

**Supplementary table 4. *Prediction of immunogenic polypeptides at different thresholds in Giardia assemblage A isolate WB***

|                     |           | <b>PR ≤0.01,<br/>IC50 50 nM</b> | <b>PR ≤0.1,<br/>IC50 50 nM</b> | <b>PR ≤1.0,<br/>IC50 50 nM</b> | <b><sup>1</sup>Total</b> | <b><sup>2</sup>Overlapping<br/>polypeptides</b> |
|---------------------|-----------|---------------------------------|--------------------------------|--------------------------------|--------------------------|---|
| <b>Number</b>       | <b>of</b> | 414                             | 1887                           | 3195                           | 5496                     | 2301  |
| <b>polypeptides</b> |           |                                 |                                |                                |                          |   |
| <b>Number</b>       | <b>of</b> | 21                              | 507                            | 1412                           | 1940                     | 1412  |
| <b>promiscuous</b>  |           |                                 |                                |                                |                          |   |
| <b>polypeptides</b> |           |                                 |                                |                                |                          |   |

PR, percentile rank. 1, total number of polypeptides predicted across all three thresholds. 2, polypeptides overlapping across the three thresholds.