The University of Osaka
Institutional Knowledge Archive

Title	Roles of TRPM4 in immune responses in keratinocytes and identification of a novel TRPM4-activating agent
Author(s)	Saito, Kaori Otsuka; Fujita, Fumitaka; Toriyama, Manami et al.
Citation	Biochemical and Biophysical Research Communications. 2023, 654, p. 1-9
Version Type	AM
URL	https://hdl.handle.net/11094/91336
rights	© 2023. This manuscript version is made available under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.
Note	

The University of Osaka Institutional Knowledge Archive : OUKA

https://ir.library.osaka-u.ac.jp/

The University of Osaka

Biochemical and Biophysical Research Communications

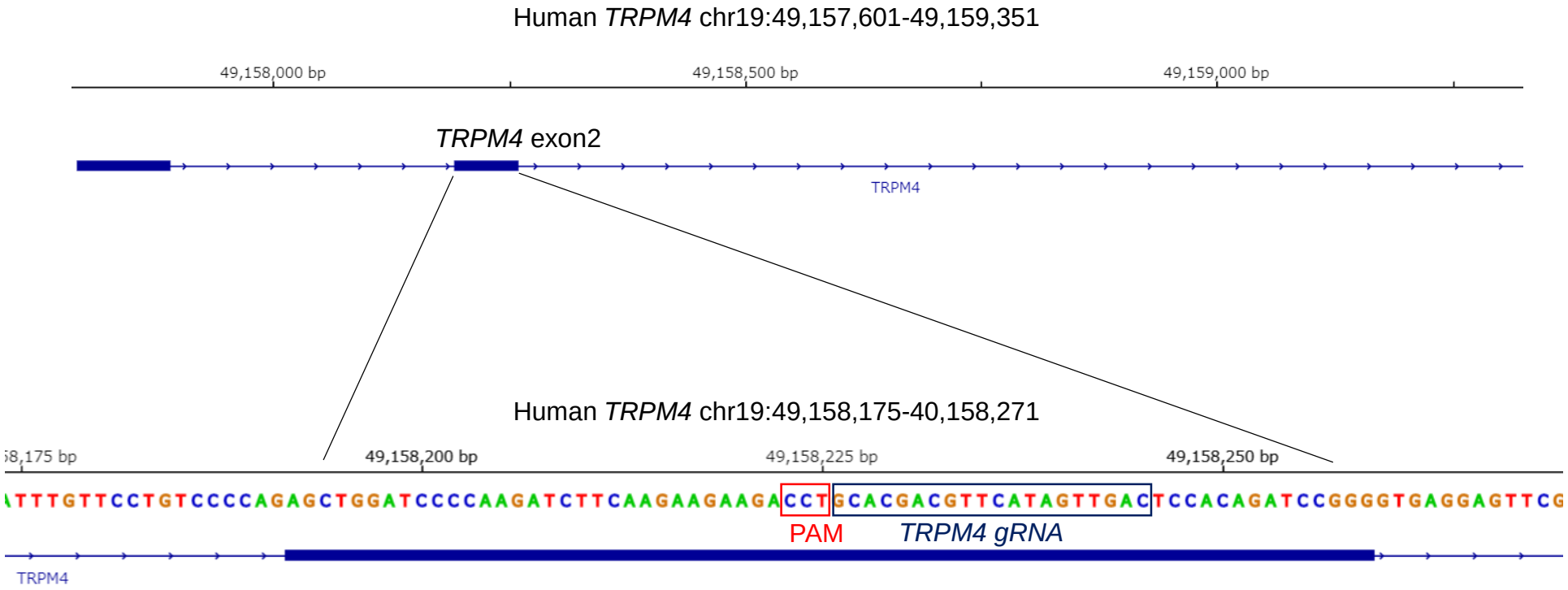
Supplementary Information

Roles of TRPM4 in immune responses in keratinocytes and identification of a novel TRPM4-activating agent

Kaori (Otsuka) Saito*, Fumitaka Fujita, Manami Toriyama, Ratna Annisa Utami, Zhihan Guo, Masato Murakami, Hiroko Kato, Yoshiro Suzuki, Fumihiro Okada, Makoto Tominaga, Ken J Ishii*

saito-ka@phs.osaka-u.ac.jp; kenishii@ims.u-tokyo.ac.jp

A



B

WT	TGGATCCCCAAGATCTTCAAGAAGAAGACCTGCACGACGTTCATAGTTGAC	
ΔTRPM4 clone	TGGATCCCCAAGATCTTCAAGAAGAAGACCTGCA_GACGTTCATAGTTGAC	

Figure S1. Generation of HaCaT cell clones with targeted deletions in TRPM4 using CRISPR/Cas9. (A) Schematic representation of the gene structure around the target site. (B) Sequence of the TRPM4- deficient HaCaT clone.