

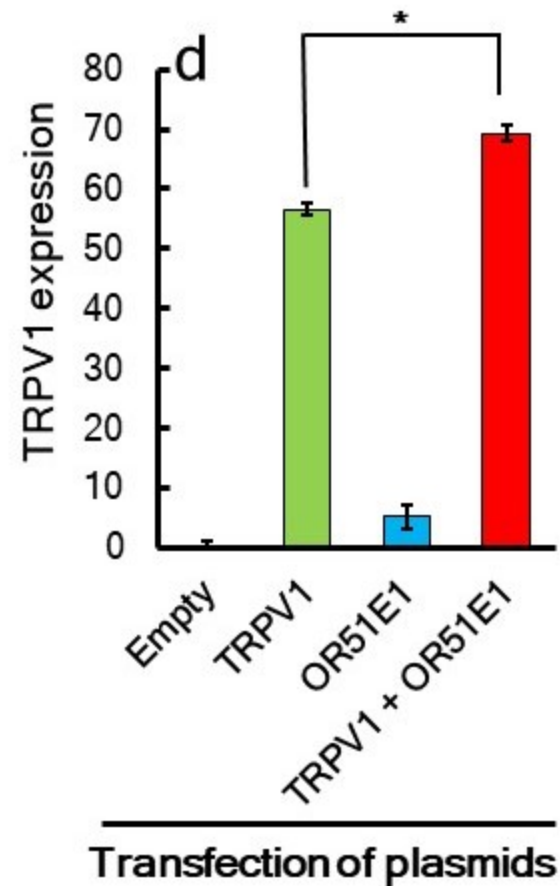
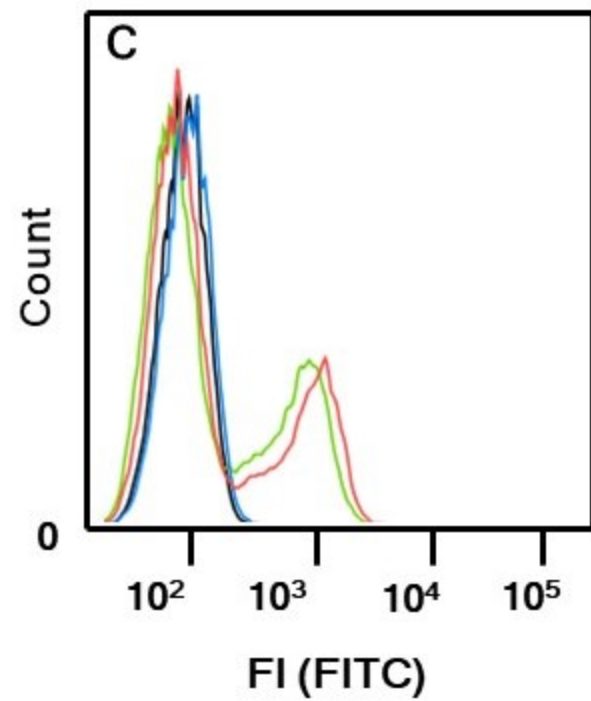
