**Supplementary File 5.** Summary of orthologs in each pair of species

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | ***Oxytricha*** | ***Tetmemena*** | ***E. woodruffi*** | **Species-specific genes\*** | **ciliate database** | **total number of genes (telomeric contigs)** |
| ***Oxytricha*** |  | 17847 | 5159 | 4839 | 18258 | 23067 |
| ***Tetmemena*** | 16347 |  | 4811 | 7885 | 16831 | 24748 |
| ***E. woodruffi*** | 5285 | 5494 |  | 27472 | 22825 | 33379 |