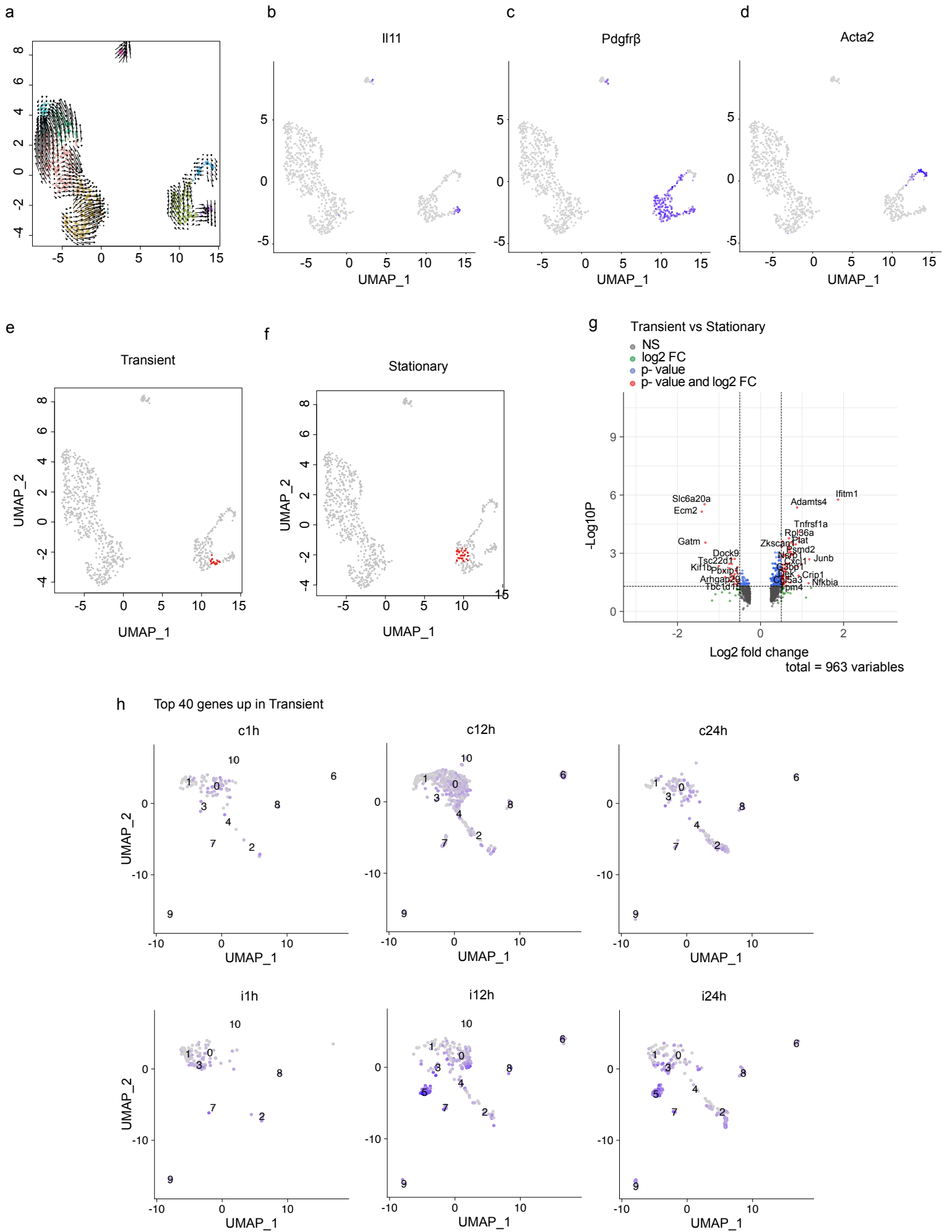




Suppl. Fig. 5 Velocityto pseudotime analysis at 12h suggests *Il11*-expressing cluster of pericytes as derived from pericytes (a) Velocityto of the ipsilateral 12 hours data containing mural cells and endothelial cells. Expression of *Il11* (b), *Pdgfr β* (c) and *Acta2* (d) in the different Velocityto clusters, respectively (e) Transient and (f) Stationary pericytes towards *Il11* expressing-cells from Velocityto (g) Volcano plot showing the DEGs between the stationary and the transient pericytes (h) The top 40 upregulated DEGs were used as a gene signature and plotted in mural cell sub clusters as in Figure 2.