	TP13 - CLADE B	TP8 - CLADE B	*Theileria* sp.(EF554395)	*Theileria paparinii* (MG758115)	*Theileria penicillata* (DQ437687)	*Theileria* sp. K1 (JQ682879)	Q2031b* - T. brachyuri CLADE	Q1340* - *T. brachyuri* CLADE	1051 - T. brachyuri CLADE	P92* and P68* - *T. gilberti* CLADE	*Theileria gilberti* (EF554394)	Q2031a - *T. brachyuri* CLADE	*Theileria brachyuri* (DQ437684)	*Theileria* sp. B16 (MG251437)	*Theileria* sp. B60 (MG251439)	*Theileria* sp. B43 (MG251438)	*Theileria apogeana* (MG758116)	Q2031b - CLADE E	*Theileria worthingtonorum* (MG758114)	P92 and P68 - CLADE D	*Theileria* sp. (MF576261)	*Theileria* sp. (MF136488)	*Theileria palmeri* (MG758113)	TB111 - CLADE A	TB105 - CLADE A	Q2377 - CLADE A	*Theileria* sp. (MF136494)	*Theileria fuliginosa* (DQ437686)	*Theileria* sp. (MF136493)			
TP13 - CLADE B																																
TP8 - CLADE B	0.2%																															
Theileria sp.(EF554395)	0.2%	0.0%																														
Theileria paparinii (MG758115)	0.2%	0.0%	0.0%																													
Theileria penicillata (DQ437687)	0.6%	0.4%	0.4%	0.4%																												
Theileria sp. K1 (JQ682879)	0.8%	0.6%	0.6%	0.6%	0.2%																											
Q2031b* - T. brachyuri CLADE	1.7%	1.4%	1.4%	1.4%	1.4%	1.2%																										
Q1340* - *T. brachyuri* CLADE	1.7%	1.4%	1.4%	1.4%	1.4%	1.2%	0.0%																									
1051 - T. brachyuri CLADE	1.7%	1.4%	1.4%	1.4%	1.4%	1.2%	0.0%	0.0%																								
P92* and P68* - *T. gilberti* CLADE	2.5%	2.2%	2.2%	2.2%	2.2%	1.9%	0.6%	0.6%	0.6%																							
Theileria gilberti (EF554394)	2.7%	2.4%	2.4%	2.4%	2.4%	2.1%	0.7%	0.7%	0.7%	0.2%																						
Q2031a - *T. brachyuri* CLADE	1.7%	1.4%	1.4%	1.4%	1.4%	1.2%	0.0%	0.0%	0.0%	0.6%	0.7%																					
Theileria brachyuri (DQ437684)	1.4%	1.2%	1.2%	1.2%	1.7%	1.4%	0.2%	0.2%	0.2%	0.8%	1.0%	0.2%																				
Theileria sp. B16 (MG251437)	3.4%	3.0%	3.0%	3.0%	3.0%	2.7%	3.8%	3.8%	3.8%	4.7%	4.9%	3.8%	4.2%																			
Theileria sp. B60 (MG251439)	3.4%	3.0%	3.0%	3.0%	3.0%	2.7%	3.8%	3.8%	3.8%	4.7%	4.9%	3.8%	4.2%	0.0%																		
Theileria sp. B43 (MG251438)	4.0%	3.6%	3.6%	3.6%	3.6%	3.2%	3.6%	3.6%	3.6%	4.7%	4.9%	3.6%	4.0%	1.4%	1.4%																	
Theileria apogeana (MG758116)	3.4%	3.0%	3.0%	3.0%	3.7%	3.4%	4.1%	4.1%	4.1%	4.3%	4.6%	4.1%	3.7%	5.9%	5.9%	5.0%																
Q2031b - CLADE E	4.6%	4.2%	4.2%	4.2%	5.1%	5.6%	5.4%	5.4%	5.4%	4.6%	4.8%	5.4%	4.9%	7.9%	7.9%	6.7%	4.1%															
Theileria worthingtonorum (MG758114)	5.5%	5.1%	5.1%	5.1%	6.0%	6.5%	6.2%	6.2%	6.2%	5.3%	5.5%	6.2%	5.7%	7.2%	7.2%	6.6%	4.6%	1.4%														
P92 and P68 - CLADE D	4.9%	4.4%	4.4%	4.4%	5.3%	5.8%	5.5%	5.5%	5.5%	4.9%	5.1%	5.5%	5.0%	8.0%	8.0%	6.9%	4.0%	0.9%	0.4%													
Theileria sp. (MF576261)	6.8%	6.3%	6.3%	6.3%	7.3%	7.9%	7.9%	7.9%	7.9%	7.3%	7.6%	7.9%	7.3%	10.0%	10.0%	10.8%	7.9%	4.2%	2.3%	2.8%												
Theileria sp. (MF136488)	6.3%	5.8%	5.8%	5.8%	5.8%	6.3%	4.8%	4.8%	4.8%	4.2%	4.4%	4.8%	5.3%	5.5%	5.5%	5.2%	9.0%	6.1%	6.6%	5.9%	8.2%											
Theileria palmeri (MG758113)	10.4%	9.6%	9.6%	9.6%	8.3%	8.9%	8.2%	8.2%	8.2%	7.1%	7.4%	8.2%	8.8%	10.0%	10.0%	10.8%	12.0%	7.1%	7.2%	8.0%	6.0%	7.4%										
TB111 - CLADE A	8.3%	7.8%	7.8%	7.8%	6.8%	6.4%	5.8%	5.8%	5.8%	5.5%	5.7%	5.8%	6.3%	9.0%	9.0%	9.3%	9.3%	8.0%	8.1%	8.3%	7.6%	6.7%	7.3%									
TB105 - CLADE A	8.3%	7.8%	7.8%	7.8%	6.8%	6.4%	5.8%	5.8%	5.8%	5.5%	5.7%	5.8%	6.3%	9.0%	9.0%	9.3%	9.3%	8.0%	8.1%	8.3%	7.6%	6.7%	7.3%	0.0%								
Q2377 - CLADE A	8.3%	7.8%	7.8%	7.8%	6.9%	6.4%	5.9%	5.9%	5.9%	5.9%	6.1%	5.9%	6.3%	9.0%	9.0%	9.3%	9.9%	8.6%	8.7%	8.9%	8.0%	7.2%	7.8%	0.4%	0.4%							
Theileria sp. (MF136494)	5.9%	5.4%	5.4%	5.4%	5.4%	5.0%	3.4%	3.4%	3.4%	3.6%	3.9%	3.4%	3.7%	6.1%	6.1%	6.5%	7.8%	7.9%	9.6%	8.7%	12.4%	4.8%	9.9%	7.8%	7.8%	8.3%						
Theileria fuliginosa (DQ437686)	9.0%	8.5%	8.5%	8.5%	9.6%	10.2%	10.2%	10.2%	10.2%	9.6%	9.9%	10.2%	9.5%	12.6%	12.6%	13.5%	10.2%	6.0%	4.2%	4.8%	1.5%	10.6%	8.1%	10.0%	10.0%	10.4%	15.3%					
Theileria sp. (MF136493)	14.0%	13.1%	13.1%	13.1%	11.5%	10.8%	11.2%	11.2%	11.2%	9.8%	10.1%	11.2%	11.9%	10.6%	10.6%	10.2%	12.6%	17.5%	14.6%	15.6%	18.6%	10.4%	12.3%	12.1%	12.1%	12.9%	10.0%	21.4%				