

Supplementary Table S8. Protein expression of tubulin-like encoding gene fragments in proteomes reported of different *T. vaginalis* isolates and under distinct culture conditions.

Isolate			T1 ^{19, 21}		FMV1 ¹⁵		1 ²⁸		PA ¹⁸	SD7 ¹⁸	B7268 ¹⁸	G3 ¹⁸	SD10 ¹⁸	T1 ¹⁸	LSU 160 ²⁹	Unknown ²⁰	B7RC2 ^{24,26}		RU393 ²⁵	TV17-48 ³⁰	FMV1 ²²		
Condition/Morphology			IR	HI	TF	CLS	TF	CLS	HI						Am		Ca ²⁺	Suc	HI/Am	Unknown	Infection time (min)		
Extract/Organelle			Hyd	Hyd	TE	TE	TE	TE	MEP						TE		MVs	Exo	MEP	Lys	5	30	120
Group	Name	TVAG_																					
I	A	TvTUBα1	359090			x	xx										x				x		
		TvTUBα2	196270			x	xx	x	x	x	x	x	x	x		±	x		x		x	x	x
		TvTUBα3	206890			x	xx										x				x	x	x
		TvTUBα4	312330			x	xx										x						
		TvTUBα5	360870	±		x	xx										x						
		TvTUBα6	448390	±									x	x					x				
		TvTUBα7	467840																				
	B	TvTUBβ1	34440	xx		x		x							x		x						
		TvTUBβ2	456920	±		x	xx										x	x			x		
		TvTUBβ3	008680		x	x	xx			x	x	x		x			x	x	x		x		x
		TvTUBβ4	062880			x	xx										x	x			x	x	x
II	A		109820			xx	xx													x			
			338530												x					x			
			207590																				
	B		525430					x							x		x			x			
			523980												x								
			519620												x								
			073810												x								
			289290	±											x								
			200200												x								
			024080												x						x	x	x
			345420												x								
			148390												x	±							
			148400																		x		x
			043330												x								
			448410												x								
	C		065740																				
			184510																				
			369500																				
			073800																				
			257730																				

Morph: Morphology; TE: Total Extract; IR: Iron-restriction; HI: High iron; Ca²⁺: Calcium; Suc: Sucrose; Hyd: Hydrogenosomes; TF: Trophozoite; CLS: Cyst-Like Structure; MEP: Membrane-Enriched Pellet; Am: Amoeboid; MVs Microvesicles; Exo: Exosome; Lys: Lysosome; X: Presence; XX: Overexpressed; ±: Down expression. Superindex numbers of references: ¹⁵Dias-Lopes et al., 2018; ¹⁸de Miguel et al., 2010; ¹⁹Schneider et al., 2011; ²⁰Huang et al., 2012; ²¹Beltrán et al., 2013; ²²Gould et al., 2013; ²⁴Twu et al., 2013; ²⁵Riestra et al., 2015; ²⁶Nievas et al. 2017; ²⁸Beri et al., 2020; ²⁹Molgora et al., 2021; ³⁰Zimmann et al., 2022.