

Appendix Table 1. Genbank accession numbers for opsin genes sequenced in this work. The accession number for the genes which were sequenced are noted by their last three digits (with the first five digits being AY673xxx) except for two LWS sequences where the last 6 digits are given (being AYxxxxxxx). If sequences were identical for more than one individual, then they were included in the same Genbank submission.

Species and locality	Specimen #	Sex	Last digits of Genbank accession# of opsin genes					
			LWS	RH2	SWS2b	SWS2a	SWS1	RH1
<i>P. nyererei</i> Makobe	Pnm1	M	688	698	708	718	728	738
	MSP#20	F	920394	-	-	-	-	-
<i>P. nyererei</i> Python	MSP#3	F	749	755	-	762	-	768
	MSP#8	M	749	756	-	763	-	768
	Pn1RT	M						
<i>P. pundamilia</i> Makobe	Ppm1	M	689	699	709	719	729	739
	MSP#21	M	920395	-	-	-	-	-
<i>P. pundamilia</i> Python	MSP#4	F	748	753	-	760	-	767
	MSP#9	M	748	754	-	761	-	767
<i>P. azurea</i> Ruti	V2		690	700	710	720	730	740
	MSP#6	M	750	757	-	764	-	769
	MSP#11	M	750	757	-	764	-	769
<i>P. 'luanso'</i> Luanso	V5		691	701	711	721	731	741
	MSP#2	F	751	758	-	765	-	770
	MSP#7	M	751	758	-	765	-	770
<i>P. 'red head'</i> Zue	V3		692	702	712	722	732	742
	MSP#5	F	752	759	-	766	-	771
	MSP#10	M	752	759	-	766	-	771