| Taxa            | Total Opsins Outgroup |    |     |
|-----------------|-----------------------|----|-----|
| Bilateria       |                       |    |     |
| Coelomata       |                       |    |     |
| Deuterostomia   |                       |    |     |
| Chordata        |                       |    |     |
| Craniata        | 533                   | 96 | 437 |
| Cephalochordata | 10                    | 1  | 9   |
| Tunicata        | 1                     | 0  | 1   |
| Echinodermata   | 11                    | 3  | 8   |
| Hemichordata    | 0                     | 0  | 0   |
| Protostomia     |                       |    |     |
| Annelida        | 10                    | 0  | 10  |
| Arthropoda      | 223                   | 26 | 197 |
| Brachiopoda     | 2                     | 0  | 2   |
| Rotifera        | 1                     | 0  | 1   |
| Tardigrada      | 3                     | 2  | 1   |
| Onychophora     | 1                     | 0  | 1   |
| Mollusca        | 21                    | 2  | 19  |
| Nematoda        | 8                     | 8  | 0   |
| Acoelomata      |                       |    |     |
| Platyhelminthes | 14                    | 4  | 10  |
| Cnidaria        | 29                    | 5  | 24  |
| Ctenophora      | 0                     | 0  | 0   |

27

174

0

0

6

726

27

900

6

Placozoa

Unknown

Total