

**J236-002**

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## Trace element and Os isotopic compositions of deep-sea sedimentary rocks across the Permian-Triassic boundary

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We report trace element and Os isotopic signatures of Permian-Triassic boundary (PTB) sections from the Japanese accretionary complexes in order to constrain deep-sea environmental changes across the PTB more tightly. It is demonstrated that there is a significant change in Os isotopic ratios and redox-related trace element contents across the PTB.