



### Additional file 5. Regional differences in CSF influx and amyloid burden

**a-d.** The relation between tracer signals and amyloid plaque burden across the brain cortex. The dorsal, lateral, and ventral regions are marked with different colors. The amyloid burden is higher in the order of ventral, lateral, and dorsal in both mid and old Tg mice. [(3 kDa; mid,  $p < 0.0001$ ,  $R^2 = 0.2701$ ; old,  $p < 0.0001$ ,  $R^2 = 0.09102$ ), (40 kDa; mid,  $p < 0.0001$ ,  $R^2 = 0.2176$ ; old,  $p < 0.0001$ ,  $R^2 = 0.1596$ )] ( $n = 9$ , mid Tg,  $n = 8$ , old Tg, 7 slices/mouse).