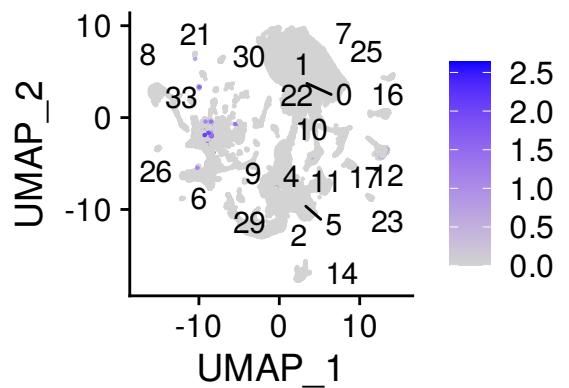
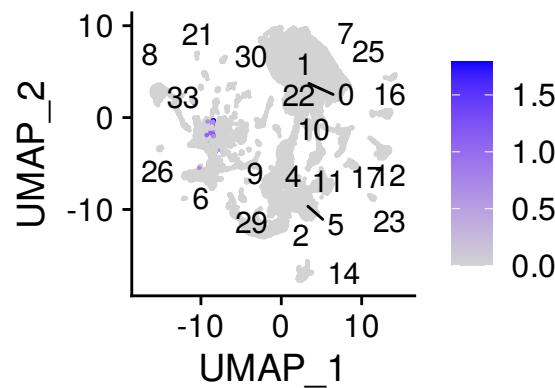
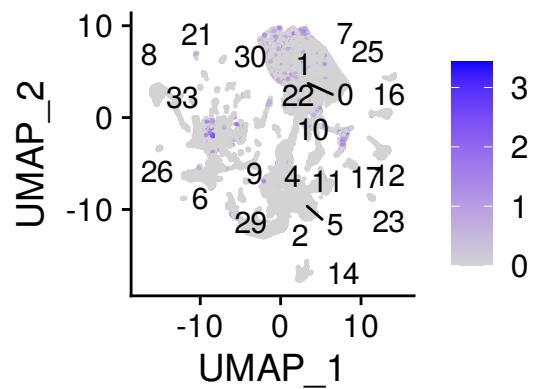
