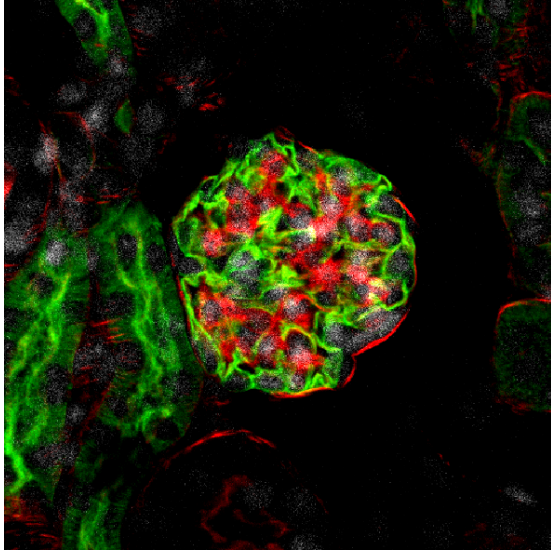
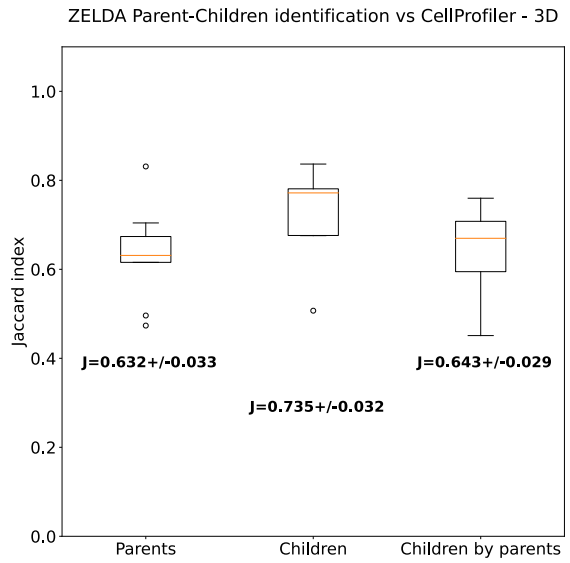


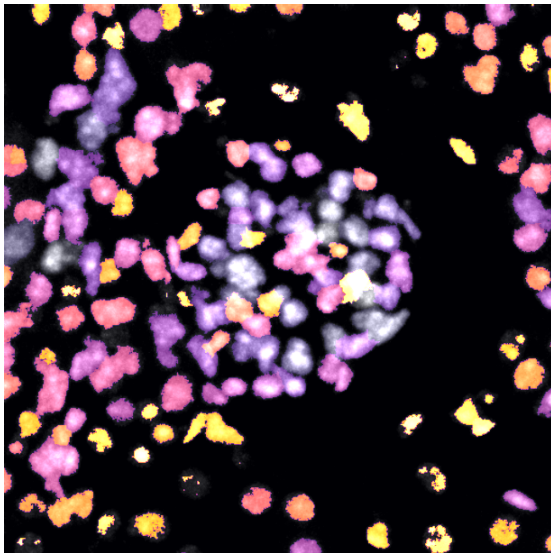
A



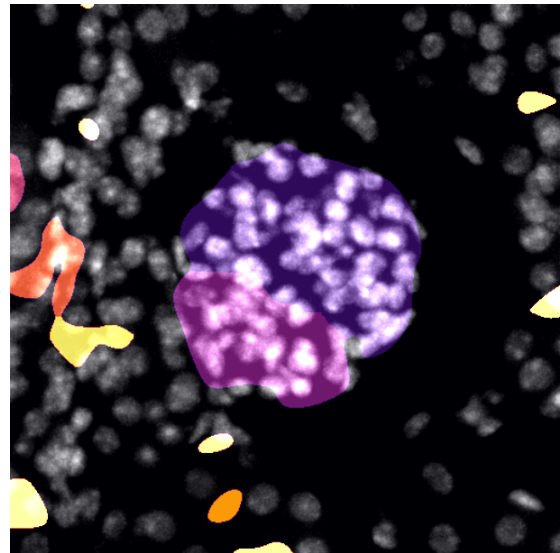
B



C



D



Supplementary Figure 3. Improved Cell Profiler segmentation by pre-processing 3D data sets with ZELDA. (A) Mid-slice of the z-stack, where typically the strongest signal is found. Its segmentation with ZELDA and CellProfiler provide a higher Jaccard score. (B) Jaccard index for the results of the ZELDA 3D segmentation and a CellProfiler pipeline composed solely of 3D compatible modules. Improved (C) segmentation of children nuclei and (D) “parent-child” relation obtained by CellProfiler using 3D pre-processed data sets from ZELDA.