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Effect of rtTA-M2 and rtTA on basal and inducible TRE-mediated transcription.

(a) Structures of expression units. CMVpro; cytomegalovirus promoter. (b) NIH3T3 cells were transiently co-transfected with the pTRE-Luc reporter plasmid (10 ng), together with prtTA-M2 (100 ng) or prtTA (100 ng). pCH110 (100 ng) was used as a control for transfection efficiency. Empty vector (pcDNA3) was used to standardize the total amount of transfected DNA (210 ng). Dox (10-1000 ng/ml) was added to the cell culture medium. * indicates $p<0.05$ compared with control cells transfected with pcDNA3 in the absence of Dox (Student's *t* test). # indicates $p<0.05$ compared with cells expressing rtTA in the presence of each dose of Dox (Student's *t* test).

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Author names: Hiroshi Hosoda[1, #], Takahisa Miyao[1, #], Shusaku Uchida[2], Shinsuke Sakai[2] and Satoshi Kida[1, 2, #, *]

Affiliation and e-mail address of the corresponding author: *PhD. Satoshi KIDA, Department of Bioscience, Faculty of Applied Bioscience, Tokyo University of Agriculture, 1-1-1 Sakuragaoka, Setagaya-ku, Tokyo 156-8502, Japan. E-mail: kida@nodai.ac.jp*

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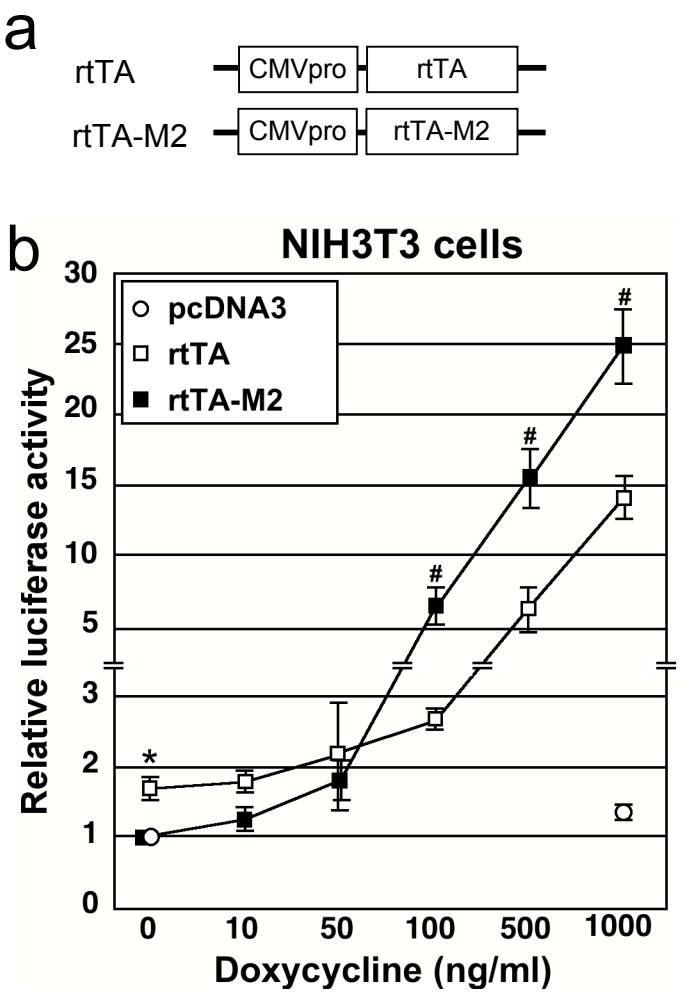

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