

**Supplemental Table 1 CYP1A1 expression analyzed within false killer whales, without and with exclusion of individual outliers HIPc184, HIPc220, HIPc266**

	Without exclusion of individual outliers				With exclusion of individual outliers			
	Significance <sup>a</sup>	Power <sup>b</sup>	Sample size	Individual(s) excluded	Significance	Power	Sample size	Individual(s) excluded
Cluster	<i>P</i> =0.191	1.00	<i>N</i> =31; Cluster 1: <i>n</i> =17 Cluster 2: <i>n</i> =6 Cluster 3: <i>n</i> =8	Undetermined clusters, <i>n</i> =5	<i>P</i> =0.212	1.00	<i>N</i> =29; Cluster 1: <i>n</i> =16 Cluster 2: <i>n</i> =5 Cluster 3: <i>n</i> =8	Undetermined clusters, <i>n</i> =5; HIPc220, HIPc266
Age	<i>P</i> =0.170	1.00	<i>N</i> =24 Juveniles: <i>n</i> =8 Adults: <i>n</i> =16	Probable estimates of age, <i>n</i> =12	<i>P</i> =0.195	1.00	<i>N</i> =23 Juveniles: <i>n</i> =8 Adults: <i>n</i> =15	Probable estimates of age, <i>n</i> =12; HIPc184
Gender	<i>P</i> =0.845	1.00	<i>N</i> =36 Females: <i>n</i> =17 Males: <i>n</i> =19	None excluded	<i>P</i> =0.812	1.00	<i>N</i> =33 Females: <i>n</i> =15 Males: <i>n</i> =18	HIPc184, HIPc220, HIPc266
Age within gender (females)	<i>P</i> =0.324	1.00	<i>N</i> =9 Juveniles: <i>n</i> =3 Adults: <i>n</i> =6	Probable estimates of age, <i>n</i> =8	Same result as without exclusion (HIPc184, only outlier with known age, is a male and not analyzed here)			
Age within gender (males)	<b><i>P</i>=0.010</b>	1.00	<i>N</i> =15 Juveniles: <i>n</i> =5 Adults: <i>n</i> =10	Probable estimates of age, <i>n</i> =4	<b><i>P</i>=0.016</b>	1.00	<i>N</i> =14 Juveniles: <i>n</i> =5 Adults: <i>n</i> =9	Probable estimates of age, <i>n</i> =4; HIPc184
Gender within age (juveniles)	<b><i>P</i>=0.015</b>	1.00	<i>N</i> =8 Females <i>n</i> =3 Males: <i>n</i> =5	Probable estimates of age, <i>n</i> =4	Same result as without exclusion (HIPc184, only outlier with known age, is an adult and not analyzed here)			
Gender within age (adults)	<i>P</i> =0.338	1.00	<i>N</i> =16 Females <i>n</i> =6 Males: <i>n</i> =10	Probable estimates of age, <i>n</i> =4	<i>P</i> =0.381	1.00	<i>N</i> =15 Females <i>n</i> =6 Males: <i>n</i> =9	Probable estimates of age, <i>n</i> =4 ; HIPc184

<sup>a</sup> Significant p-values obtained are noted in bold print.

<sup>b</sup> Power to detect significant differences was determined at  $\delta = 0.50$ .