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Regnase-1, an immuno-modulator, limits the IL-36/IL-36R auto-stimulatory loop in keratinocytes to suppress skin inflammation.

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Short title: Roles of Regnase-1 in skin inflammation

Key words: Regnase-1, keratinocytes, inflammation, and IL-36

Abbreviations: Reg-1, Regnase-1; TLR, toll-like receptor, KC, keratinocyte; KD, knock-down; KO, knock-out; IMQ, imiquimod; IL-36R, IL-36 receptor, CH, contact hypersensitivity

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