some of these pyrazines with C1 to C2 side chain lengths that trigger OR5K1 response possess odor characteristics of "dust odor."

Citation List

Patent Literature

[0010] Patent Literature 1: Japanese Patent Laid-Open No. 2009-131228

Patent Literature 2: Japanese Patent Laid-Open No. 2014-235098

Patent Literature 3: Japanese Translation of PCT International Application Publication No. 2015-512032

Non Patent Literature

[0011] Non Patent Literature 1: Journal of Chromatography A, 1428 (2016), pp. 72-85

Non Patent Literature 2: Shigeharu Inoue, Microbes and Fragrance: The Power of Aroma in the Microscopic World, pp. 60-61 (2002)

Non Patent Literature 3: Journal of Neuroscience, 22 June, 2011, 31 (25), pp. 9179-9191

Non Patent Literature 4: Nature, 2007 Sep 27; 449(7161): pp. 468-72

Non Patent Literature 5: The Journal of Neuroscience, April 20, 2016, 36(16): pp. 4482-4491

Non Patent Literature 6: ECRO XXV Istanbul: "Functional characterization of human olfactory receptors responding to pyrazine odorants". September 1, 2015, Posters

Non Patent Literature 7: Nature Communications 10:209 (2019)

Non Patent Literature 8: J Vis Exp. 2019 Apr 23; (146): 10.3791/59446

Summary of Invention

Technical Problem

[0012] Although "dust odor" is an important odor present in foods and living environments, only some of its causative substances are known, and its chemical entity