

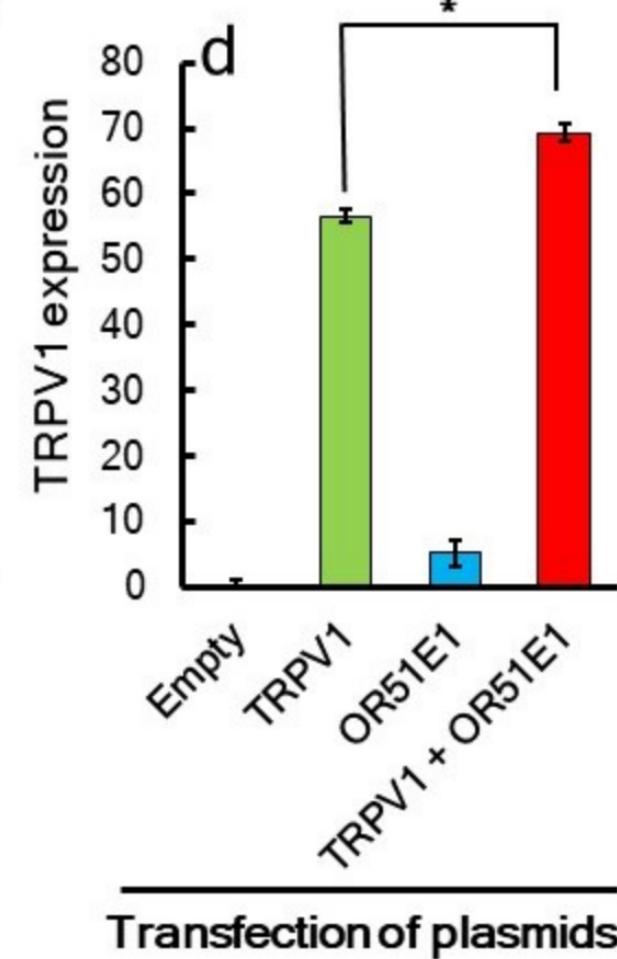
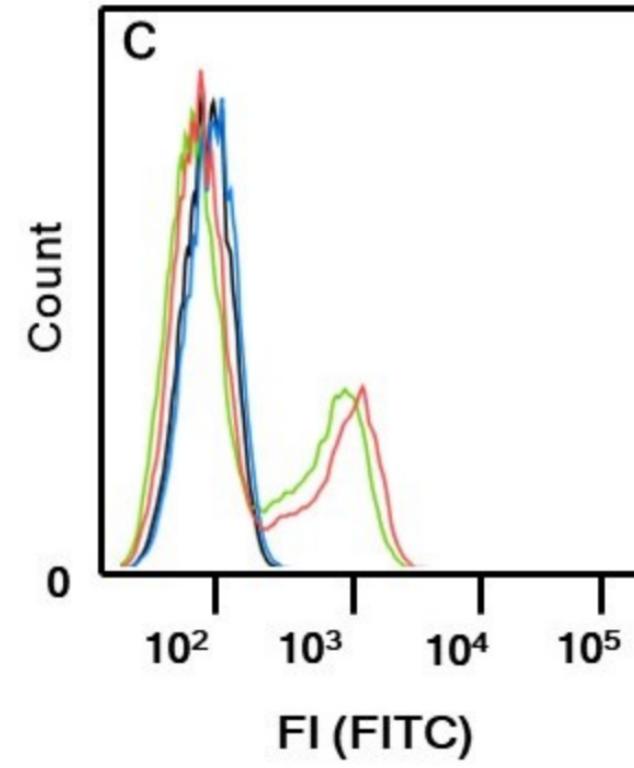
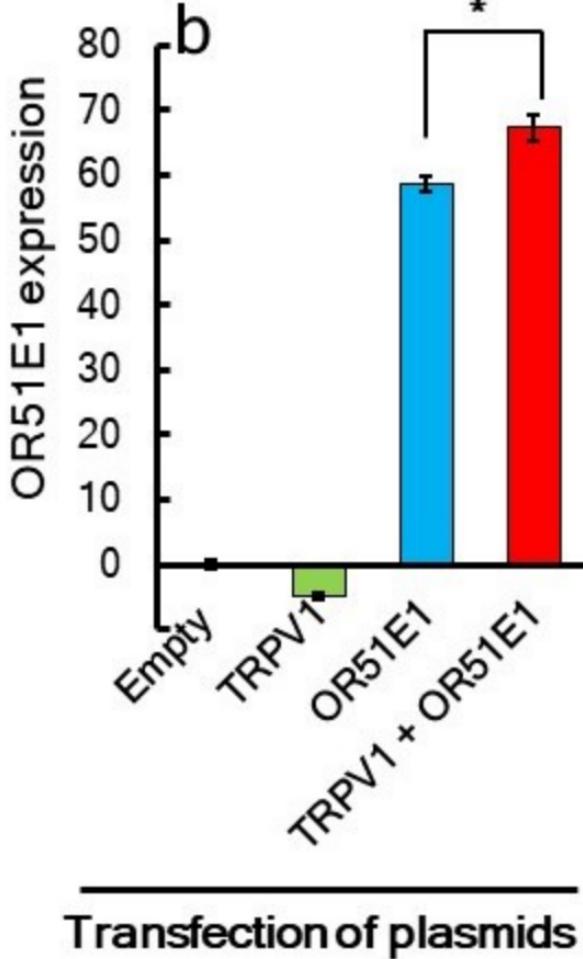
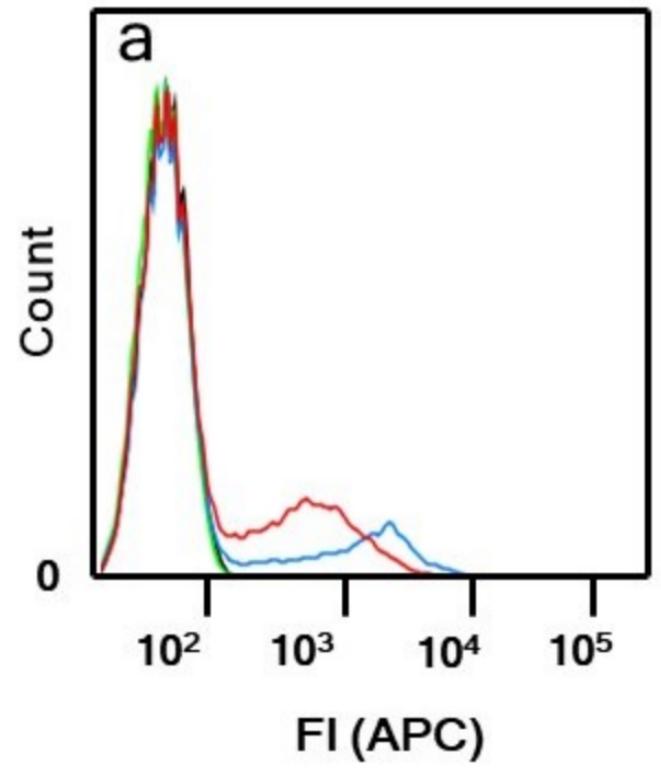


