

caudal sinus

heptanoic acid

(~100 pM)

heptanal

(~1000 pM)

#7

 $(\sim 10 \text{ pM})$ 

(1 pM)

max.

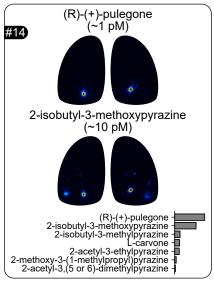
OMP-IRES-tTA;

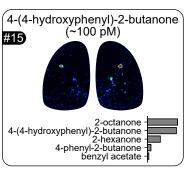
tetO-GCaMP6s

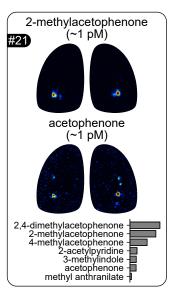
ΛF

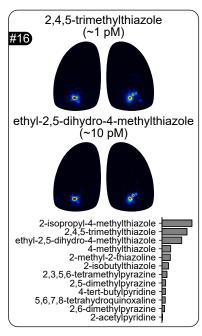
max.

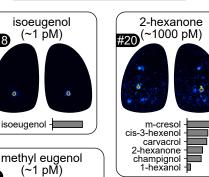
0





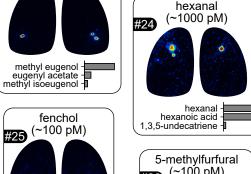


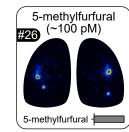


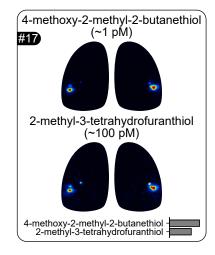


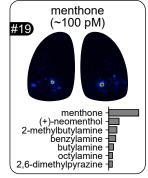
#22

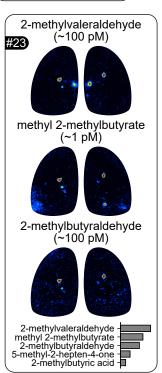
fenchol beta-ionone -











## Supplementary File 4. Atlas of Functionally Identified Glomeruli.

Compilation of diagnostic odorants and example response maps for each of the 26 functionally-identified glomeruli (see Text and Table 1). Concentrations are given as estimated delivered concentration, rounded to the nearest order of magnitude. See Supplementary File 1 for more precise estimates of delivered concentration. Bar plots indicate relative response magnitudes evoked by all effective odorants for each glomerulus, taken from the median response spectrum across the 8 OBs. Positions of each glomerulus are shown in lower right of p. 1, reproduced from Fig. 2.