**Section S3. Full list of references used in construction of figure 9**

(a) Brunia: Devonian: this study only; Ediacaran: Jastrzębski et al. (2021); Soejono et al. (2022); Timmerman et al. (2023).

(b) Teplá-Barrandia: Devonian: Drost et al. (2011); Strnad and Mihaljevič (2005); Žák and Sláma (2018); Ediacaran: Drost et al. (2011); Hajná et al. (2017, 2018, 2019); Kurzweil et al. (2015); Pašava et al. (2021); Žák et al. (2020, 2025).

(c) Saxo-Thuringia: Linnemann et al. (2007, 2014, 2018); Collett et al. (2020); Kühnemann et al. (2025).

(d) Góry Sowie Metamorphic Complex U-Pb: Tabaud et al. (2021); Jastrzębski et al. (2025).

(e) Fennoscandian shield: Sláma (2016); Lorentzen (2018); Linnemann et al. (2024); Slater et al. (2025); Ziemniak et al. (2025).

(f) Holy Cross Mts.: Callegari et al. (2024); Dörr et al. (2022); Żelaźniewicz et al. (2020).

(g) Ukraine: Ediacaran: Francovschi et al. (2023); Paszkowski et al. (2021); early Cambrian: Paszkowski et al. (2021).

(h) Newfoundland: Beranek et al. (2023); Gomez et al. (2025); Mills et al. (2024); Ortiz and Lowe (2024); Pollock et al. (2009).

(i) Rhenish Massif: Ediacaran: Dörr et al. (2019); Linnemann et al. (2024); Cambro-Ordovician: Herbosch et al. (2020); Linnemann et al. (2012); Willner et al. (2013).

(j) Rhenohercynian allochthon: Eckelmann et al. (2014); Mende et al. (2019); Linnemann et al. (2024).

(k) Balkan Fold and Thrust Belt: Žák et al. (2026).

(l) Istanbul Zone: Ustaömer et al. (2011); Yılmazer et al. (2025).

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