



Supplementary Figure S3. Endogenous OR protein is expressed in mDA neurons and in mouse brain. **a)** Anti-OR51E1 antibody recognized *Olf558* (green) expressed in heterologous HEK 293 cells. Immunofluorescence in non-permeabilizing conditions. Nuclei are visualized with DAPI (blue). Scale bars indicate 38 μ m. 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 μ m. Images are representative of n=3 independent experiments.