

CNCD147	MREVISIHVGQAGVQIGNGCWELYCLEHGIQPDGQLPSDKTIGVEDDAFNTFFSETGAGK	60
G3	MREVISIHVGQAGVQIGNGCWELYCLEHGIQPDGQLPSDKTIGVEDDAFNTFFSETGAGK	60

CNCD147	HVPRAVFVDLEPTVVDEVRTGTYRQLFHPEQLISGKEDAANNYARGHYTVGKEIIDLTLD	120
G3	HVPRAVFVDLEPTVVDEVRTGTYRQLFHPEQLISGKEDAANNYARGHYTVGKEIIDLTLD	120

CNCD147	RIRKLADQCTGLQGFLIFHSFGGGTGAGFGSLLERLSVDYGKSKLEFTVYPSPQVSTA	180
G3	RIRKLADQCTGLQGFLIFHSFGGGTGAGFGSLLERLSVDYGKSKLEFTVYPSPQVSTA	180

CNCD147	IVEPYNILATHSMIDHSDCAFMVDNEALYDLCRRALDIERPTYTNLNRILIGQVSSSLTA	240
G3	IVEPYNILATHSMIDHSDCAFMVDNEALYDLCRRALDIERPTYTNLNRILIGQVSSSLTA	240

CNCD147	SLRFDGALNVDFTFQTNLVPYARIHFPICSYAPVISAEKAYHEQLSVAEITNSLFEPAN	300
G3	SLRFDGALNVDFTFQTNLVPYARIHFPICSYAPVISAEKAYHEQLSVAEITNSLFEPAN	300

CNCD147	MMVKCDPRHGKYMACTLLYRGDVVPKDVSAAVATIKTKRTIQFVDWCPTGFKMGINYQPP	360
G3	MMVKCDPRHGKYMACTLLYRGDVVPKDVSAAVATIKTKRTIQFVDWCPTGFKMGINYQPP	360

CNCD147	TVVPGGDLAKVQRAVCMLANTTAIAEAWSRLDHKFDLMYAKRAFVHWYVGEEMEEAEFPE	420
G3	TVVPGGDLAKVQRAVCMLANTTAIAEAWSRLDHKFDLMYAKRAFVHWYVGEEMEEAEFPE	420

CNCD147	AREDLALLEKDYDEVAAESVEGGDEEEDGGEM	452
G3	AREDLALLEKDYDEVAAESVEGGDEEEDGGEM	452

Supplementary Figure S6. Amino acid alignment of the TvTUB α 1 protein of the *T. vaginalis* CNCD147 isolate and the G3 *T. vaginalis* genome. * Represents identical amino acid.