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| **Supporting Table S2.** *Ascaris suum* intestinal proteins isolated on Concanavalin A agarose beads and identified by mass spectrometry. |
|  |  | Other Fraction3 |  | Compartment4 |  | M*r* (kDa)5 |
| Protein1 | Peptidase/ Glycosylase2 | PBS | 4MU | P2 | Pf |  | SP | NC | TM |  | 258 | 215 | 166 | 132 | 117 | 107 | 96 | 85 | 73 | 58 | 52 | 40 | 34 |
|  |  |
| GS\_13055 | - | 0 | 13 | 72 | 0 |  | Y | Y | - |  | 10 | - | - | - | 8 | - | 7 | - | 6 | 9 | 8 | 7 | - |
| GS\_14784 | - | 0 | 2 | 12 | 0 |  | - | Y | - |  | 3 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| GS\_15893 | G | 1 | 3 | 6 | 0 |  | - | Y | Y |  | 11 | - | - | - | - | - | - | - | - | - | - | - | - |
| GS\_16354 | G | 0 | 0 | 6 | 0 |  | - | Y | - |  | 14 | - | - | - | - | - | - | - | - | - | - | - | - |
| GS\_18934 | G | 2 | 2 | 7 | 0 |  | - | - | Y |  | 8 | - | - | - | - | - | - | - | - | - | - | - | - |
| GS\_23879 | G | 12 | 27 | 58 | 0 |  | - | Y | - |  | 22 | - | - | - | - | - | - | - | - | - | - | - | - |
| GS\_05584 | M01 | 0 | 6 | 18 | 0 |  | - | Y | - |  | - | - | 3 | 7 | 9 | - | - | - | 5 | - | - | - | - |
| GS\_08219 | M13 | 11 | 212 | 64 | 1 |  | Y | - | - |  | - | - | 40 | - | - | - | - | - | - | - | - | - | - |
| GS\_22704 | S10 | 0 | 6 | 44 | 0 |  | - | Y | - |  | - | - | 9 | - | - | - | - | - | - | - | - | - | - |
| GS\_16285 | M01 | 1 | 2 | 36 | 0 |  | - | Y | - |  | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| GS\_03841 | S10 | 3 | 4 | 55 | 0 |  | Y | - | - |  | - | - | - | - | 27 | - | - | - | - | - | - | - | - |
| GS\_04166 | M01 | 6 | 9 | 36 | 0 |  | - | Y | - |  | - | - | - | - | 24 | - | - | - | - | - | - | - | - |
| GS\_10842 | - | 0 | 2 | 6 | 0 |  | - | - | - |  | - | - | - | - | - | 9 | - | - | - | - | - | - | - |
| GS\_00096 | G | 1 | 6 | 16 | 0 |  | Y | Y | - |  | - | - | - | - | - | 6 | - | - | - | - | - | - | - |
| GS\_21785 | - | 0 | 0 | 0 | 0 |  | - | Y | - |  | - | - | - | - | - | - | 4 | - | - | - | - | - | - |
| GS\_05746 | M01 | 8 | 9 | 47 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | 4 | - | - | - | - | - |
| GS\_23920 | Un | 2 | 2 | 5 | 0 |  | - | Y | - |  | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| GS\_19074 | - | 0 | 1 | 10 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | 3 | - | - | - |
| GS\_19777 | G | 5 | 18 | 50 | 0 |  | - | Y | Y |  | - | - | - | - | - | - | - | - | - | 17 | 14 | - | - |
| GS\_01900 | - | 0 | 24 | 59 | 0 |  | - | Y | - |  | - | - | - | - | - | - | - | - | - | - | 5 | 3 | - |
| GS\_08951 | - | 7 | 14 | 54 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | 9 | - | - |
| GS\_19445 | A01A | 1 | 4 | 7 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | - | 18 | - |
| GS\_14901 | A01A | 1 | 5 | 7 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| GS\_21295 | - | 10 | 17 | 30 | 3 |  | - | Y | - |  | - | - | - | - | - | - | - | - | - | - | - | 16 | - |
| GS\_08343 |  | 60 | 32 | 13 | 14 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | - | - | 16 |
| GS\_12574 | A01A | 0 | 0 | 8 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| GS\_15316 | A01A | 3 | 2 | 8 | 0 |  | Y | - | - |  | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| 1Protein designation from translated protein sequences ([17](#_ENREF_17)). 2Peptidase family as defined in the MEROPS data base ([22](#_ENREF_22)), G refers to O-glycosyl hydrolase, Un refers to unclassified peptidase, - refers to annotation of another function; see more complete annotation in Table S1. 3Fractions in addition to the Concanavalin A fraction in which proteins were identified (numbers refer to quantity of mass spectra): PBS or 4MU, PBS or 4 M urea intestinal perfusates, respectively; P2, 5K-50K x *g* intestinal pellet; Pf, pseudocoelomic fluid. 4SP, signal peptide; NC, Non-classical secretion; TM, transmembrane. 5Calculated mass for gel slice from SDS-PAGE gel, obtained as described in Methods, the numbers refer to quantity of mass spectra obtained for each protein. |