| Taxa | Total | Opsins | Outgroup |
|-----------------|-------|--------|----------|
| Bilateria | | | |
| Coelomata | | | |
| Deuterostomia | | | |
| Chordata | | | |
| Craniata | 4867 | 804 | 4063 |
| Cephalochordata | 74 | 9 | 65 |
| Tunicata | 8 | 3 | 5 |
| Echinodermata | 78 | 20 | 58 |
| Hemichordata | 15 | 5 | 10 |
| Protostomia | | | |
| Annelida | 86 | 13 | 73 |
| Arthropoda | 1993 | 197 | 1796 |
| Brachiopoda | 11 | 1 | 10 |
| Rotifera | 14 | 0 | 14 |
| Tardigrada | 17 | 5 | 12 |
| Onychophora | 3 | 0 | 3 |
| Mollusca | 192 | 19 | 173 |
| Nematoda | 38 | 22 | 16 |
| Acoelomata | | | |
| Platyhelminthes | 82 | 11 | 71 |
| Cnidaria | 294 | 66 | 228 |
| Ctenophora | 0 | 0 | 0 |
| Placozoa | 289 | 289 | 0 |
| Unknown | 39 | 3 | 36 |
| Total | 8100 | 1467 | 6633 |