

Supplementary Table 1. Distribution of twenty haplotypes of the cytb gene from three breeding colonies and two unknown localities of the Cape fur seal.

Haplotype	East			Unknown		Total
	Mossel Bay	Robberg	Black Rocks	Lento	Desert Diamond	
1	8	23	66	9	14	120
2	3	9	20	4	6	41
3		1				1
4		1				1
5		1	1			2
6		1	1			2
7			3	1		4
8		2	5			7
9			3			3
10		1	4			5
11			1			1
12			1			1
13			1			1
14		1				1
15			1			1
16			1	1		2
17				1		1
18				1		1
19				1		1
No of unique haplotypes						

Supplementary Table 2. Distribution of 65 haplotypes of the D-loop gene from eight breeding colonies and one unknown locality of the Cape fur seal. DLN5604 DLN6076 DLN6264

Haplotype	West					East			Unknown	Total
	Cape Frio	Cape Cross	Atlas Bay	Van Reenen's Bay	Kleinsee	Mossel Bay	Robberg	Black Rocks	Desert Diamond	
1							5	3	1	9
2		1	1	2	2	1	2	10	5	24
3	1	1	1	1	1	1	2	5		13
4					1	1		1	1	4
5	1	1					3	3	1	9
6		1	1		1	1		2		6
7						1	1			2
8							1	1		2
9				1	3	1	2	7	1	15
10					1		1			2
11			1				1			2
12					3		3			6
13							1	1		2
14							1	1		2
15						1		6	3	10
16		1			1		1	1		4
17								1		1
18								4		4
19				1				1		2
20								2		2
21								1		1
22			1					5		6
23								3		3
24	1		1				1	4		7
25							1			1
26	1	1		1	1			3		7
27	1		1		3	1		2		8
28					1			1		2
29			1					1		2
30								2		2
31							1	2		3
32					1			1		2
33							1	3		4
34								2		2
35								1		1
36								3		3
37					1			1		2
38								1		1
39								1		1

40		1					1		2
41							1		1
42								1	1
43							1		1
44								1	1
45			1		1				2
46			1						1
47		1		1					2
48				1					1
49				1					1
50				1					1
51		1							1
52	1								1
53	1								1
54	1								1
55	1								1
56	1								1
57	1								1
58					1				1
59					1				1
'60					1				1
61					2				2
62					1				1
63					1				1
64					1				1
65					1				1