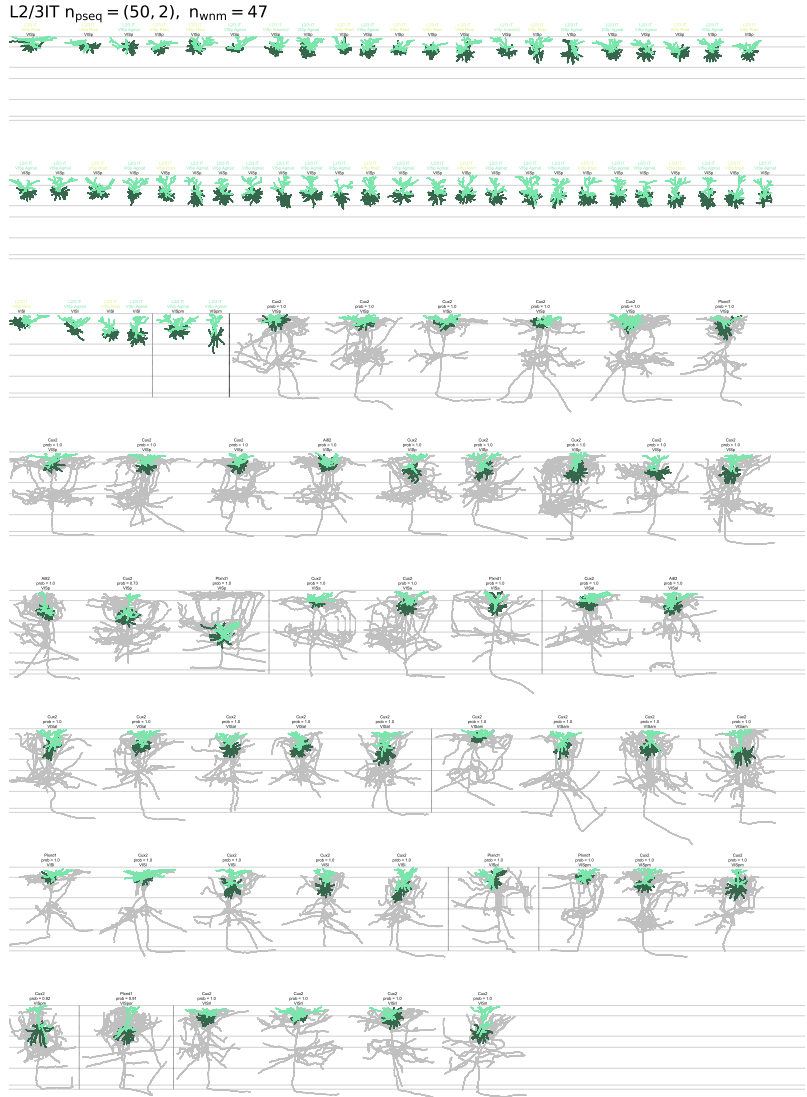
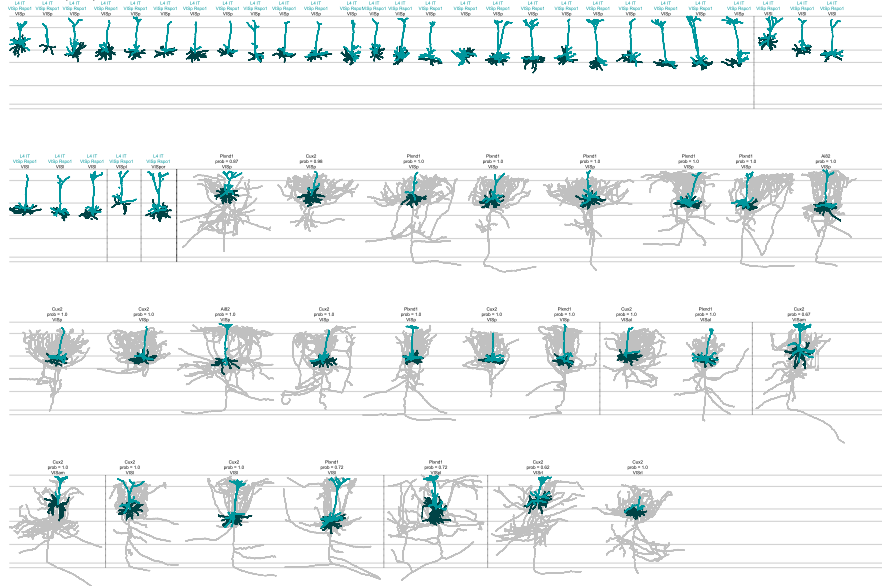


