| Taxa | Total | Opsins | Outgroup |
|-----------------|-------|--------|----------|
| Bilateria | | | |
| Coelomata | | | |
| Deuterostomia | | | |
| Chordata | | | |
| Craniata | 578 | 174 | 404 |
| Cephalochordata | 11 | 0 | 11 |
| Tunicata | 2 | 0 | 2 |
| Echinodermata | 9 | 1 | 8 |
| Hemichordata | 0 | 0 | 0 |
| Protostomia | | | |
| Annelida | 6 | 3 | 3 |
| Arthropoda | 238 | 11 | 227 |
| Brachiopoda | 1 | 0 | 1 |
| Rotifera | 4 | 0 | 4 |
| Tardigrada | 3 | 0 | 3 |
| Onychophora | 1 | 0 | 1 |
| Mollusca | 30 | 7 | 23 |
| Nematoda | 6 | 3 | 3 |
| Acoelomata | | | |
| Platyhelminthes | 11 | 0 | 11 |
| Cnidaria | 33 | 0 | 33 |
| Ctenophora | 0 | 0 | 0 |
| Placozoa | 40 | 0 | 40 |

6

979

0

199

6

780

Unknown

Total