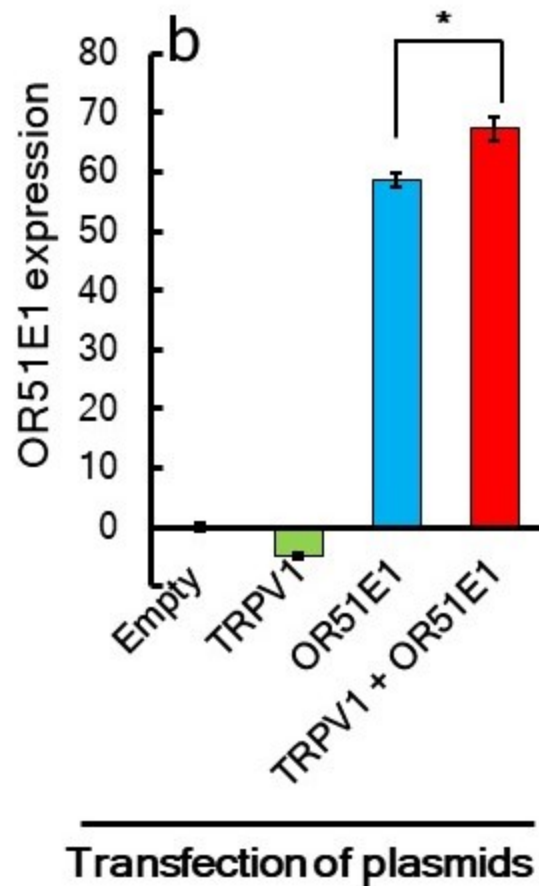
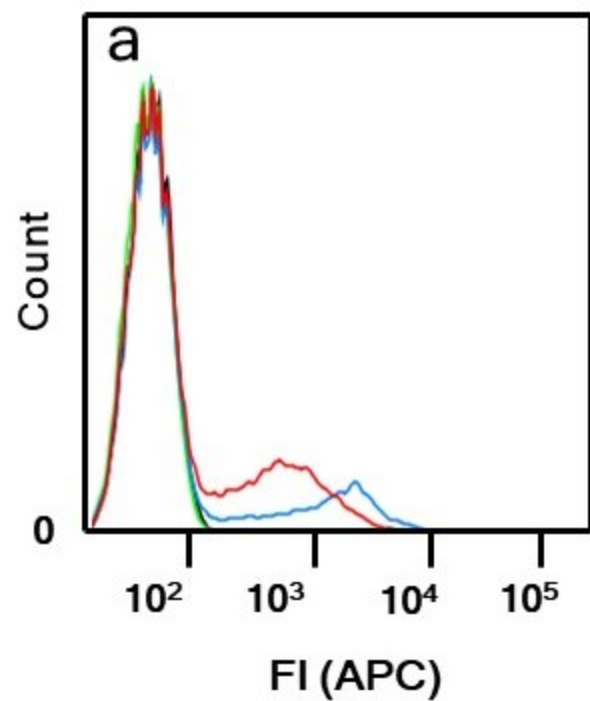