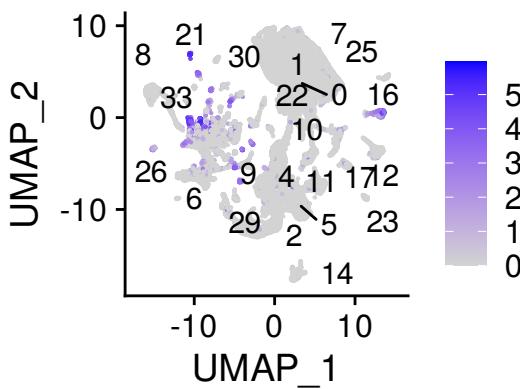
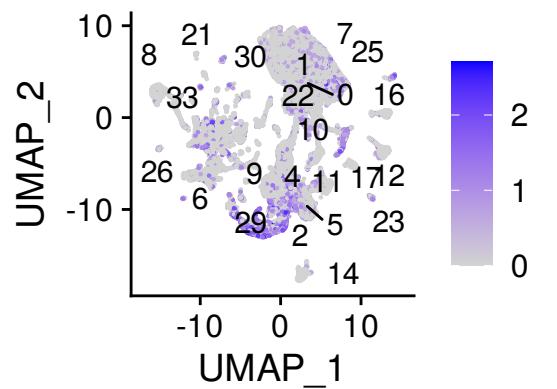
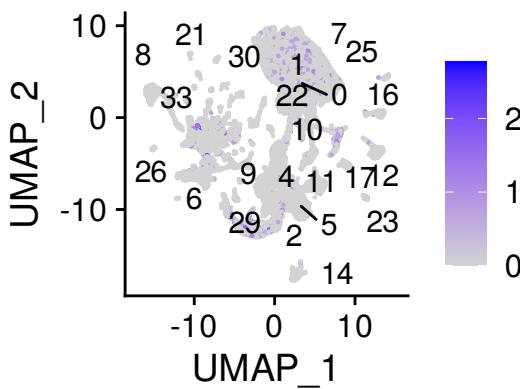
