

**Table S4 Mutations in TLO ORFs following passage**

Gene	Position in ORF	Polymorphism	Type of mutation
<i>TLOγ5</i>	379	T → A	Non-synonymous
<i>TLOγ7</i>	297	A → G	Synonymous
<i>TLOγ8</i>	76	A → G	Non-synonymous
	96	G → A	Synonymous
	241	A → G	Non-synonymous
	333	A → T	Non-synonymous
<i>TLOα9</i>	444	C → T	Synonymous
	544	A → T	Non-synonymous
	565	C → T	Non-synonymous
	565	C → A	Non-synonymous
	615	C → T	Synonymous
	626	A → T	Non-synonymous
	627	C → T	Synonymous
	630	A → G	Synonymous
<i>TLOα10</i>	291	T → G	Synonymous
	293	T → C	Non-synonymous
<i>TLOγ11</i>	25	T → C	Non-synonymous
	76	A → G	Non-synonymous
	96	G → A	Non-synonymous
	111	A → T	Synonymous
	201	G → A	Synonymous
	312	G → A	Synonymous
<i>TLOα12</i>	304	T → G	Non-synonymous
	740	T → A	Non-synonymous
<i>TLOγ13</i>	24	A → T	Synonymous
	56	C → T	Non-synonymous
	531	C → T	Synonymous
<i>TLOγ16</i>	76	G → A	Non-synonymous
	456	A → G	Synonymous
	495	A → G	Synonymous
	522	A → T	Synonymous