

Figure S6

AncLophoSR	1	PANQII	SALLKAD	PPVLY	ASHDP	DLPDTE	VHLMT	SLIKLADREL	VHVINWAK	NIPGYTDL
AncMoller	1	RSASILE	ALQKAD	LPVLE	SHH	NHNIP	PTKVHL	LNSLIKLADREL	VHLINWAK	HVPGYTDL
AncLophSR	61	SLNDQVHL	LECCWMELL	ILGLA	WRSM	HEGKRLV	FAPDL	ILDREQ	ARVAGMTEIF	DQILA
AncMoller	61	SLSDQVHL	IECCWMELL	LLNCA	FRSM	HEGKRLV	FAPDL	VLDRQQ	WNVTGMTEIF	EQVAA
AncLophSR	121	ISQQFR	QLHLNKEE	FVLLKA	IVLVN	SDVRRLE	SYSKIQ	ELQQNI	HDALVDT	VAKYHPQNP
AncMoller	121	VSEQMM	QYHINKEE	LLLLQ	ATVLVN	AEVRRLA	SFSKIQ	DMQQS	ILDALVDT	AQKYHPDNP
AncLophSR	181	RRLAQ	LLLLLPHIRQ	VS	NGIEHLY	SMKSEGA	VPLYD	LLTEMLDAQ		
AncMoller	181	RHVPS	VLLLLLTHIRQ	AGERGI	AYFQ	KLKREGCV	TFCDLL	TEMLDAQ		