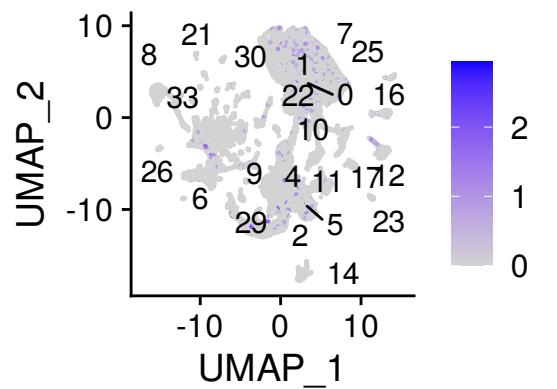
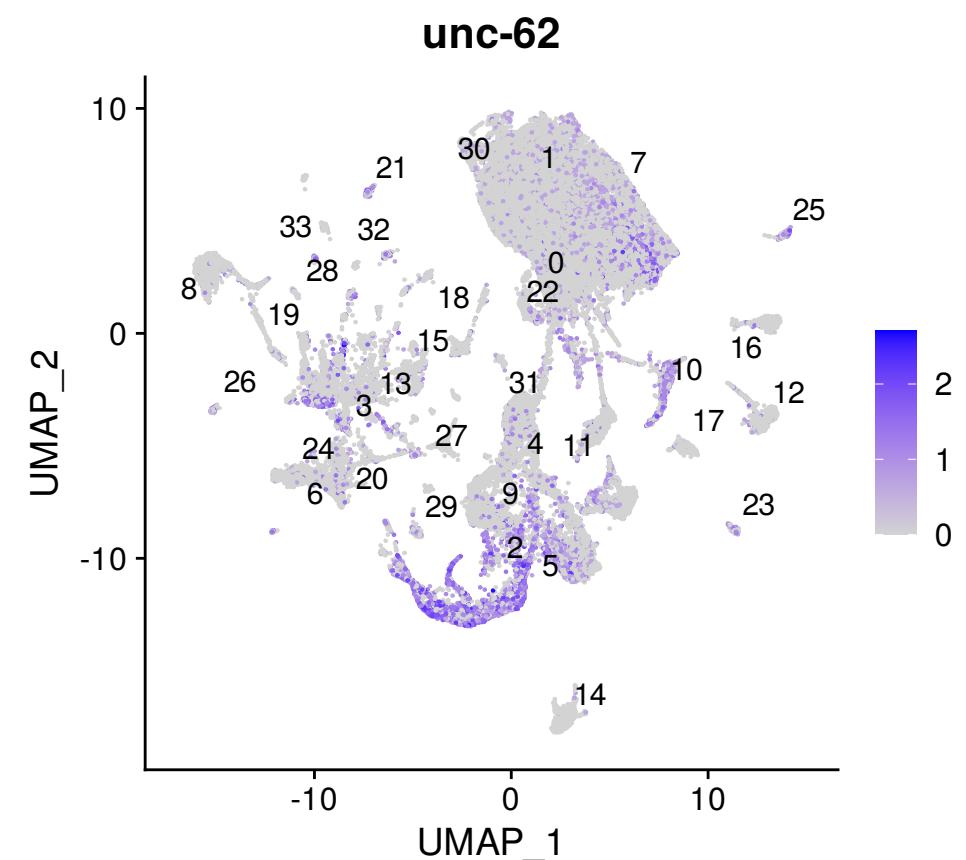
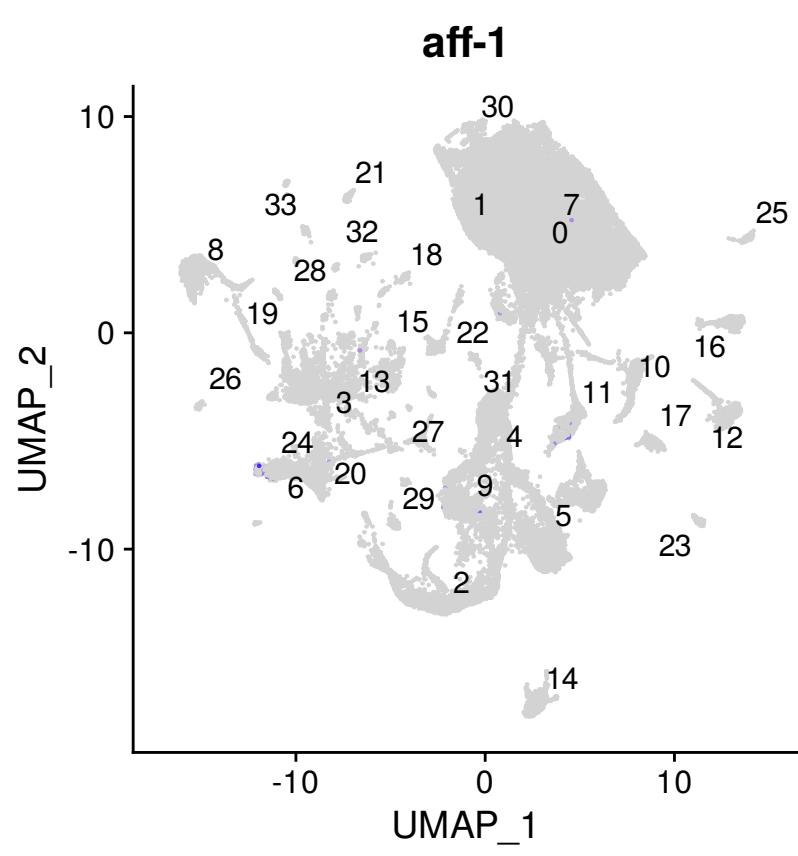