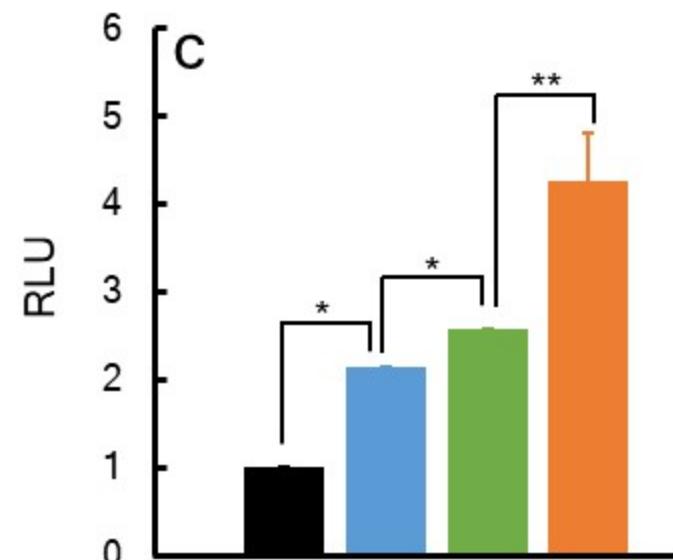
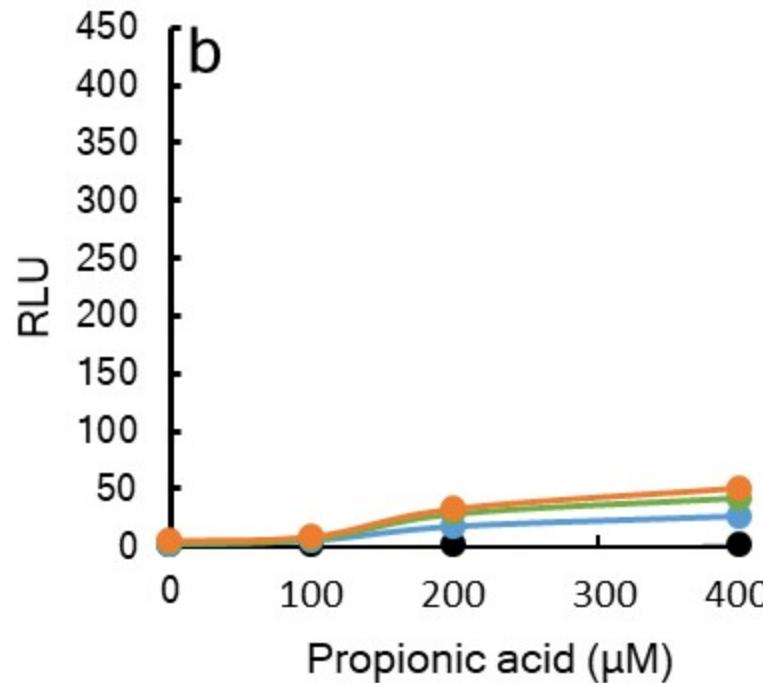
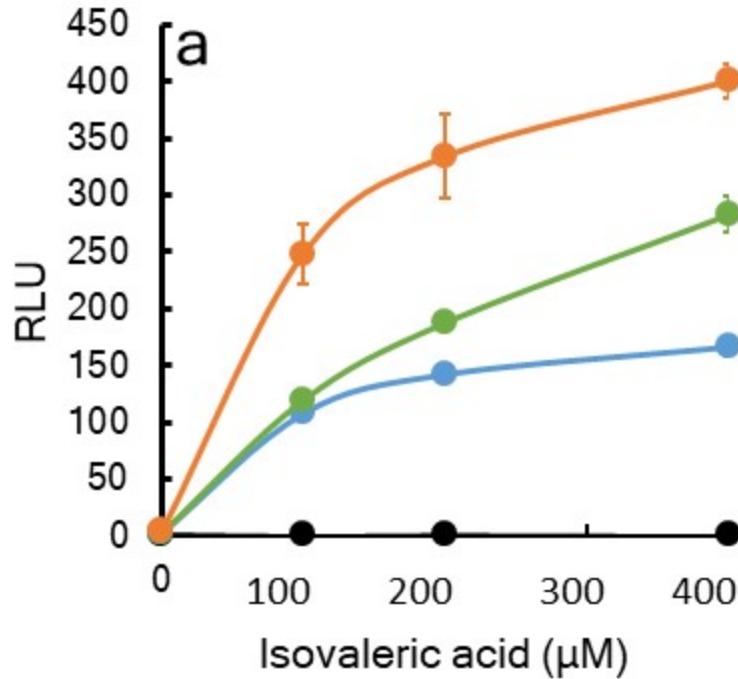
Title	Divergent effects of olfactory receptors on transient receptor potential vanilloid 1 activation by capsaicin and eugenol
Author(s)	Moriyama, Sakura; Takita, Yukie; Hinuma, Shuji et al.