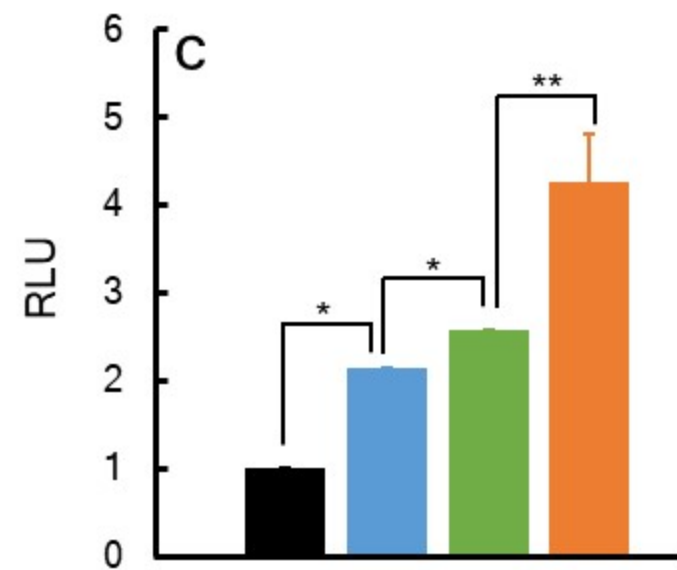
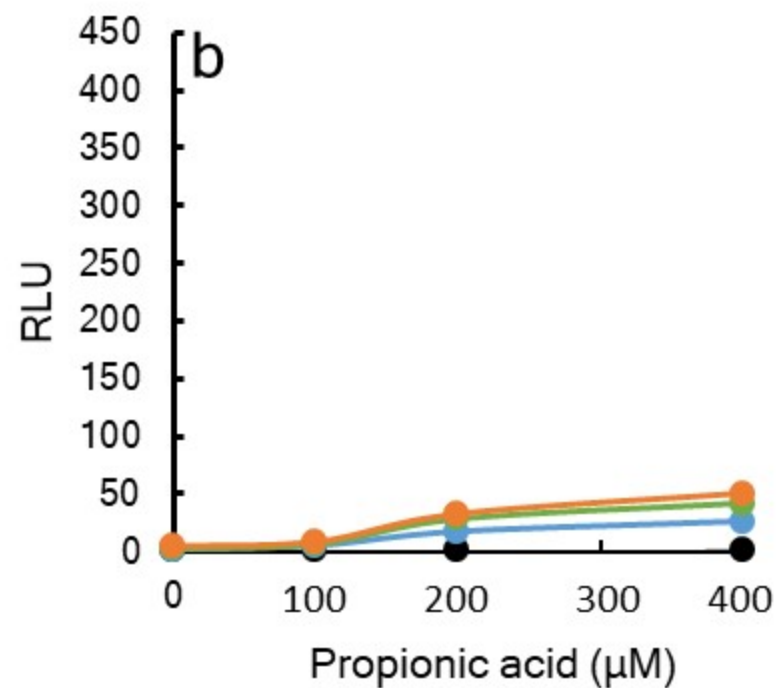
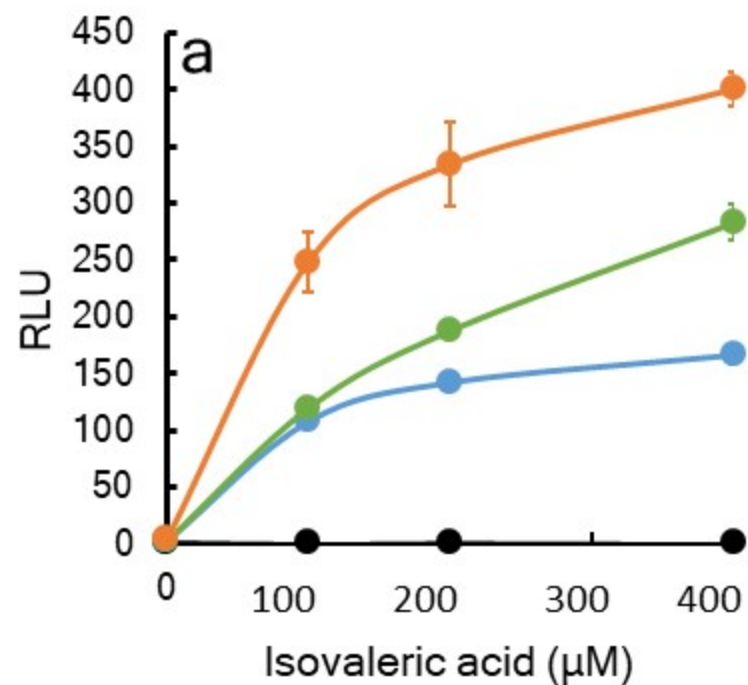
Title	Divergent effects of olfactory receptors on transient receptor potential vanilloid 1 activation by capsaicin and eugenol
Author(s)	Moriyama, Sakura; Takita, Yukie; Hinuma, Shuji et al.
Citation	Bioscience, Biotechnology and Biochemistry. 2024, 88(8), p. 908-917
Version Type	AM
URL	https://hdl.handle.net/11094/97750
rights	
Note	

