Supplementary Figure S3. Endogenous OR protein is expressed in mDA neurons and in mouse brain. a) Anti-OR51E1 antibody recognized Olfr558 (green) expressed in heterologous HEK 293 cells. Immunofluorescence in non-permeabilizing conditions. Nuclei are visualized with DAPI (blue). Scale bars indicate 38 μm. White arrows highlight transfected cells. b) Endogenous OR protein is detected in A9 and A10 mDA neurons and in the cortex. mDA neurons were visualized with anti-TH (red) and OR with anti-OR51E1 specific antibody (green). Nuclei are stained with DAPI (blue). Scale bars indicate 20 μm. Images are representative of n=3 independent experiments.