

# Middle Miocene felsic intrusive bodies control the geometrical segments of the Median Tectonic Active faults system

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The Median Tectonic Line (MTL) is one of the most predominant and active faults in Japan. It forms an active fault system with predominantly right-lateral displacement in the Quaternary in Shikoku and western Kii. Surface trace of MTL active faults are controlled by Middle Miocene rhyolitic intrusive bodies. K-Ar datings of rhyolite concentrate on 14Ma.