The University of Osaka Institutional Knowledge Archive : OUKA

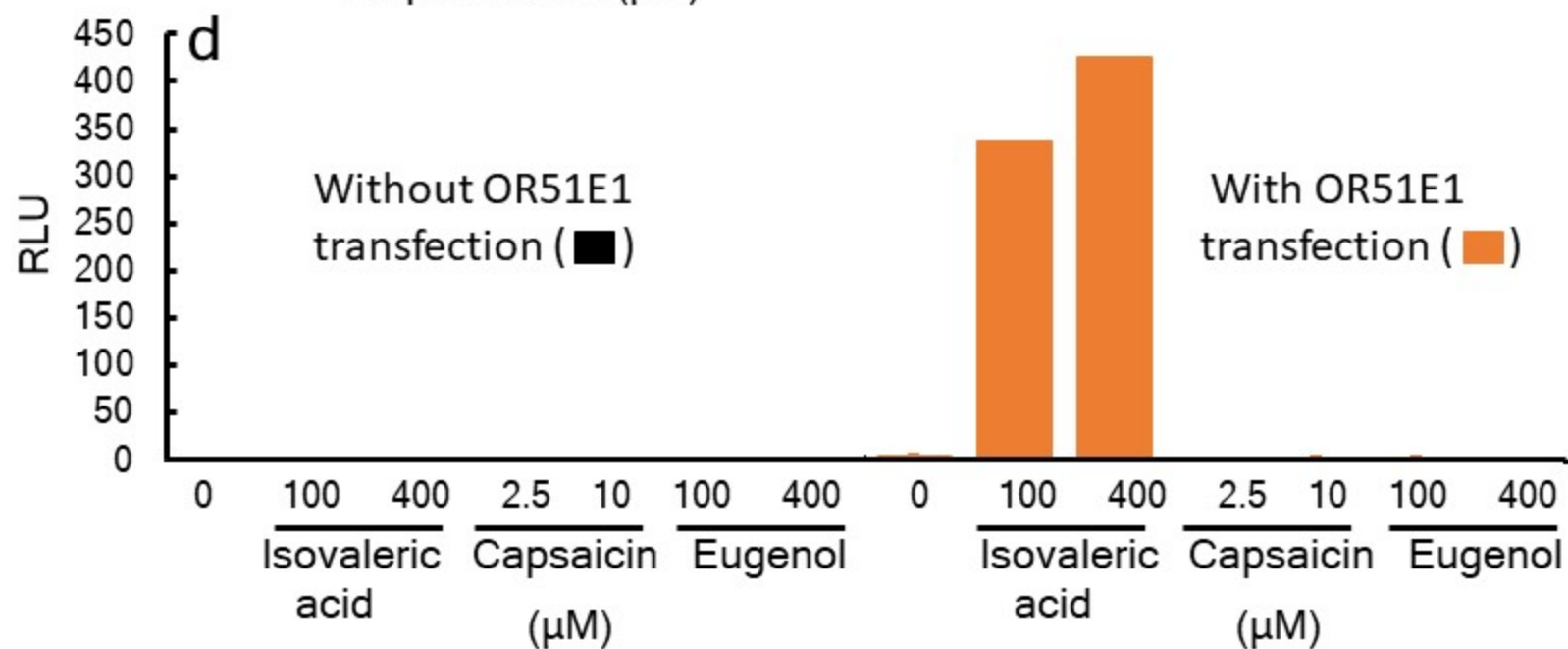
<https://ir.library.osaka-u.ac.jp/>

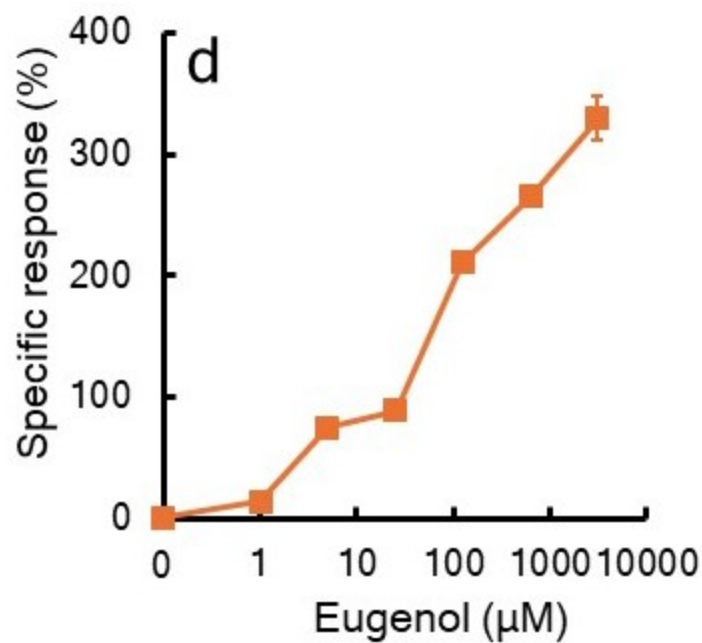
