

Table S1. Description of samples used in this study.

Collection site (abbreviation)	Number of sea lion samples	Collection date	Sample name
<u>South Australia</u>			
Blefuscu Is. (BI_SA)	4	8-Jul-2009	A27, A28, A29, A31
Lewis Is. (LI_SA)	4	11-Feb-2010	A74, A78, A79, A80
Liguanea Is. (LigI_SA)	2	5-May-2009	A90, A93
Lilliput Is. (LilI_SA)	4	22-Jun-2009	A120, A122, A123, A124
Olive Is. (OI_SA)	3	1-Sept-2010	A187, A188, A189
West Waldegrave Is. (WWI_SA)	2	21-May-2009	A235, A243
<u>South Australia: Kangaroo Is.</u>			
Cape Gantheaume (CG_KI)	3	18-Mar-2009	A40, A41, A44
Seal Bay (SB_KI)	2	16-Mar-2009	A203, A206
Seal Slide (SS_KI)	4	23-Jul-2009	A230, A231, A232, A233
<u>Western Australia</u>			
Beagle Is. (BI_WA)	2	16-Mar-2010	A12, A15
North Fishermans Is. (NFI_WA)	3	18-Mar-2009	A50, A51, A52
<u>Captive</u>			
Dolphin Marine Magic (NSW) (DMM_Cap)	5	24-Mar-2011	P7, P9, P10, P11, P12
Sea World (QLD) (SW_Cap)	3	22-May-2013, 4-April-2013, 17-April-2013	S1, S4, S6
Taronga Zoo (NSW) (TZ_Cap)	2	2-May-2013	T1, T2