

- Amaral, A. R., Jackson, J. A., Möller, L. M., Beheregaray, L. B., & Manuela Coelho, M. (2012). Species tree of a recent radiation: The subfamily Delphininae (Cetacea, Mammalia). *Molecular Phylogenetics and Evolution*, 64(1), 243–253. <https://doi.org/10.1016/j.ympev.2012.04.004>
- Ayoub, N. A., McGowen, M. R., Clark, C., Springer, M. S., & Gatesy, J. (2009). Evolution and phylogenetic utility of the melanocortin-1 receptor gene (*MC1R*) in Cetartiodactyla. *Molecular Phylogenetics and Evolution*, 52(2), 550–557. <https://doi.org/10.1016/j.ympev.2009.03.008>
- Coombs, E. J., Knapp, A., Park, T., Bennion, R. F., McCurry, M. R., Lanzetti, A., Boessenecker, R. W., & McGowen, M. R. (2024). Drivers of morphological evolution in the toothed whale jaw. *Current Biology*, 34(2), 273–285.e3. <https://doi.org/10.1016/j.cub.2023.11.056>
- Fordyce, R., & de Muizon, C. (2001). Evolutionary history of cetaceans: A review. In *Secondary Adaptation of Tetrapods to Life in Water* (pp. 169–233).
- Gatesy, J., Geisler, J. H., Chang, J., Buell, C., Berta, A., Meredith, R. W., Springer, M. S., & McGowen, M. R. (2013). A phylogenetic blueprint for a modern whale. *Molecular Phylogenetics and Evolution*, 66(2), 479–506. <https://doi.org/10.1016/j.ympev.2012.10.012>
- Geisler, J. H., McGowen, M. R., Yang, G., & Gatesy, J. (2011). A supermatrix analysis of genomic, morphological, and paleontological data from crown Cetacea. *BMC Evolutionary Biology*, 11(1), 112. <https://doi.org/10.1186/1471-2148-11-112>
- Goldbogen, J. A., & Madsen, P. T. (2018). The evolution of foraging capacity and gigantism in cetaceans. *Journal of Experimental Biology*, 221(11), jeb166033. <https://doi.org/10.1242/jeb.166033>
- Jackson, J. A., Baker, C. S., Vant, M., Steel, D. J., Medrano-González, L., & Palumbi, S. R. (2009). Big and Slow: Phylogenetic Estimates of Molecular Evolution in Baleen Whales (Suborder Mysticeti). *Molecular Biology and Evolution*, 26(11), 2427–2440. <https://doi.org/10.1093/molbev/msp169>
- Magpali, L., Ramos, E., Picorelli, A., Freitas, L., & Nery, M. F. (2024). Molecular evolution of toothed whale genes reveals adaptations to echolocating in different environments. *BMC Genomics*, 25(1), 1049. <https://doi.org/10.1186/s12864-024-10910-1>
- Mancia, A. (2018). On the revolution of cetacean evolution. *Marine Genomics*, 41, 1–5. <https://doi.org/10.1016/j.margen.2018.08.004>
- Marx, F. G., & Fordyce, R. E. (2015). Baleen boom and bust: A synthesis of mysticete phylogeny, diversity and disparity. *Royal Society Open Science*, 2(4), 140434. <https://doi.org/10.1098/rsos.140434>

- May-Collado, L., & Agnarsson, I. (2006). Cytochrome *b* and Bayesian inference of whale phylogeny. *Molecular Phylogenetics and Evolution*, 38(2), 344–354. <https://doi.org/10.1016/j.ympev.2005.09.019>
- McGowen, M. R., Montgomery, S. H., Clark, C., & Gatesy, J. (2011). Phylogeny and adaptive evolution of the brain-development gene microcephalin (MCPH1) in cetaceans. *BMC Evolutionary Biology*, 11(1), 98. <https://doi.org/10.1186/1471-2148-11-98>
- McGowen, M. R., Spaulding, M., & Gatesy, J. (2009). Divergence date estimation and a comprehensive molecular tree of extant cetaceans. *Molecular Phylogenetics and Evolution*, 53(3), 891–906. <https://doi.org/10.1016/j.ympev.2009.08.018>
- Pyenson, N. D., Goldbogen, J. A., Vogl, A. W., Szathmary, G., Drake, R. L., & Shadwick, R. E. (2012). Discovery of a sensory organ that coordinates lunge feeding in rorqual whales. *Nature*, 485(7399), 498–501. <https://doi.org/10.1038/nature11135>
- Steeman, M. E., Hebsgaard, M. B., Fordyce, R. E., Ho, S. Y. W., Rabosky, D. L., Nielsen, R., Rahbek, C., Glenner, H., Sørensen, M. V., & Willerslev, E. (2009). Radiation of Extant Cetaceans Driven by Restructuring of the Oceans. *Systematic Biology*, 58(6), 573–585. <https://doi.org/10.1093/sysbio/syp060>
- Zhang, Y., Lv, W., Wen, Y., Guo, B., Yang, G., & Ren, W. (2025). Molecular adaptations in MMP genes support lung elasticity and diving adaptations in cetaceans. *BMC Genomics*, 26, 1–15. <https://doi.org/10.1186/s12864-025-11751-2>
- Zhang, Z., Yu, Z., Chong, Y., Liu, Y., Liu, J., Ren, W., Xu, S., & Yang, G. (2025). Evolution of cetacean-specific conserved non-coding elements suggests their role in the limb changes during secondary aquatic adaptation. *BMC Biology*, 23, 1–17. <https://doi.org/10.1186/s12915-025-02300-0>
- Zhou, X., Xu, S., Yang, Y., Zhou, K., & Yang, G. (2011). Phylogenomic analyses and improved resolution of Cetartiodactyla. *Molecular Phylogenetics and Evolution*, 61(2), 255–264. <https://doi.org/10.1016/j.ympev.2011.02.009>