

KX977528	-----atcagttctagttataataactaataccaacttctttt	38
U86615	cggtaggtgaacctgccgttgatcagttctagtttaataactaataccaacttct---t	57
U86613	cggtaggtgaacctgccgttgatcagttctagtttttaataactaacaccaacttc---t	57
	***** * * * * *	
KX977528	taattaaatcacaaaacaatacaaatTTaataactaacttcatcaaaaaatcaagtctc	98
U86615	tttattaatcaaaaactaatacaattataaataactaact-tcatcaaaaaatcaagtctc	116
U86613	tttattaacaaaaaccaata-caaaattaaaaactaact-tcatcaaaaacaaagtctc	115
	* * ** ** *** ** * * ** ***** *****	
KX977528	taagcaatggatgtcttggctcctcacacgatgaagaacgtggcataatgtgttaagtaa	158
U86615	taagcaatggatgtcttggctcctcacacgatgaagaacgtggcataatgtgttaagtaa	176
	F3 FIP (F2) LF	
U86613	taagcaatggatgtcttggctcctcacacgatgaagaacgtggcataatgtgttaagtaa	175

KX977528	ccggagttgcaaacatcatgacaggTTaatctttgaatgcaaattgcgctttccc-ggct	217
U86615	ccggagttgcatacatcatgacaggTTaatctttgaatgcaaattgcgcttaaacttggct	236
	FIP (F1c) RIP (B1) LP	
U86613	ccggagttgcaaacatcatgacaggTTaatctttgaatgcaaattgcgctaaactcgatc	235
	***** * *	
KX977528	tcggccgaggagcatgcgtgtaacagtacaacattaattataataattcttatttctaagc	277
U86615	tcggctgagaagcatgcgtgtaacagtacaacataatttataataattcttatttctaagc	296
	RIP (B2)	
U86613	tcggctcgagaagcatgggtgtgacagtactacatcttttataataattcttatttctaagc	295
	**** ** ***** ** ***** ** *****	
KX977528	gaataagtaaataaaaattataagacaaacaatacgttTgtctgtatatacgca-----	328
U86615	gaataagtaaataaatt-ataagacaaact-tacgttTgtctgtatatacgcaggaagaccc	354
	B3	
U86613	gaataagtaaataatat-ataagacaaacaacacgtagtctgccatacgaggaagaccc	354
	***** * ***** ***** *****	
KX977528	-----	328
U86615	gctgaactgaagca	368
U86613	gctgaactgaagca	368

Figure S1. Alignment of ITS and 5.8S rRNA sequences of *Trichomonas tenax* (U86615), *T. vaginalis* (U86613) and *T. bixi* (KX977528). LAMP primers are color coded in *T. tenax* sequence.