI, Lampang	LC699910
22	EMAm12	male	NEI, Lampang	LC699911
23	EMAlm13	male	NEI, Lampang	LC699912
24	EMAm14	male	NEI, Lampang	LC699913
25	EMAm15	male	NEI, Lampang	LC699914
26	EMAm16	male	NEI, Lampang	LC699915
27	EMAm17	male	NEI, Lampang	LC699916
28	EMAm18	male	NEI, Lampang	LC699917

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
29	EMAm19	male	NEI, Lampang	LC699918
30	EMAm20	male	NEI, Lampang	LC699919
31	EMAf11	female	NEI, Lampang	LC699920
32	EMAf12	female	NEI, Lampang	LC699921
33	EMAf13	female	NEI, Lampang	LC699922
34	EMAf14	female	NEI, Lampang	LC699923
35	EMAf15	female	NEI, Lampang	LC699924
36	EMAf16	female	NEI, Lampang	LC699925
37	EMAf17	female	NEI, Lampang	LC699926
38	EMAf18	female	NEI, Lampang	LC699927
39	EMAf19	female	NEI, Lampang	LC699928
40	EMAm21	male	NEI, Lampang	LC699929
41	EMAm22	male	NEI, Lampang	LC699930
42	EMAm23	male	NEI, Lampang	LC699931
43	EMAm24	male	NEI, Lampang	LC699932
44	EMAm25	male	NEI, Lampang	LC699933
45	EMAm26	male	NEI, Lampang	LC699934
46	EMAm27	male	NEI, Lampang	LC699935
47	EMAm28	male	NEI, Lampang	LC699936
48	EMAm29	male	NEI, Lampang	LC699937
49	EMAm30	male	NEI, Lampang	LC699938
50	EMAm31	male	NEI, Lampang	LC699939
51	EMAm32	male	NEI, Lampang	LC699940
52	EMAm33	male	NEI, Lampang	LC699941
53	EMAf20	female	NEI, Lampang	LC699942
54	EMAf21	female	NEI, Lampang	LC699943
55	EMAf22	female	NEI, Lampang	LC699944
56	EMAf23	female	NEI, Lampang	LC699945
57	EMAf24	female	NEI, Lampang	LC699946
58	EMAf25	female	NEI, Lampang	LC699947
59	EMAf26	female	NEI, Lampang	LC699948

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
60	EMAf27	female	NEI, Lampang	LC699949
61	EMAf28	female	NEI, Lampang	LC699950
62	EMAf29	female	NEI, Lampang	LC699951
63	EMAf30	female	NEI, Lampang	LC699952
64	EMAf31	female	NEI, Lampang	LC699953
65	EMAf32	female	NEI, Lampang	LC699954
66	EMAf33	female	NEI, Lampang	LC699955
67	EMAf34	female	NEI, Lampang	LC699956
68	EMAf35	female	NEI, Lampang	LC699957
69	EMAf36	female	NEI, Lampang	LC699958
70	EMAf37	female	NEI, Lampang	LC699959
71	EMAf38	female	NEI, Lampang	LC699960
72	EMAf39	female	NEI, Lampang	LC699961
73	EMAFm01	male	MEP ² , Chiang Mai	LC699962
74	EMAFm02	male	MEP, Chiang Mai	LC699963
75	EMAFm03	male	MEP, Chiang Mai	LC699964
76	EMAFm04	male	MEP, Chiang Mai	LC699965
77	EMAFm05	male	MEP, Chiang Mai	LC699966
78	EMAFm06	male	MEP, Chiang Mai	LC699967
79	EMAFm07	male	MEP, Chiang Mai	LC699968
80	EMAFm08	male	MEP, Chiang Mai	LC699969
81	EMAFm09	male	MEP, Chiang Mai	LC699970
82	EMAFm10	male	MEP, Chiang Mai	LC699971
83	EMAFm11	male	MEP, Chiang Mai	LC699972
84	EMAFf01	female	MEP, Chiang Mai	LC699973
85	EMAFf02	female	MEP, Chiang Mai	LC699974
86	EMAFf03	female	MEP, Chiang Mai	LC699975
87	EMAFf04	female	MEP, Chiang Mai	LC699976
88	EMAFf05	female	MEP, Chiang Mai	LC699977
89	EMAFf06	female	MEP, Chiang Mai	LC699978
90	EMAFf07	female	MEP, Chiang Mai	LC699979

