Figure F1. Modern location of Expedition 369 sites (red; stars = study sites) and DSDP Leg 26 Site 258 and Leg 28 Site 264 (black) drilled in Mentelle Basin. Purple and red lines = positions of seismic lines. Modified from Huber et al. (2019a).

Figure F2. Paleoreconstruction at 34 and 115 Ma. Star = location of Mentelle Basin and study sites. Generated at https://www.odsn.de/odsn/services/paleomap/paleomap.html.

Figure F3. Shipboard summary of lithology and stratigraphy with new and published in Petrizzo et al. (2022) bulk carbonate stable isotope records analyzed at MU, Site U1513. NGR = natural gamma radiation. CCSF = core composite depth below seafloor. See Tables T5 and T6 in Huber et al. (2019b) for calcareous nannofossil and planktonic foraminifer event definitions. Modified from Huber et al. (2019a).

Figure F4. Shipboard summary of lithology and stratigraphy with new bulk carbonate stable isotope records analyzed at MU and UoB, Site U1514. NGR = natural gamma radiation. PCIM = Paleocene carbon isotope maximum, K/Pg = Cretaceous/Paleogene boundary. Modified from Huber et al. (2019a).

Figure F5. Shipboard summary of lithology and stratigraphy with new and published in Petrizzo et al. (2021) bulk carbonate stable isotope records analyzed at MU, KU, and UoB, Site U1516. CN = calcareous nannofossil. NGR = natural gamma radiation. Modified from Huber et al. (2019a).