Table S7: The table shows the the agreement with Uniprot annotations. The column fractions contain the number of TargetP 2.0 predictions that agree with the UniProt annotations.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| --- | --- | --- | --- | --- | --- | --- |
| Kingdom | Organism | Reference | TargetP 2.0 | Uniprot | Agree | Fractions |
| SP |
| Metazoa | H. sapiens | 20585 | 3698 | 3521 | 3382 | 91.5% |
| Metazoa | D. melanogaster | 13785 | 3323 | 3076 | 2994 | 90.1% |
| Metazoa | M. musculus | 22286 | 4278 | 4042 | 3883 | 90.8% |
| Metazoa | C. elegans | 19986 | 4591 | 4078 | 3967 | 86.4% |
| Metazoa | X. tropicalis | 24138 | 2366 | 1933 | 1841 | 77.8% |
| Metazoa | D. rerio | 25747 | 4399 | 3808 | 3651 | 82.9% |
| Fungi | S. cerevisiae | 6049 | 386 | 298 | 272 | 70.5% |
| Fungi | S. pombe | 5142 | 252 | 214 | 195 | 77.4% |
| Viridiplantae | A. thaliana | 27623 | 4115 | 3543 | 3374 | 82.0% |
| Viridiplantae | B. distachyon | 34230 | 3987 | 3567 | 3216 | 80.7% |
| Viridiplantae | O. sativa | 43588 | 4687 | 4169 | 3644 | 77.7% |
| Viridiplantae | S. lycopersicum | 33952 | 3904 | 2848 | 2675 | 68.5% |
| Viridiplantae | V. vinifera | 29882 | 2980 | 2199 | 2019 | 67.8% |
| mTP |
| Metazoa | H. sapiens | 20585 | 627 | 540 | 442 | 70.5% |
| Metazoa | D. melanogaster | 13785 | 522 | 136 | 102 | 19.5% |
| Metazoa | M. musculus | 22286 | 631 | 519 | 429 | 68.0% |
| Metazoa | C. elegans | 19986 | 447 | 116 | 88 | 19.7% |
| Metazoa | X. tropicalis | 24138 | 453 | 51 | 37 | 8.2% |
| Metazoa | D. rerio | 25747 | 626 | 98 | 70 | 11.2% |
| Fungi | S. cerevisiae | 6049 | 368 | 365 | 284 | 77.2% |
| Fungi | S. pombe | 5142 | 250 | 266 | 159 | 63.6% |
| Viridiplantae | A. thaliana | 27623 | 1095 | 526 | 432 | 39.5% |
| Viridiplantae | B. distachyon | 34230 | 970 | 0 | 0 | 0.0% |
| Viridiplantae | O. sativa | 43588 | 1100 | 86 | 67 | 6.1% |
| Viridiplantae | S. lycopersicum | 33952 | 931 | 4 | 4 | 0.4% |
| Viridiplantae | V. vinifera | 29882 | 725 | 0 | 0 | 0.0% |
| cTP |
| Viridiplantae | A. thaliana | 27623 | 1448 | 1222 | 884 | 61.0% |
| Viridiplantae | B. distachyon | 34230 | 1781 | 0 | 0 | 0.0% |
| Viridiplantae | O. sativa | 43588 | 2049 | 340 | 279 | 13.6% |
| Viridiplantae | S. lycopersicum | 33952 | 1274 | 78 | 57 | 4.5% |
| Viridiplantae | V. vinifera | 29882 | 1125 | 3 | 2 | 0.2% |
| luTP |
| Viridiplantae | A. thaliana | 27623 | 127 | 72 | 58 | 45.7% |
| Viridiplantae | B. distachyon | 34230 | 85 | 0 | 0 | 0.0% |
| Viridiplantae | O. sativa | 43588 | 84 | 9 | 5 | 6.0% |
| Viridiplantae | S. lycopersicum | 33952 | 117 | 1 | 1 | 0.9% |
| Viridiplantae | V. vinifera | 29882 | 91 | 0 | 0 | 0.0% |

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