**A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Peptide numbera** | **Position (aa)b** | **Number in the sequencec** | **Amino acid sequenced** |
| 1 | 114-135 | I | IKDQGQCGSCWAFSAIQASESR |
| 2 | 181-192 | II | FMLTADYPYTAR |
| 3 | 203-222 | III | SVGLTKGYDEVKDTEAELAK |
| 4 | 209-222 | IV | GYDEVKDTEAELAK |
| 5 | 280-293 | V | NSWGTSWGEQGYIR |

**B**

1. MFAFLLSGAT SNVLKHEEKA FLAYMRETGN FFTGDEYHFR LGIYLANKRL
2. VQEHNAANKG FKLGLNKLAH LTQSEYRSLL GAKRLGQKSG NFFKCDAPAN

**I**

1. DAVDWRDKGI VNKIKDQGQC GSCWAFSAIQ ASESRYAQAN KQLLDLAEQN

**II**

1. IVDCVTSCYG CNGGWPSKAI DYVVKHQAGK FMLTADYPYT ARDGTCKFHA

**III IV**

1. SKSVGLTKGY DEVKDTEAEL AKAASKGVVS VCIDASHYSF QLYTSGIYDE

**V**

1. PSCSAWNLDH AVGLVGYGTE GSKNYWIVRN SWGTSWGEQG YIRMIKDKSN

**301** QCGIASEAIL PKAL

**Fig. S1.** Peptides of the TvCP2 protein identified by MALDI-TOF-MS in the 27-kDa band from CBB-stained gel from *T. vaginalis* *in vitro* secretion products (Fig. 2).

**A.** aConsecutive number assigned to the identified peptides. bPosition in amino acid (aa) residues of the identified peptides (start-end) in the TvCP2 (TVAG\_05700) aa sequence. cArbitrary nomenclature used to describe the five identified peptides in the TvCP2 aa sequence (part **B**). dAmino acid sequence of the peptides obtained from tryptic digestion and MALDI-TOF-MS analyses. **B.** Matched peptides identified in the 27-kDa band from a CBB-stained gel of secretion products from *T. vaginalis* (Fig. 2) detected in the aa sequence of TvCP2 (TVAG\_05700). Boxes in gray show the matched peptides obtained from tryptic digestion and mass spectrometry (part **A**). Consecutive Roman numbers (I-V) assigned to the identified peptides.