

Supporting Information

Blinder et al. 10.1073/pnas.1007239107

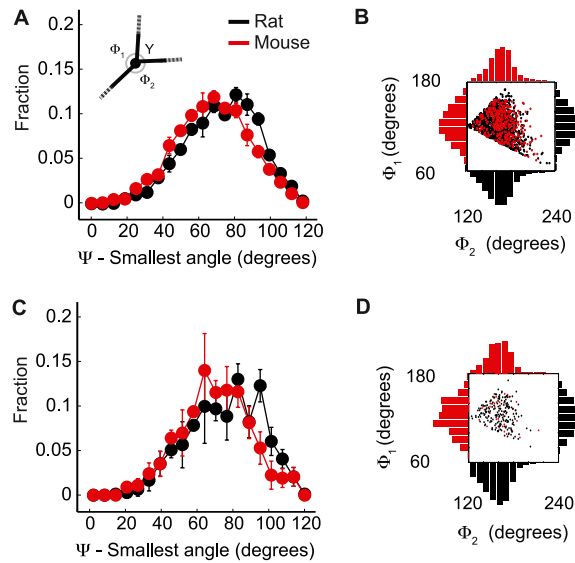


Fig. S1. Angles between edges connected to branching vertices. The branching angles for vertices with coordination number of 3 are analyzed in terms of the distribution of the smallest angle, denoted Ψ , and the symmetry between the remaining two angles, denoted Φ_1 and Φ_2 . (A) The distribution of the smaller branching angle, Ψ , for all vertices shows a difference of 5° in mean value between rats and mice ($P < 0.01$, KS-test). (B) Evidence for a slight asymmetry between the larger branch angles, as seen by a skewed histogram for the largest angle, for both rats and mice. (C and D) The branching angles, as in A and B, for backbone vertices only.

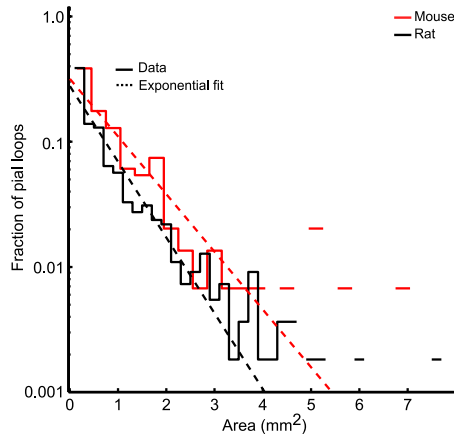


Fig. S2. Distribution of the area of loops in the backbone. The area of the loops is fit with an exponential function with mean values of $0.94 \pm 0.14 \text{ mm}^2$ (mean \pm 95% confidence interval) and $0.72 \pm 0.06 \text{ mm}^2$ for rat and mice, respectively. Shown on semilogarithmic plot.