Citation	Bioscience, Biotechnology and Biochemistry. 2024, 88(8), p. 908-917
Version Type	AM
URL	<a href="https://hdl.handle.net/11094/97750">https://hdl.handle.net/11094/97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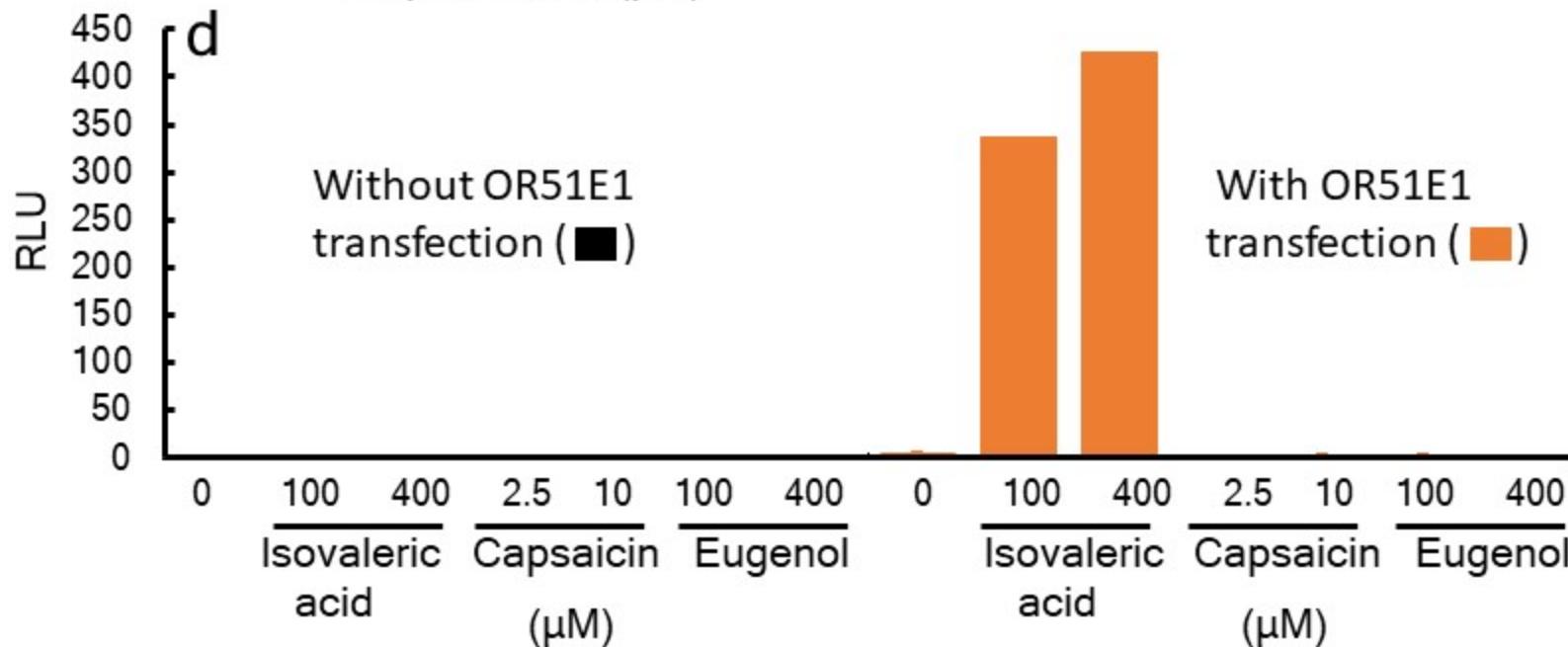
