

Additional File 5. Analysis of molecular variance (AMOVA) in *T. vaginalis* global isolates for 19

***Tymar1* loci.**

Structure tested	SS	VC	%VAR	P
One group: SAF, WUS, EUS, MEX, ITA, AUS, PNG, LAB				
Among groups	40.11	0.14	9.96	0.00
Among individuals within populations	206.01	1.08	72.71	0.00
Within individuals	24.00	0.25	17.33	0.00
Two groups: SAF vs. WUS, EUS, MEX, ITA, AUS, PNG, LAB				
Among groups	19.78	0.46	24.99	0.00
Among populations within groups	20.32	0.04	2.32	0.00
Among individuals within populations	206.01	1.08	58.70	0.05
Within individuals	24.00	0.25	13.99	0.12