

Homeobox and Hox Genes

(with thanks to Jennifer Harrison)

- Hox genes *are* homeobox genes as they contain the homeobox, but homeobox genes include Hox genes, ParaHox genes etc.
- **The terms are *not* interchangeable.**
- Scientists discovered that there are some genes that contain a very **conserved region of DNA** we now call the homeobox. When I say very conserved, I mean it. You have homeobox genes, the birds outside do, the grass outside does... even yeast does.

Ocr A Level Biology 2014 Evaluative Genes

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Artificial Intelligence and Soft Computing Leszek Rutkowski, Rafał Scherer, Marcin Korytkowski, Witold Pedrycz, Ryszard Tadeusiewicz, Jacek M. Zurada, 2018-05-24 The two volume set LNAI 10841 and LNAI 10842 constitutes the refereed proceedings of the 17th International Conference on Artificial Intelligence and Soft Computing ICAISC 2018 held in Zakopane Poland in June 2018 The 140 revised full papers presented were carefully reviewed and selected from 242 submissions The papers included in the first volume are organized in the following three parts neural networks and their applications evolutionary algorithms and their applications and pattern classification

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