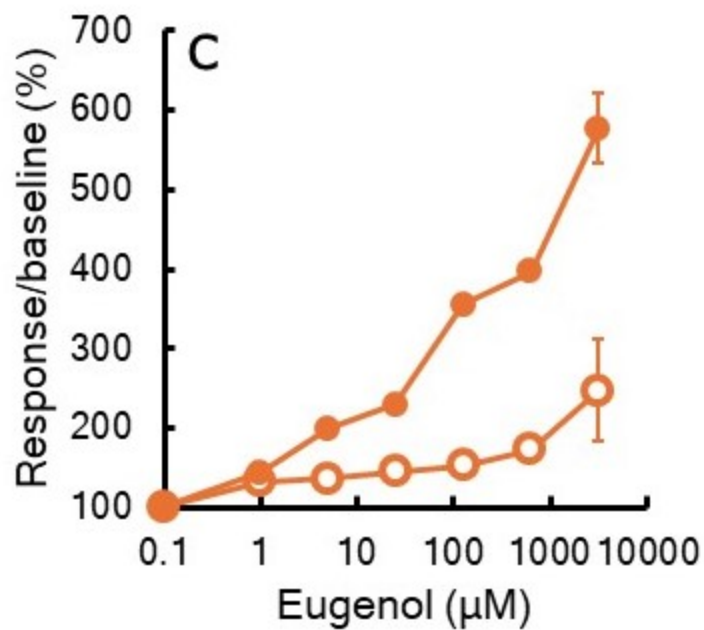
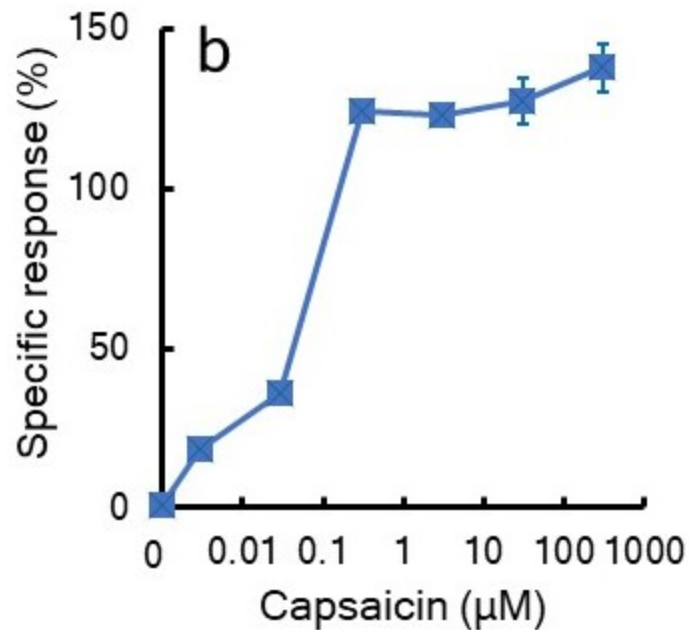
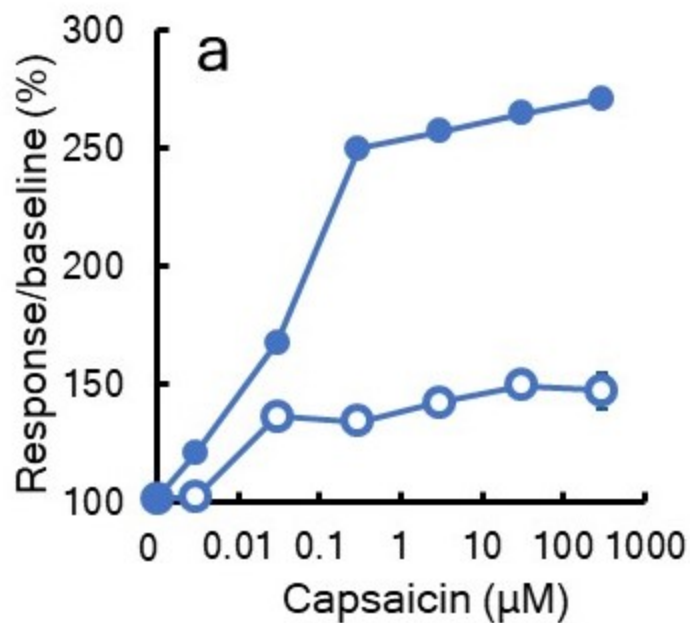
The University of Osaka

