BMC Biology Influences on cranial morphology Research article | Open Access | Published: 10 July 2020 Wonky whales: the evolution of cranial asymmetry in Asymmetry and echolocation cetaceans Ellen J. Coombs [™], Julien Clavel, Travis Park, Morgan Churchill & Anjali Goswami trait value length=24.197 Most shifts and jumps in the Mid-Oligocene and Miocene Million years ago (Mya)