## Unique tissue-specific peptidases

| Protein description                  | Merops ID | Transcriptome accession          | Catalytic type |
|--------------------------------------|-----------|-----------------------------------|----------------|
| **Tegument**                         |           |                                   |                |
| Aminopeptidase                       | M01.003   | E_nip_trans_14085_m.106065        | Metallo        |
| Leishmanolysin-like peptidase        | M08.UPW   | E_nip_trans_28812_m.198322        |                |
| Subfamily S8B UP                     | S08.UPB   | E_nip_trans_69935_m.457916        | Serine         |
| **Intestine**                        |           |                                   |                |
| Family M38 UP                        | M38.UPW   | E_nip_trans_10356_m.66567         |                |
| Family M28 UP                        | M28.UPW   | E_nip_trans_14053_m.105842        | Metallo        |
| Subfamily M24A UP                    | M24.UPA   | E_nip_trans_50221_m.339700        |                |
| Subfamily M67A UP                    | M67.UPA   | E_nip_trans_49987_m.337216        |                |
| Subfamily M67A UP                    | M67.UPA   | E_nip_trans_67530_m.425489        |                |
| Family C95 UP                        | C95.UPW   | E_nip_trans_02416_m.6827          | Cysteine       |
| Family C12 UP                        | C12.UPW   | E_nip_trans_50567_m.342326        |                |
| Family C26 UP                        | C26.UPW   | E_nip_trans_10932_m.72931         |                |
| Subfamily S9C UP                     | S09.UPC   | E_nip_trans_11163_m.75252         | Serine         |
| Dipeptidyl peptidase                 | S09.UNB   | E_nip_trans_38320_m.260005        |                |
| Subfamily A28B UP                    | A28.UPB   | E_nip_trans_02587_m.8413          | Aspartic       |

## Unique tissue-specific peptidase inhibitors

| Protein description                  | Merops ID | Transcriptome accession           | Inhibitor family |
|--------------------------------------|-----------|-----------------------------------|-----------------|
| **Parenchyma**                       |           |                                   |                 |
| Family I4 UI                         | I04.UPW   | E_nip_trans_05839_m.24152         | I04             |
| **Tegument**                         |           |                                   |                 |
| Uncharacterized protein              | I21.001   | E_nip_trans_16975_m.132894        | I21             |
| Family I87 UI                        | I87.UPW   | E_nip_trans_61025_m.382655        | I87             |
| **Intestine**                        |           |                                   |                 |
| E. nipponicum KT1                    | I02.UPW   | E_nip_trans_05461_m.23039         | I02             |
| Type I cysteine peptidase inhibitor  | I25.UPA   | E_nip_trans_59007_m.373320        | I25             |
| Family I29 UI                        | I29.UPW   | E_nip_trans_06099_m.25531         | I29             |
| Family I29 UI                        | I29.UPW   | E_nip_trans_04670_m.20209         |                 |
| Uncharacterized protein              | I32.UPW   | E_nip_trans_07062_m.32740         | I32             |

UP, unassigned peptidase; UI, unassigned peptidase inhibitor.