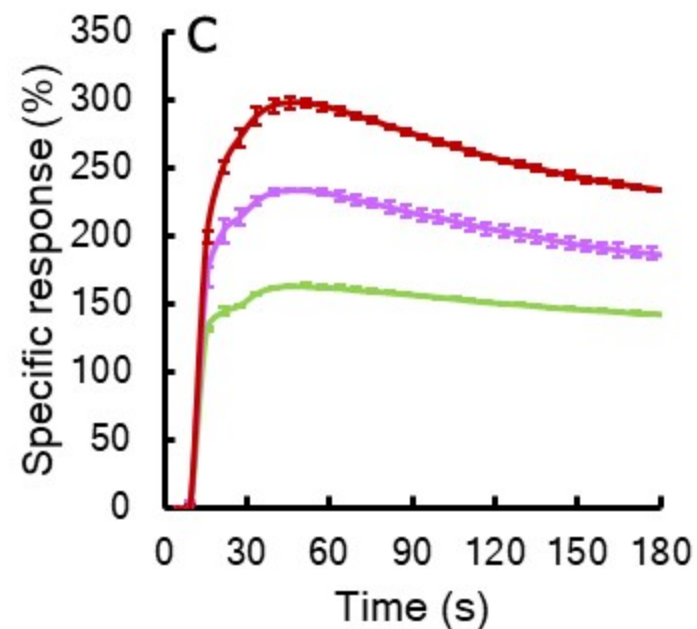
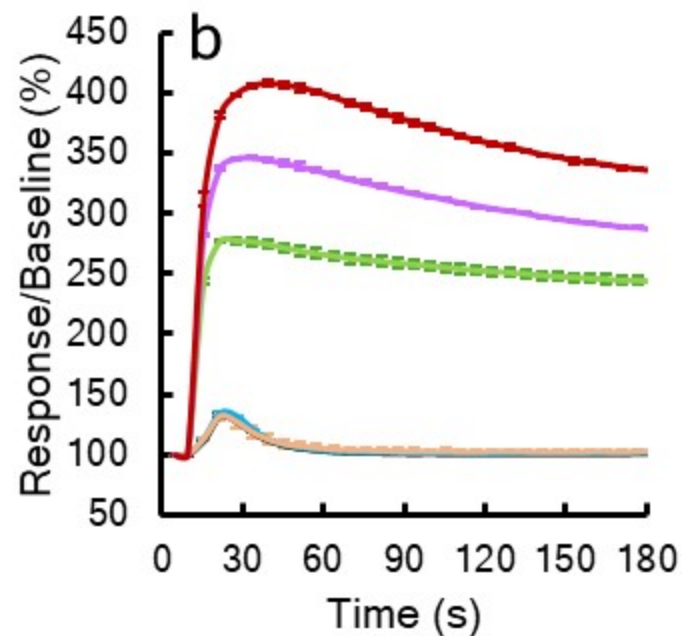
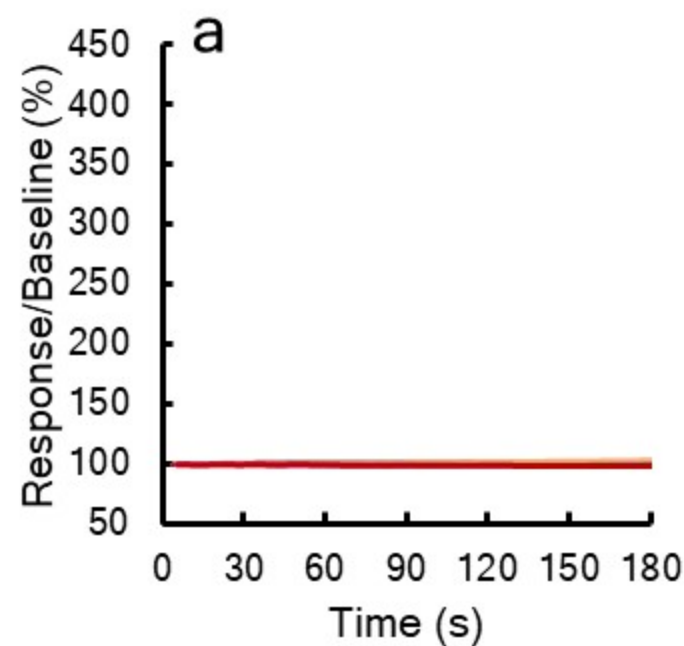




