

**Table A2. Feather mites (FM) sampled from long-tailed skua used for molecular study.**

Sample ID	FM specimen & DNA code	COI haplotype	GenBank acc. nos.		FM species
			COI	28S rDNA	
F01p	Env491	H10	KF018841		<i>Zachvatkinia isolata</i>
F02p	Env417	H44	KF018836		<i>Z. isolata</i>
	Env418	H43	KF018837		<i>Z. isolata</i>
	Env420	H37	KF018838		<i>Z. isolata</i>
	Env421	H21	KF018839		<i>Z. isolata</i>
	Env487	H56	KF018834		<i>Alloptes</i> sp.n.
	Env488	H56	KF018835	KJ804202	<i>Alloptes</i> sp.n.
F03p	lack of sequence data				
F04p	Env504	H12	KF018849		<i>Z. isolata</i>
	Env505	H2	KF018850		<i>Z. isolata</i>
	Env506	H31	KF018851		<i>Z. isolata</i>
	Env507	H16	KF018852	KJ804199	<i>Z. isolata</i>
	Env508	H53	KF018853		<i>Z. isolata</i>
F05p	Env502	H4	KF018847		<i>Z. isolata</i>
	Env503	H1	KF018848		<i>Z. isolata</i>
F07p	Env495	H23	KF018842	KJ804200	<i>Z. isolata</i>
F08p	Env451	H11	KF018840		<i>Z. isolata</i>
F09p	Env497	H42	KF018843		<i>Z. isolata</i>
	Env498	H31	KF018844		<i>Z. isolata</i>
	Env499	H1	KF018825	KJ804198	<i>Z. isolata</i>
	Env500	H1	KF018845		<i>Z. isolata</i>
	Env501	H40	KF018846		<i>Z. isolata</i>
FJ03g	Env509	H33	KF018854		<i>Z. isolata</i>
	Env510	H20	KF018855		<i>Z. isolata</i>
FJ04g	Env425	H47	KF018826		<i>Z. isolata</i>
FJ05g	Env512	H5	KF018856		<i>Z. isolata</i>
	Env513	H1	KF018823		<i>Z. isolata</i>
	Env514	H19	KF018857		<i>Z. isolata</i>
	Env515	H50	KF018858		<i>Z. isolata</i>
FJ06g	Env516	H8	KF018824		<i>Z. isolata</i>