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## Genetic influences on language evolution: an evaluation of the evidence

Several genes have been mentioned in the literature in conjunction with the evolution of language, e.g. FOXP2, ASPM, and microcephalin. In addition, genes likely involved in a regulatory network of functions related to the production of language include DYX1C1, ROBO1, NLG3, NLG4, BDNF, and DTNBP-1. We will describe how these genes were discovered, how they help dissect complex processes involved in the generation of language, and evaluate the genetic evidence for their contributions to the development of language skills.