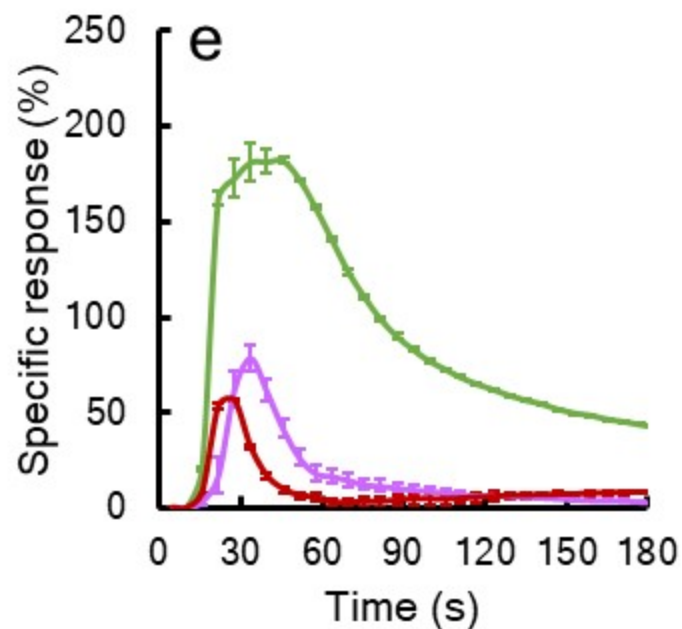
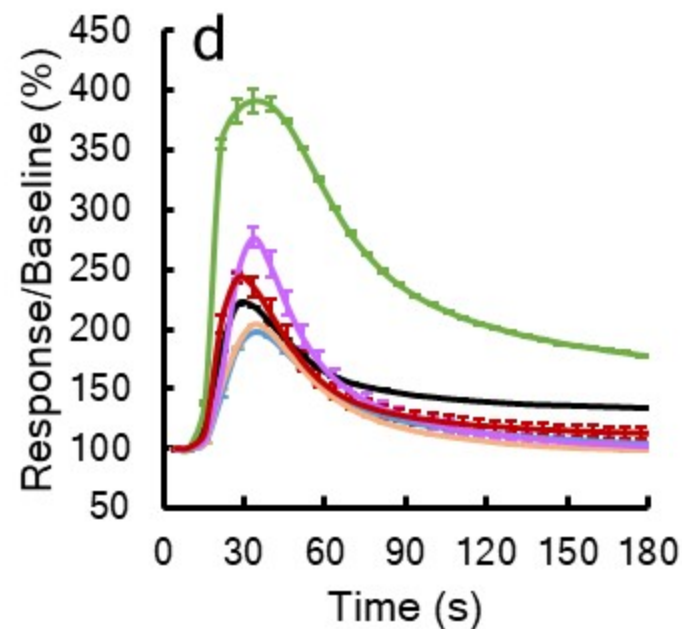
Plasmids (ng/well)				
	GloSensor 22F	GFPOR51E1	Empty	
Black	50	100	0	150
Blue	50	100	15	135
Green	50	100	30	120
Orange	50	100	100	50

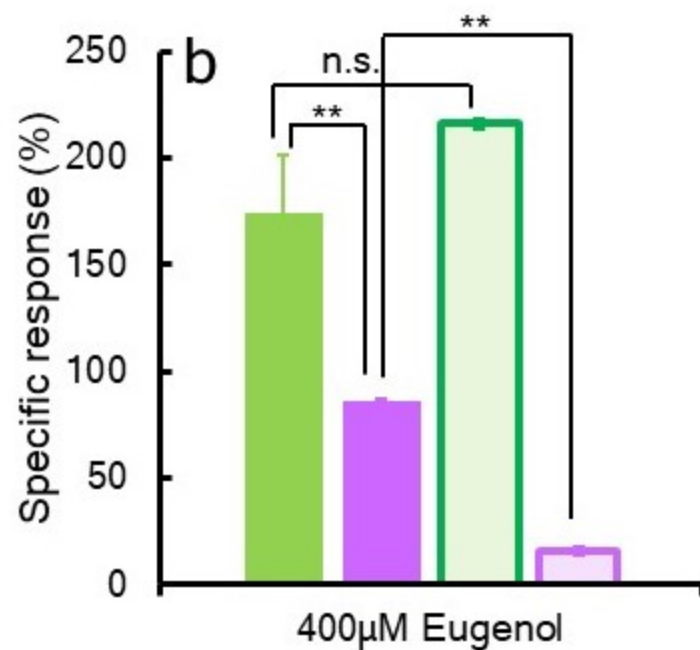
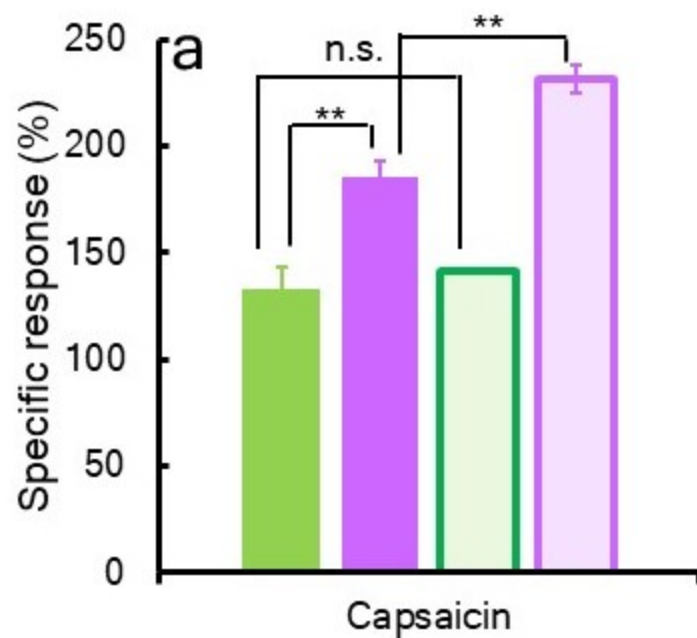