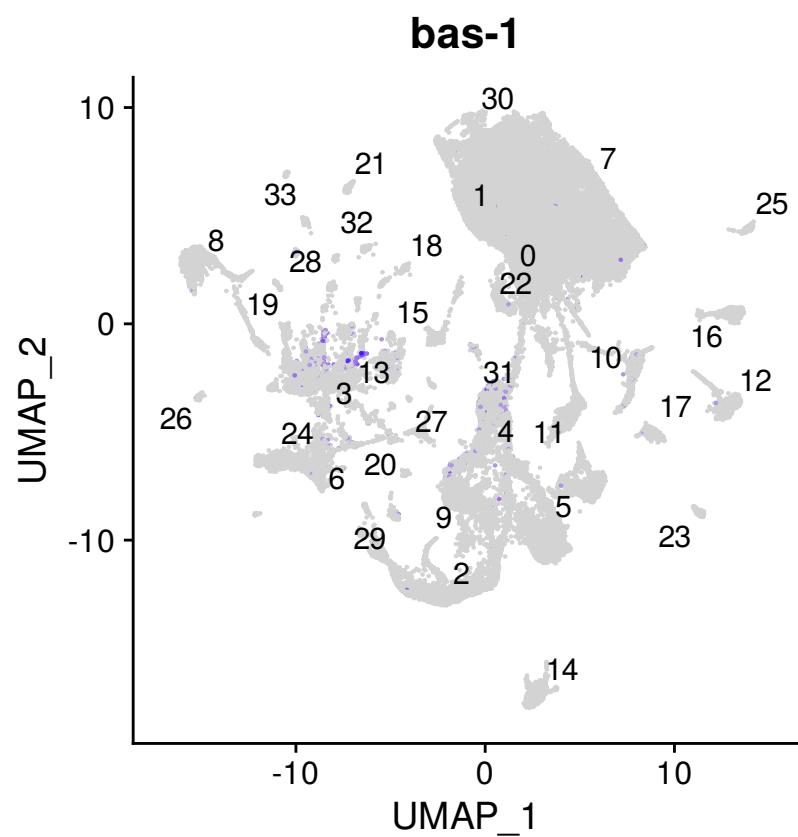
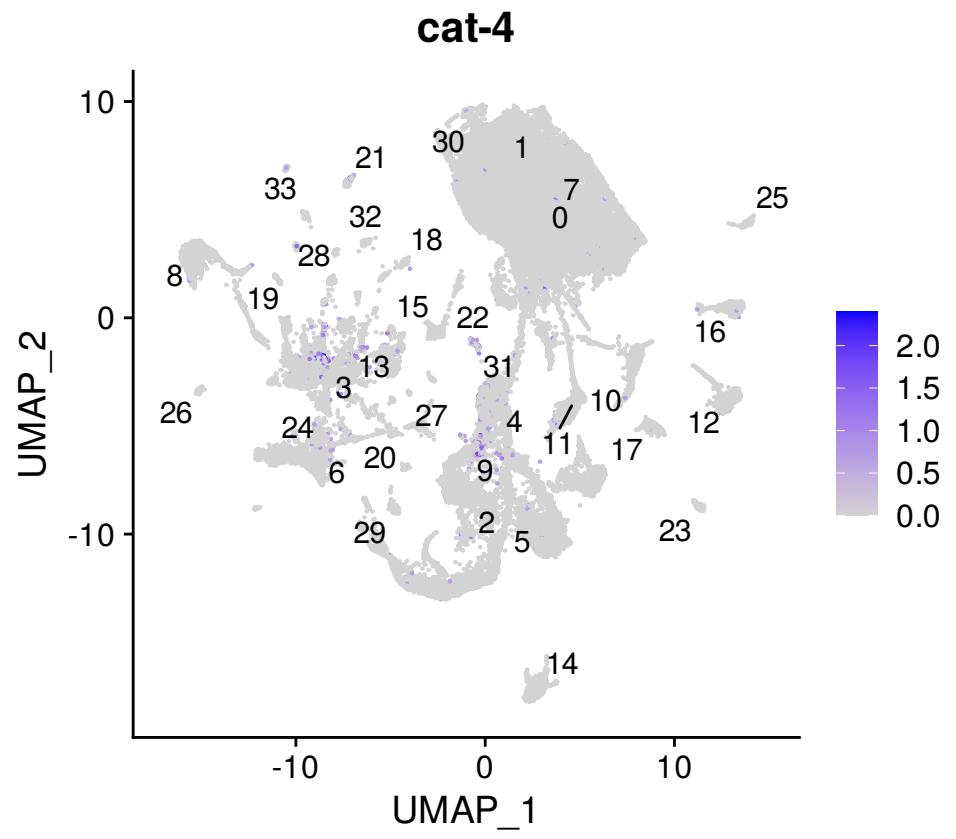
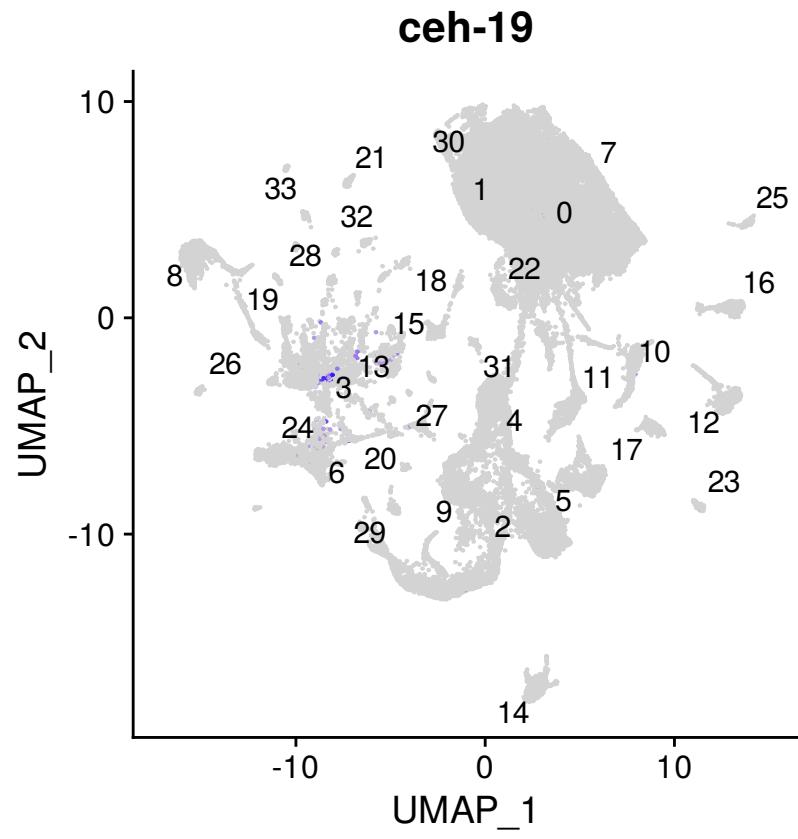