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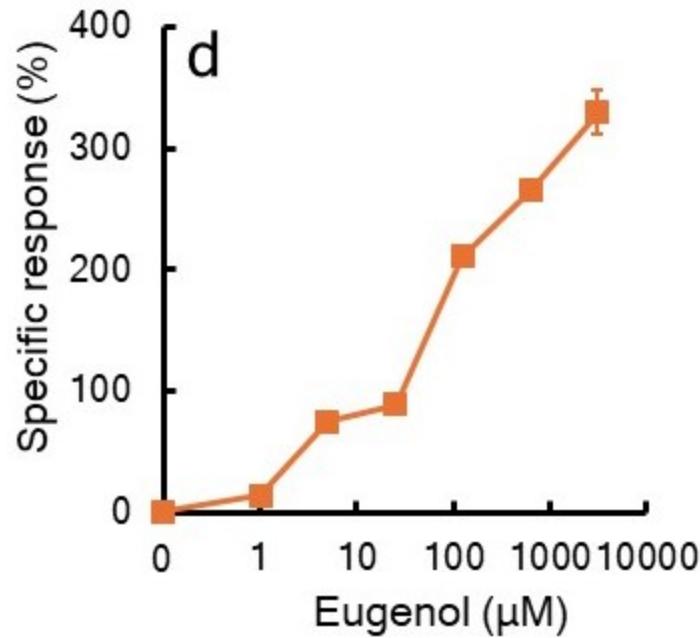
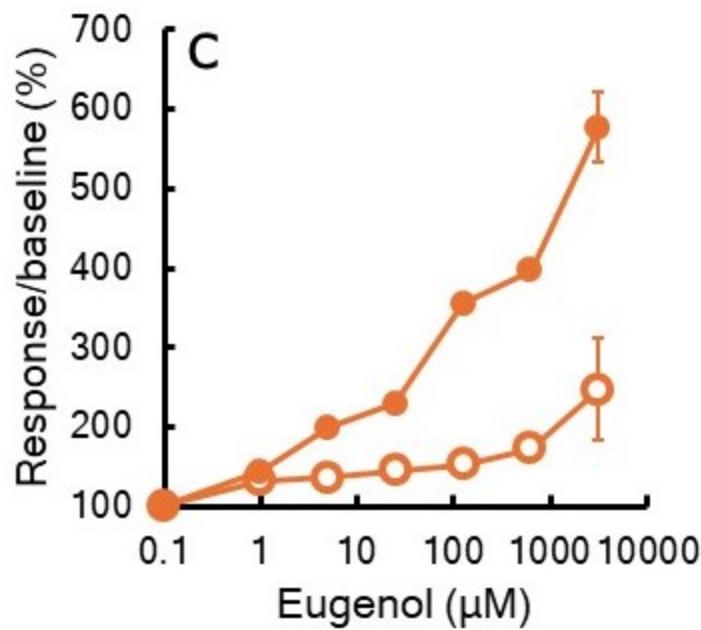
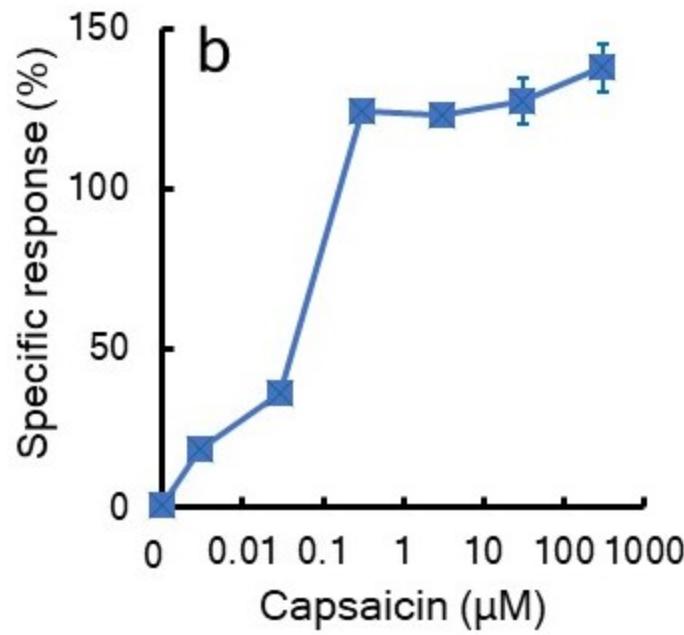
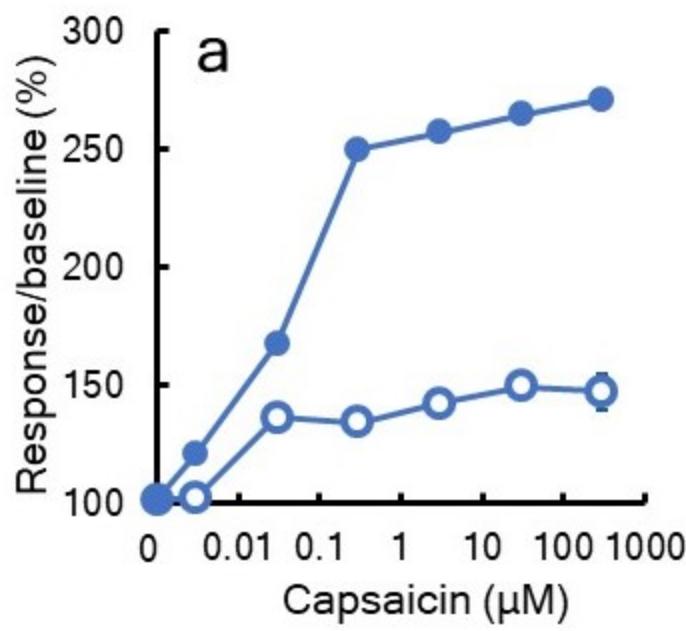
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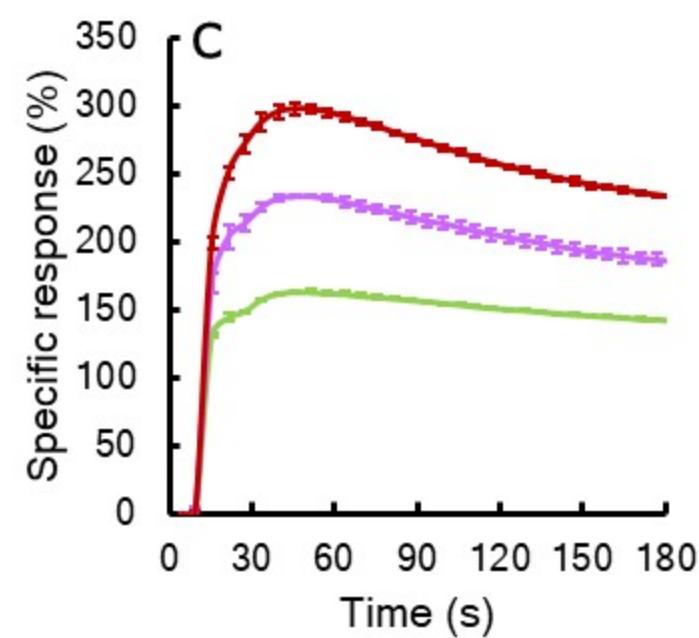