Extended Data

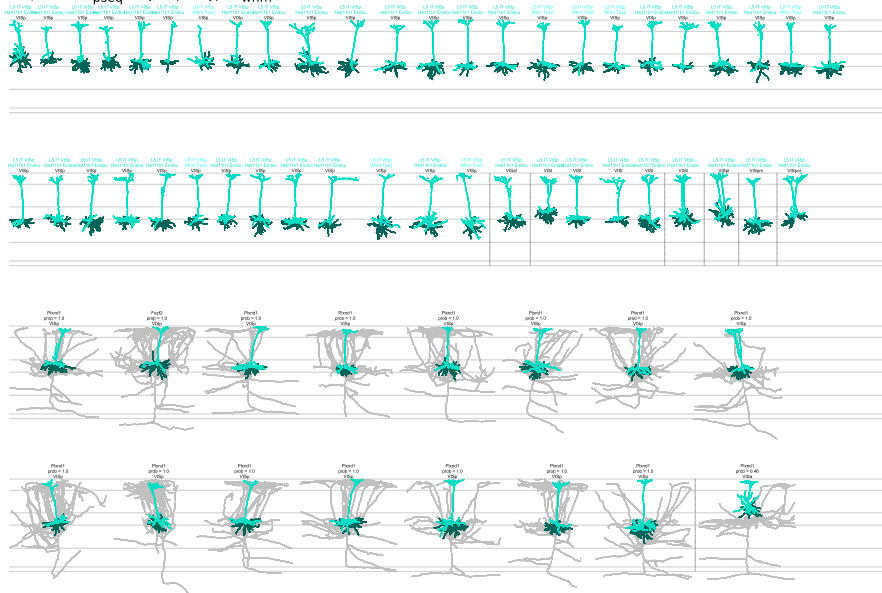


Extended Data Figure 1: Morphological reconstructions of MET-types (1 of 10). Sample sizes indicate the number of Patch-seq neurons (generated manually and automatically respectively) and the number of WNM neurons. Dark dashed lines separate Patch-seq and WNM morphologies, while lighter dashed lines differentiate soma structures. Patch-seq cells include transcriptomic type and soma structure annotations. WNM cells include transgenic line, MET-type prediction probability, and soma structure annotations. Apical dendrites are shaded lighter and local axon is in grey for WNM neurons.

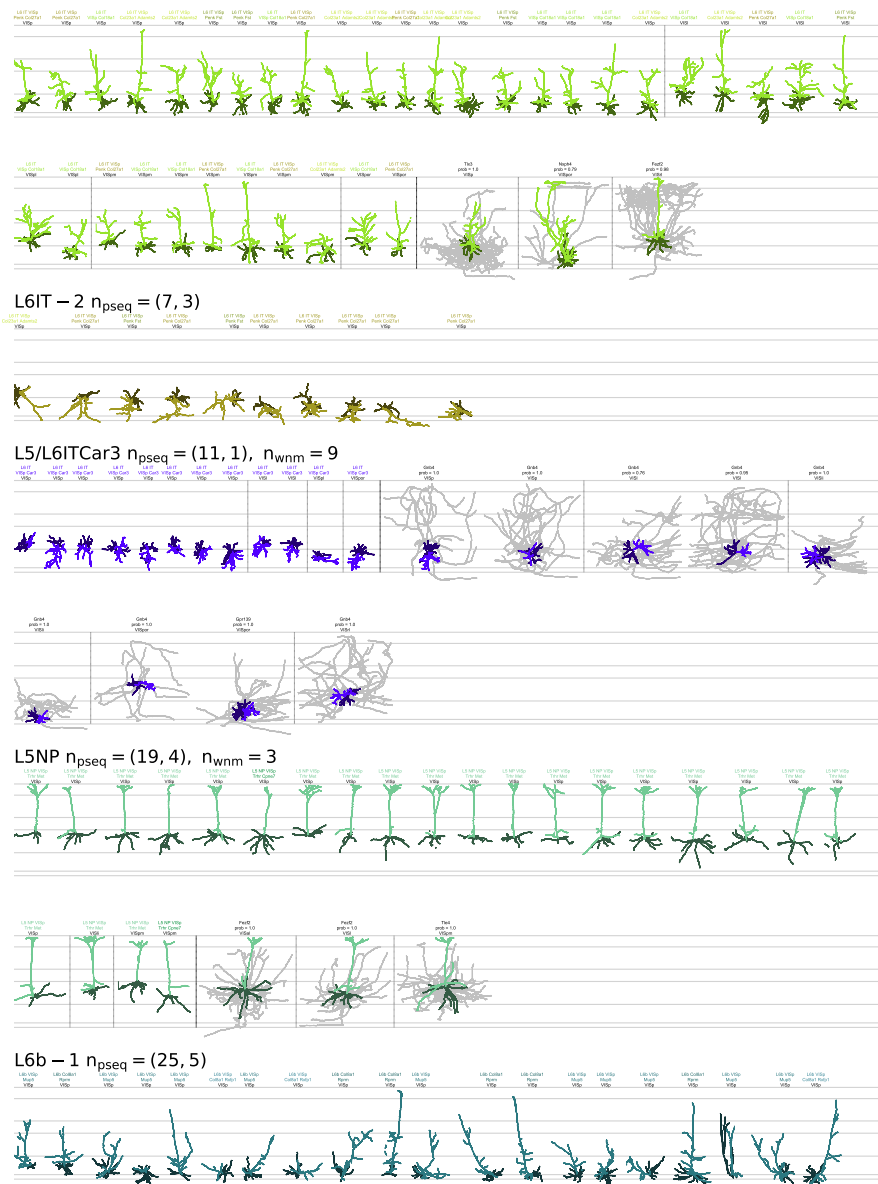
L4IT $n_{pseq} = (15, 17)$, $n_{wnm} = 25$



L4/L5IT $n_{pseq} = (25, 21)$, $n_{wnm} = 38$



Extended Data Figure 2: Morphological reconstructions of MET-types (2 of 10)



Extended Data Figure 4: Morphological reconstructions of MET-types (4 of 10)

