

1 Peropsins

117

DCYDRYDACKNPCIYFNKK

2 Astropsins

4

PCYDRYPICKNPLMEFFKK

3 RGR-opsins

174

DCHDRYETCKNATFYNYEN

4 Nemopsins

3

CYDRYFTCRNPFFYYNPP

5 Retinochromes

29

NCYERYETCKYPLFYESSR

6 Gluopsins

36

SCFERYDICEPYLFCYLPDER

7 Varropsins

5

DCYEQYETCKNPFIFYMNRN

8 Outgroup

6119

DCYPRYETCKNPLIFYENM

83

11

11

13

13

13

18

18

18

29

30

30

30

30

30

31

31

31

31