

Online Resource 2

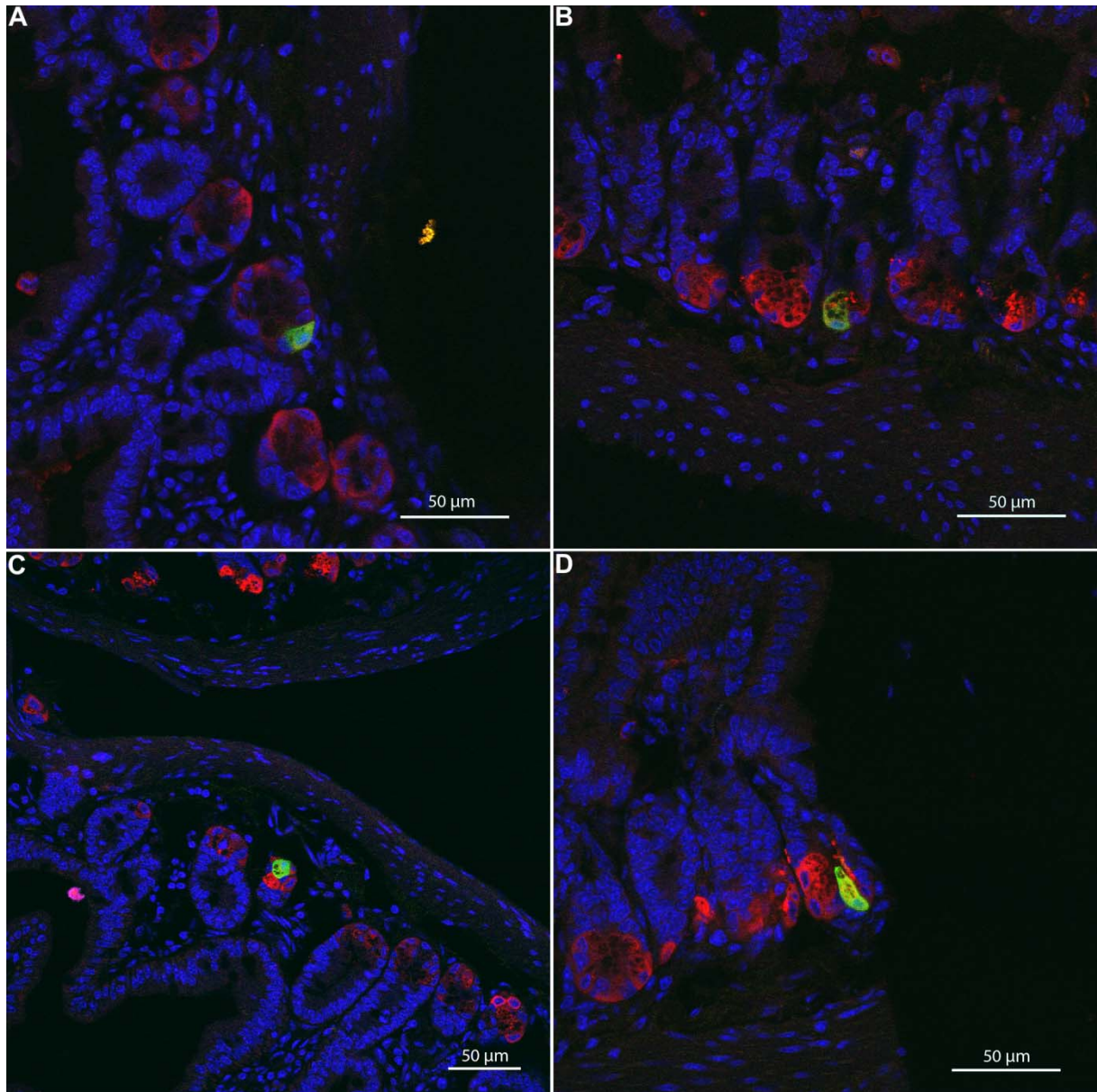
Expression profiling of Tas2r genes reveals a subset of Paneth cells expressing the Tas2r131 in mouse small intestine

Cellular and Molecular Life Sciences

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Online resource 2. Immunohistochemical identification of the $Tas2r131^+$ Paneth cells with lysozyme-specific antiserum in the ileum of $Tas2r131^{+/Blc}/Rosa26^{+/tGFP}$ animals. Cryostat sections of 14 μm thickness were stained for lysozyme and then subjected to confocal laser scanning microscopy (Leica TCS SP2). Note that, in contrast to figure 2 of the main manuscript, the $Tas2r131^+$ cells in this mouse model (Voigt et al., 2015, Chem Senses) are visualized in green and the anti-lysozyme-labelled cells are labelled in red, DAPI-stained nuclei are depicted in blue.

Reference:

Voigt A, Hubner S, Doring L, Perlach N, Hermans-Borgmeyer I, Boehm U, Meyerhof W (2015) Cre-Mediated Recombination in $Tas2r131$ Cells-A Unique Way to Explore Bitter Taste Receptor Function Inside and Outside of the Taste System. Chem Senses 40:627-639