

- 1 **Supplementary File 3. Lamprey CNE sequence alignment.**
- 2 Global alignment of uCNE and dCNE sequences from a range of vertebrates
- 3 including lamprey and hagfish. The conserved core is marked in green, dCNE
- 4 specific alignment in blue, uCNE specific alignment in red. Fasta files of uCNE and
- 5 dCNE sequences in Supplementary Files 4 and 5
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