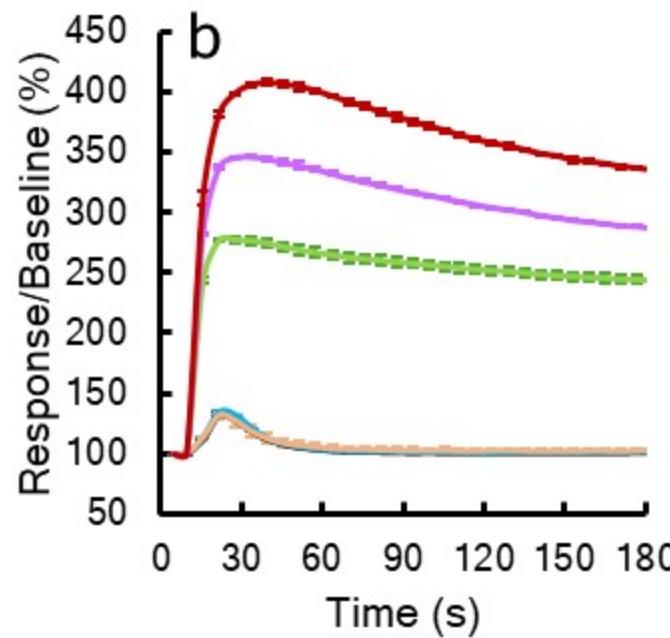
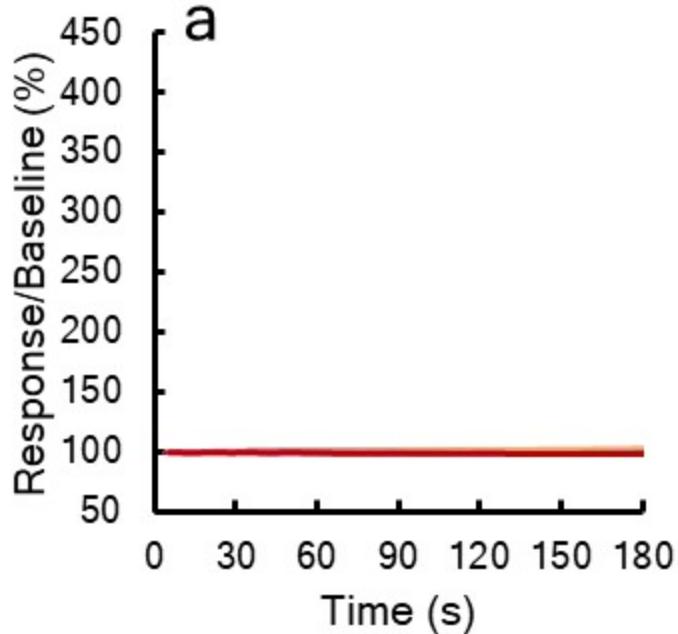




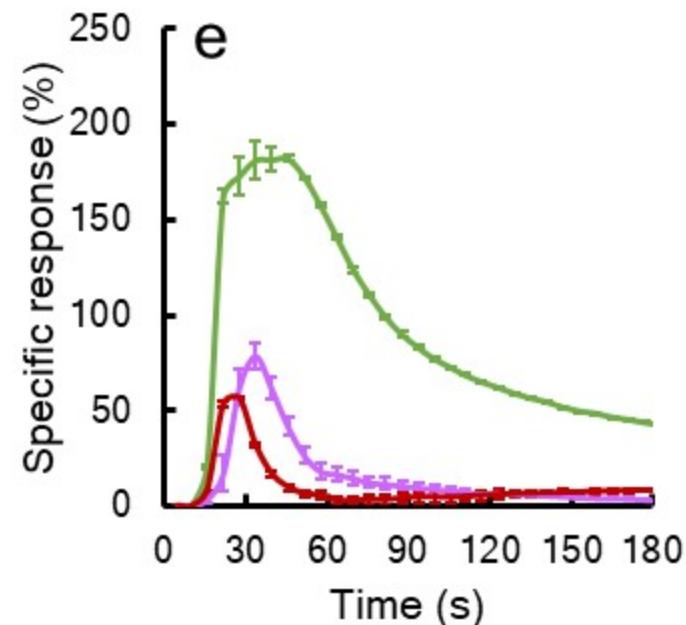
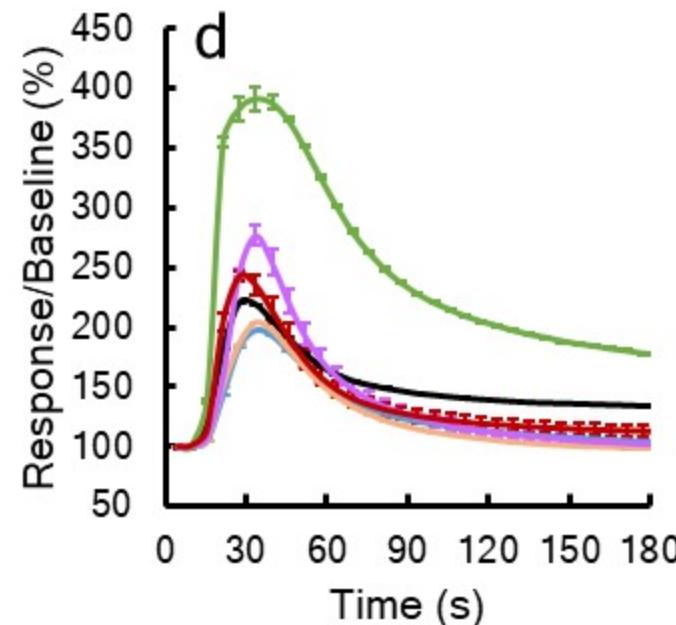
Plasmids (ng/well)			
GloSensor 22F	GFPOR51E1	Empty	
50	100	0	150
50	100	15	135
50	100	30	120
50	100	100	50

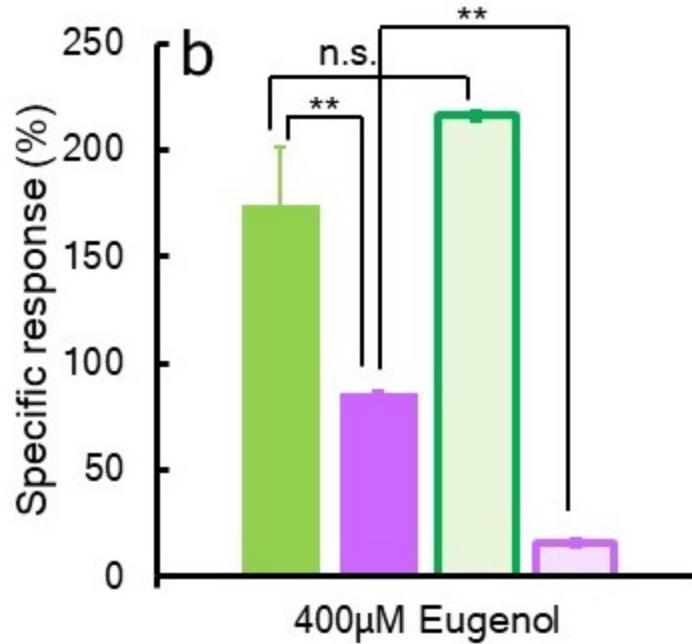
