| Taxa | Total | Opsins | Outgroup |
|---|---|---|---|
| Bilateria | | | |
| ..Coelomata | | | |
| ....Deuterostomia | | | |
| ......Chordata | | | |
| ........Craniata | 562 | 41 | 521 |
| ........Cephalochordata | 5 | 1 | 4 |
| ........Tunicata | 0 | 0 | 0 |
| ......Echinodermata | 9 | 1 | 8 |
| ......Hemichordata | 1 | 1 | 0 |
| ....Protostomia | | | |
| ......Annelida | 10 | 3 | 7 |
| ......Arthropoda | 233 | 8 | 225 |
| ......Brachiopoda | 1 | 0 | 1 |
| ......Rotifera | 2 | 0 | 2 |
| ......Tardigrada | 1 | 0 | 1 |
| ......Onychophora | 0 | 0 | 0 |
| ......Mollusca | 22 | 2 | 20 |
| ......Nematoda | 7 | 1 | 6 |
| ....Acoelomata | | | |
| ......Platyhelminthes | 6 | 0 | 6 |
| Cnidaria | 29 | 0 | 29 |
| Ctenophora | 0 | 0 | 0 |
| Placozoa | 26 | 0 | 26 |
| Unknown | 5 | 1 | 4 |
| | | | |
| Total | 919 | 59 | 860 |