Plasmids (ng/well)			
	TRPV1	OR51E1	Empty
	0	0	300
	0	15	285
	0	30	270
	270	0	30
	270	15	15
	270	30	0





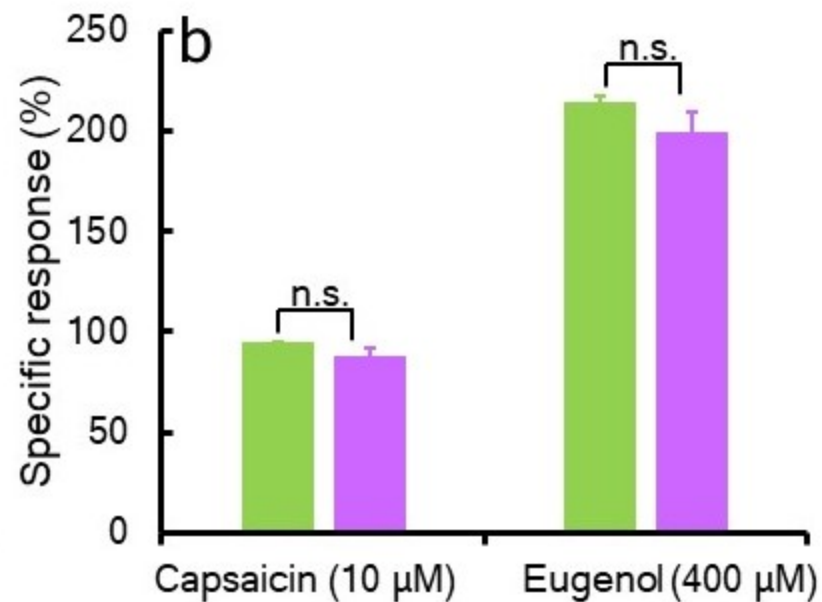
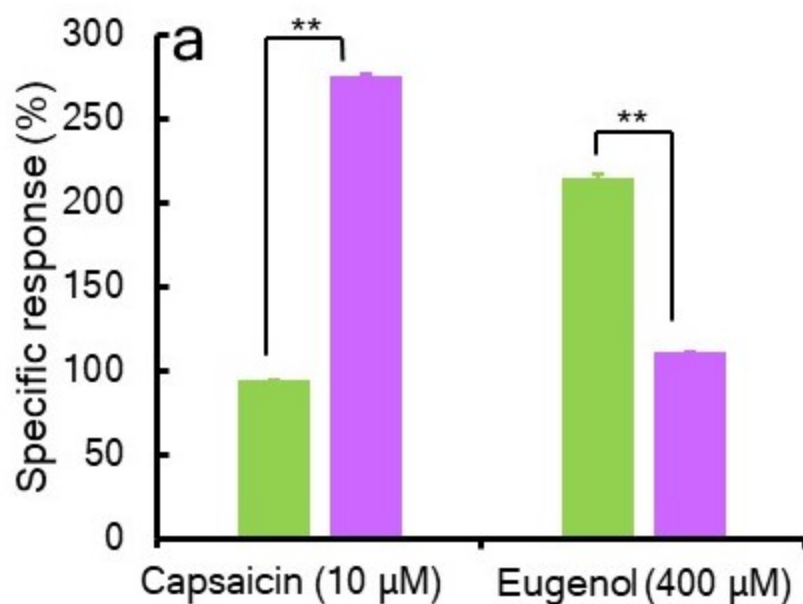
Isovaleric acid (μ M)	0	0	400	400
----------------------------	---	---	-----	-----

Transfection of
expression plasmids
(ng/well)

TRPV1	270	270	270	270
OR51E1	0	15	0	15
Empty	30	15	30	15

	0	0	400	400
--	---	---	-----	-----

	270	270	270	270
	0	15	0	15
	30	15	30	15



Transfection of
expression plasmids
(ng/well)

TRPV1	270	270	270	270	270	270	270
OR51E2	0	15	0	15	0	0	0
NTCP	0	0	0	0	0	15	15
Empty	30	15	30	15	30	15	15

