

-Supporting Information-

Identification of the Plasticity-Relevant Fucose- α (1-2)-Galactose Proteome from Mouse Olfactory Bulb

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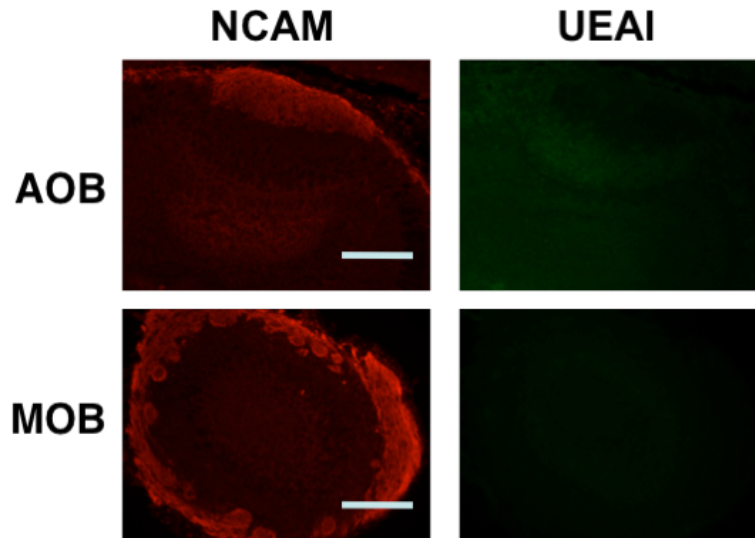


Figure S1. FUT1-deficient animals show no detectable fucosylation in the MOB and AOB. The OB of FUT1-deficient mice was cryogenically sectioned into coronal slices and stained with an anti-NCAM antibody (red) and UEAI conjugated to fluorescein (green). No staining of either the ONL, the glomerular layer, or the AOB of FUT1 knockout animals was observed. Scale bar indicates 200 μm .

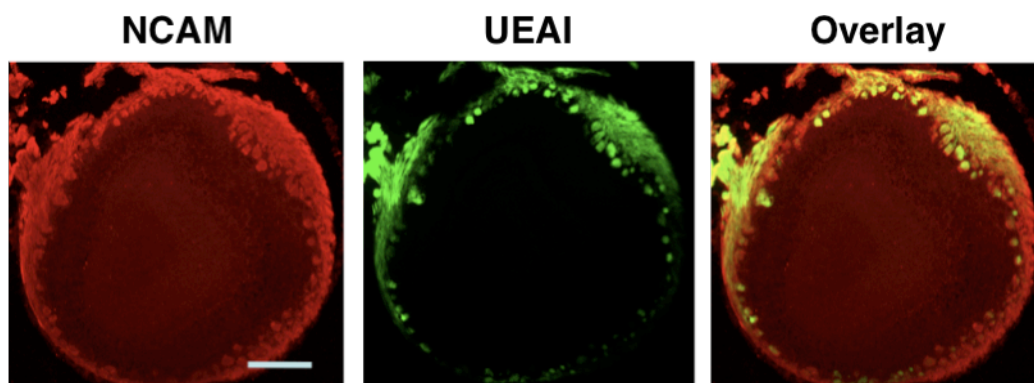


Figure S2. NCAM strongly colocalizes with Fuc α (1-2)Gal carbohydrates in the medial aspect of the OB. The OB of wild-type C57BL/6 animals was cryogenically sectioned into coronal slices and stained with an anti-NCAM antibody (red) and UEAI conjugated to fluorescein (green). The overlay (yellow) shows extensive colocalization of NCAM and UEAI staining in the medial aspect of the olfactory bulb. Scale bar indicates 200 μ m.