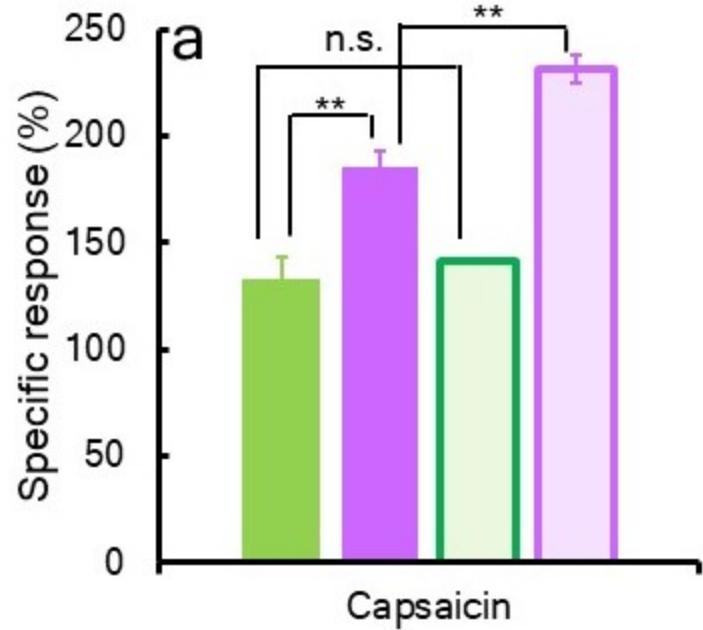




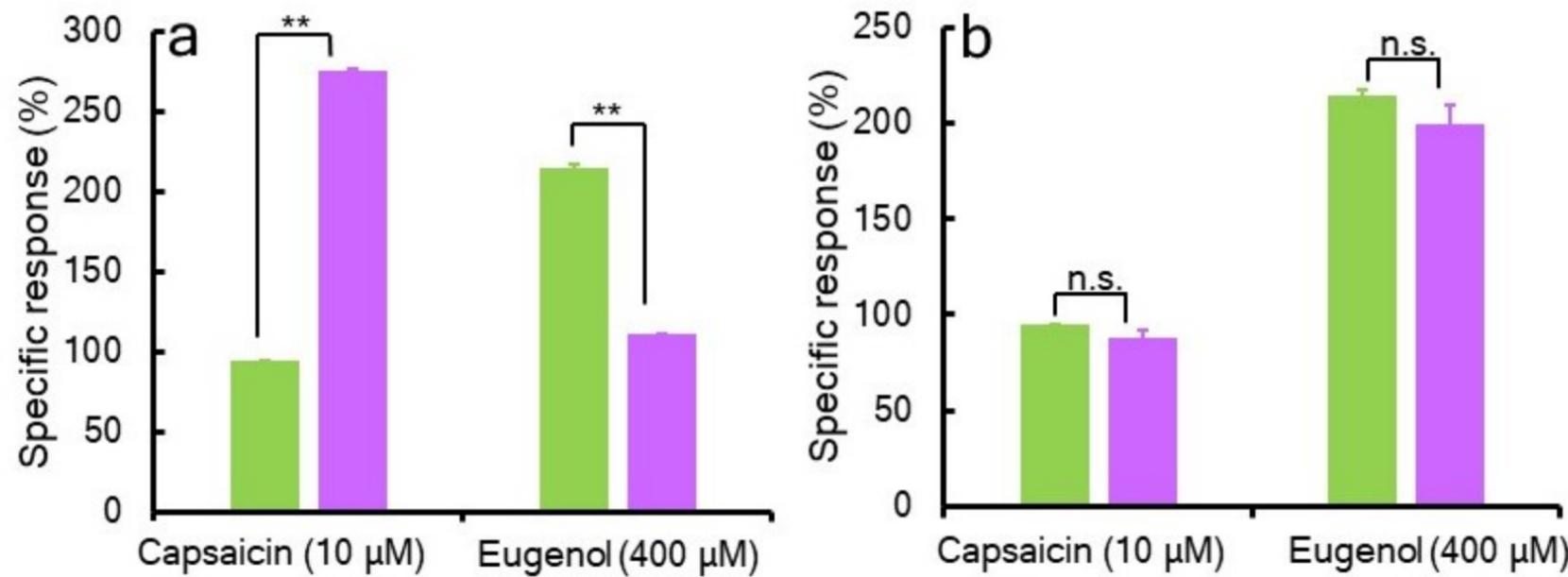


Plasmids (ng/well)		
TRPV1	OR51E1	Empty
0	0	300
0	15	285
0	30	270
270	0	30
270	15	15
270	30	0





Isovaleric acid (μM)		0	0	400	400	0	0	400	400
Transfection of expression plasmids (ng/well)	TRPV1	270	270	270	270	270	270	270	270
	OR51E1	0	15	0	15	0	15	0	15
	Empty	30	15	30	15	30	15	30	15



Transfection of expression plasmids (ng/well)	TRPV1		OR51E2		NTCP		Empty	
	270	270	0	15	0	15	0	15
TRPV1	270	270	270	270	270	270	270	270
OR51E2	0	15	0	15	0	0	0	0
NTCP	0	0	0	0	0	15	0	15
Empty	30	15	30	15	30	15	30	15

