

The Role of Taste Receptor mTAS1R3 in Chemical Communication of Gametes

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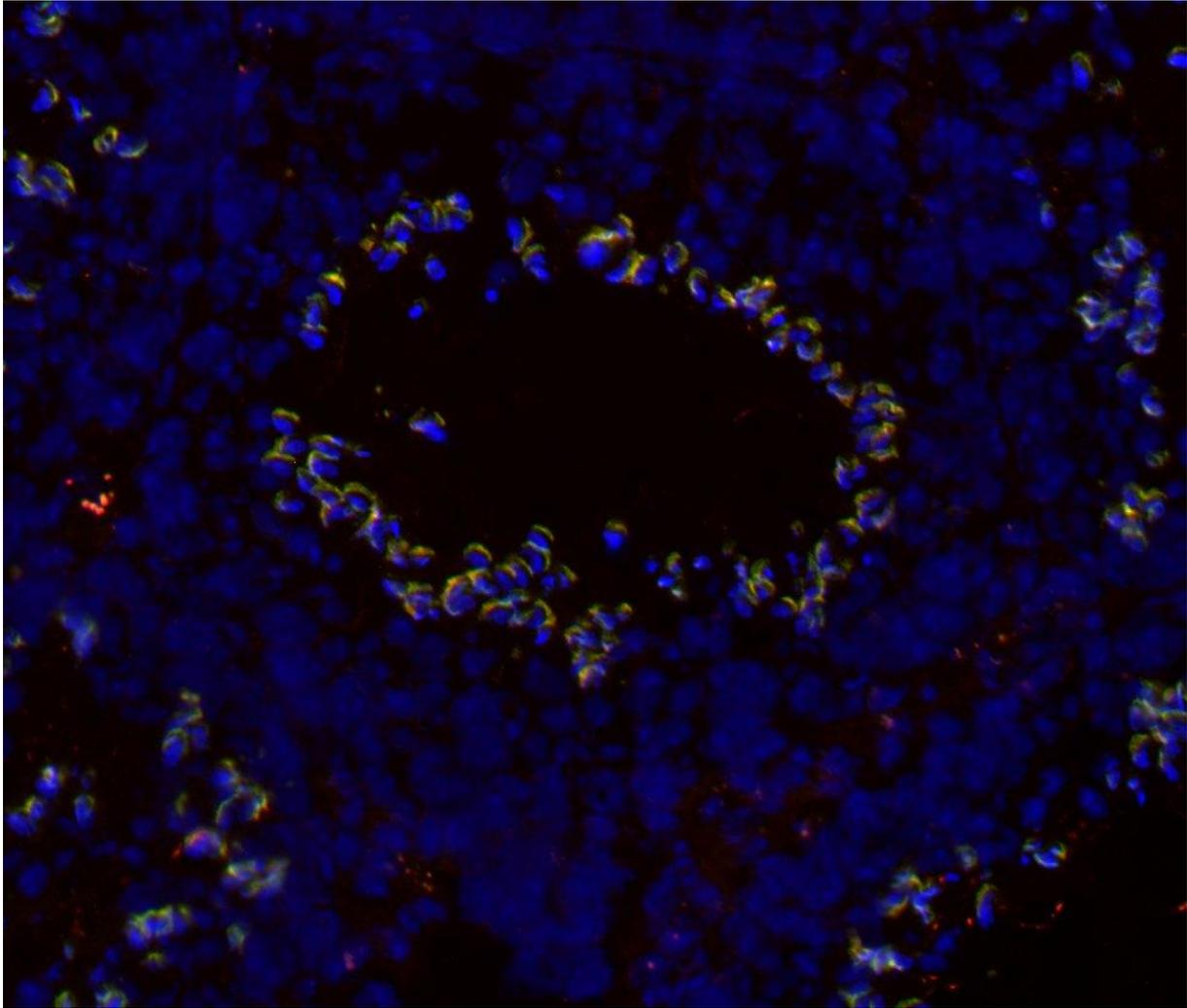


Figure S1 Localization of mTAS1R3 (green) in mouse testicular tissue of transgenic mouse line C57BL/6Nacr3-EGFP, expressing green fluorescent protein in the acrosome of spermatids and sperm. During spermiogenesis (a) mTAS1R3 (red) and (b) EGFP (green) are localized in spermatids with a formed acrosome where (c) both proteins colocalize (yellow).

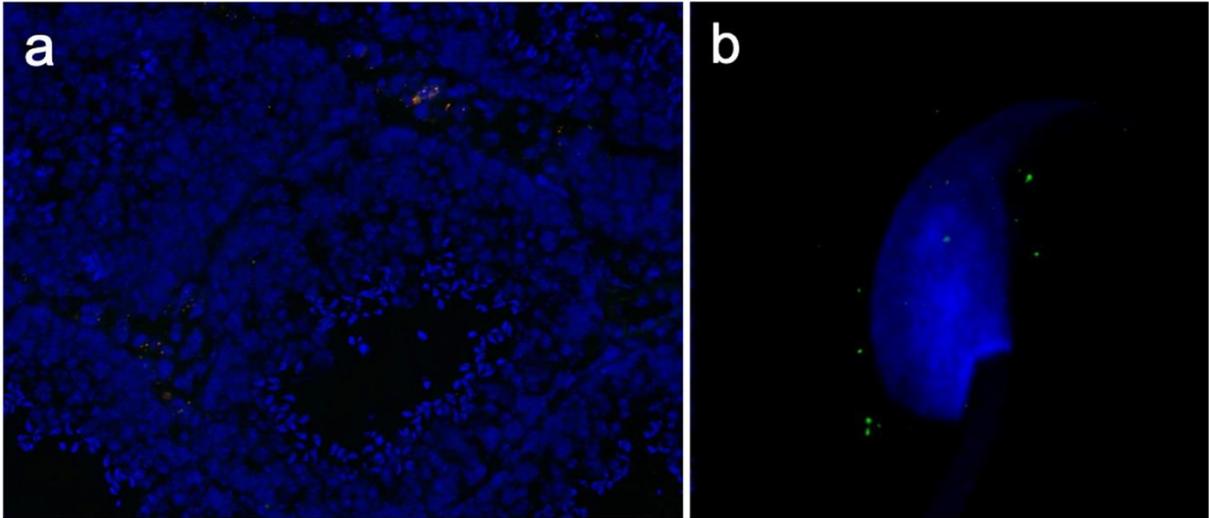


Figure S2: Negative controls, the reaction of secondary antibodies with testicular tissue and epididymal spermatozoa. No specific signal was detected after application of secondary antibodies Alexa Fluor 488 donkey anti-goat IgG (H+L), and Alexa Fluor 568 goat anti-rat IgG (H+L) without primary antibodies on **(a)** testicular tissue and **(b)** epididymal spermatozoa.