

| Taxa                 | Total Opsins Outgroup |     |     |
|----------------------|-----------------------|-----|-----|
| Bilateria            |                       |     |     |
| ..Coelomata          |                       |     |     |
| ....Deuterostomia    |                       |     |     |
| .....Chordata        |                       |     |     |
| .....Craniata        | 570                   | 88  | 482 |
| .....Cephalochordata | 9                     | 0   | 9   |
| .....Tunicata        | 0                     | 0   | 0   |
| .....Echinodermata   | 5                     | 0   | 5   |
| .....Hemichordata    | 1                     | 1   | 0   |
| ....Protostomia      |                       |     |     |
| .....Annelida        | 13                    | 2   | 11  |
| .....Arthropoda      | 260                   | 24  | 236 |
| .....Brachiopoda     | 0                     | 0   | 0   |
| .....Rotifera        | 1                     | 0   | 1   |
| .....Tardigrada      | 2                     | 2   | 0   |
| .....Onychophora     | 0                     | 0   | 0   |
| .....Mollusca        | 18                    | 2   | 16  |
| .....Nematoda        | 8                     | 8   | 0   |
| ....Acoelomata       |                       |     |     |
| .....Platyhelminthes | 8                     | 4   | 4   |
| Cnidaria             | 39                    | 9   | 30  |
| Ctenophora           | 0                     | 0   | 0   |
| Placozoa             | 26                    | 26  | 0   |
| Unknown              | 3                     | 0   | 3   |
| Total                | 963                   | 166 | 797 |