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
91	EMAFf08	female	MEP, Chiang Mai	LC699980
92	EMAFf09	female	MEP, Chiang Mai	LC699981
93	EMAFf10	female	MEP, Chiang Mai	LC699982
94	EMAFf11	female	MEP, Chiang Mai	LC699983
95	EMAFf12	female	MEP, Chiang Mai	LC699984
96	EMAFf13	female	MEP, Chiang Mai	LC699985
97	EMAFf14	female	MEP, Chiang Mai	LC699986
98	EMAFf15	female	MEP, Chiang Mai	LC699987
99	EMAFf16	female	MEP, Chiang Mai	LC699988
100	EMAFf17	female	MEP, Chiang Mai	LC699989
101	EMAFf18	female	MEP, Chiang Mai	LC699990
102	EMAFf19	female	MEP, Chiang Mai	LC699991
103	EMAFf20	female	MEP, Chiang Mai	LC699992
104	EMAFf21	female	MEP, Chiang Mai	LC699993
105	EMAFf22	female	MEP, Chiang Mai	LC699994
106	EMAFf23	female	MEP, Chiang Mai	LC699995
107	EMAFf24	female	MEP, Chiang Mai	LC699996
108	EMAFf25	female	MEP, Chiang Mai	LC699997
109	EMAFf26	female	MEP, Chiang Mai	LC699998
110	EMAFf27	female	MEP, Chiang Mai	LC699999
111	EMAFf28	female	MEP, Chiang Mai	LC700000
112	EMAFf29	female	MEP, Chiang Mai	LC700001
113	EMAFf30	female	MEP, Chiang Mai	LC700002
114	EMAFf31	female	MEP, Chiang Mai	LC700003
115	EMAFf32	female	MEP, Chiang Mai	LC700004
116	EMAFf33	female	MEP, Chiang Mai	LC700005
117	EMAFf34	female	MEP, Chiang Mai	LC700006
118	EMAFf35	female	MEP, Chiang Mai	LC700007
119	EMAI m01	male	BCEP ³ , Chiang Mai	LC700008
120	EMAI m02	male	BCEP, Chiang Mai	LC700009
121	EMAI m04	male	BCEP, Chiang Mai	LC700010

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
122	EMAI _m 6	male	BCEP, Chiang Mai	LC700011
123	EMAI _m 7	male	BCEP, Chiang Mai	LC700012
124	EMAI _m 8	male	BCEP, Chiang Mai	LC700013
125	EMAI _m 12	male	BCEP, Chiang Mai	LC700014
126	EMAI _f 17	female	BCEP, Chiang Mai	LC700015
127	EMAI _f 18	female	BCEP, Chiang Mai	LC700016
128	EMAI _f 19	female	BCEP, Chiang Mai	LC700017
129	EMAI _f 20	female	BCEP, Chiang Mai	LC700018
130	EMAI _f 21	female	BCEP, Chiang Mai	LC700019
131	EMAI _f 22	female	BCEP, Chiang Mai	LC700020
132	EMAI _f 23	female	BCEP, Chiang Mai	LC700021
133	EMAI _f 24	female	BCEP, Chiang Mai	LC700022
134	EMAI _f 25	female	BCEP, Chiang Mai	LC700023
135	EMAI _f 26	female	BCEP, Chiang Mai	LC700024
136	EMAI _f 27	female	BCEP, Chiang Mai	LC700025
137	EMAI _f 28	female	BCEP, Chiang Mai	LC700026
138	EMAI _f 29	female	BCEP, Chiang Mai	LC700027
139	EMAI _f 30	female	BCEP, Chiang Mai	LC700028
140	EMAI _f 31	female	BCEP, Chiang Mai	LC700029
141	EMAI _f 32	female	BCEP, Chiang Mai	LC700030
142	EMAI _f 33	female	BCEP, Chiang Mai	LC700031
143	EMAI _f 34	female	BCEP, Chiang Mai	LC700032
144	EMAI _f 35	female	BCEP, Chiang Mai	LC700033
145	EMAI _f 36	female	BCEP, Chiang Mai	LC700034
146	EMAI _f 37	female	BCEP, Chiang Mai	LC700035
147	EMAI _f 38	female	BCEP, Chiang Mai	LC700036
148	EMAI _f 39	female	BCEP, Chiang Mai	LC700037
149	EMAI _f 40	female	BCEP, Chiang Mai	LC700038
150	EMAI _f 41	female	BCEP, Chiang Mai	LC700039
151	EMAI _f 42	female	BCEP, Chiang Mai	LC700040
152	EMAI _f 43	female	BCEP, Chiang Mai	LC700041

No.	Abbreviation/ Code	Sex	Locality	Mitochondrial D- loop GenBank accession number
153	EMAIf45	female	BCEP, Chiang Mai	LC700042
154	EMAIf46	female	BCEP, Chiang Mai	LC700043
155	EMAIf47	female	BCEP, Chiang Mai	LC700044
156	EMAIf48	female	BCEP, Chiang Mai	LC700045
157	EMAIf49	female	BCEP, Chiang Mai	LC700046
158	EMAIf50	female	BCEP, Chiang Mai	LC700047

¹NEI = The National Elephant Institute of Thailand, Lampang

²MEP = Maetaeng Elephant Park, Chiang Mai

³BCEP = Baan Chang Elephant Park, Chiang Mai

Linnaeus, C. *Systema Naturae per regna tria naturae: secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*; apud JB Delamolliere: Sweden, Stockholm, 1758.