Table S3: Accession numbers of amino acid sequences and gene IDs of six *Plasmodium* TRAP, AMA1, and P48/45 obtained from database.

<table>
<thead>
<tr>
<th>No.</th>
<th>Amino acid sequences</th>
<th>NCBI Accession numbers</th>
<th>Gene IDs</th>
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<tr>
<td>1.</td>
<td><em>P. malariae</em> TRAP</td>
<td>SCO93694.1</td>
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<td>2.</td>
<td><em>P. falciparum</em> TRAP</td>
<td>XP_001350088.1</td>
<td>814170</td>
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<td>3.</td>
<td><em>P. vivax</em> TRAP</td>
<td>XP_001614147.1</td>
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<td>7322479</td>
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<td><em>P. ovale curtisi</em> TRAP</td>
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<td>7.</td>
<td><em>P. malariae</em> AMA1</td>
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<td>8.</td>
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