**ADE markers****dat-1****cat-2****tba-9****pdf-1****unc-62****cwn-2****ceh-13**

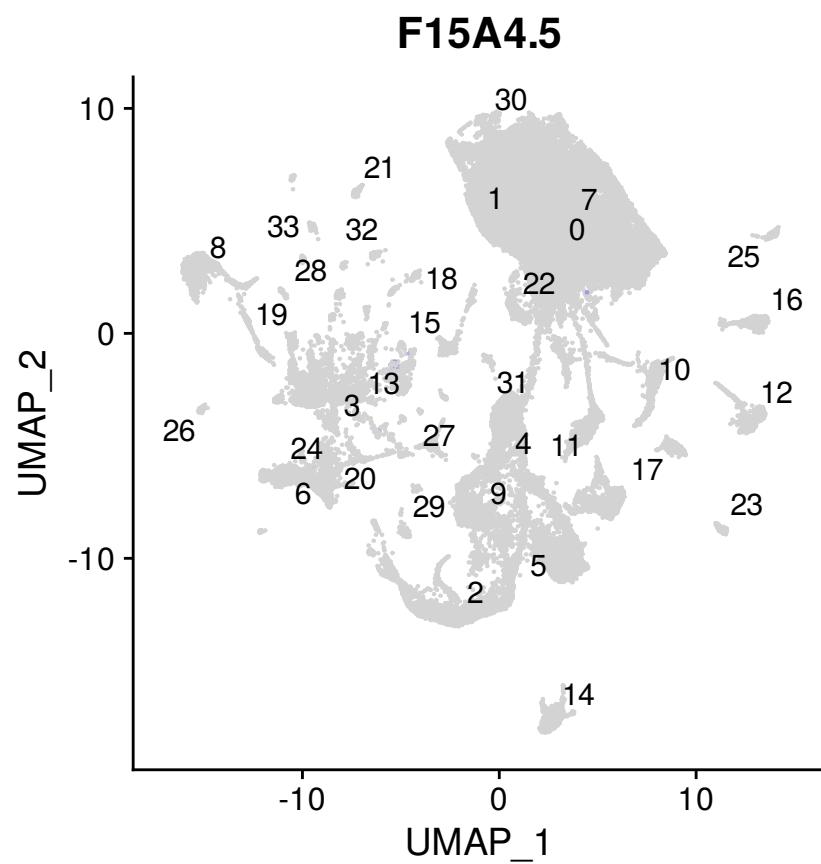
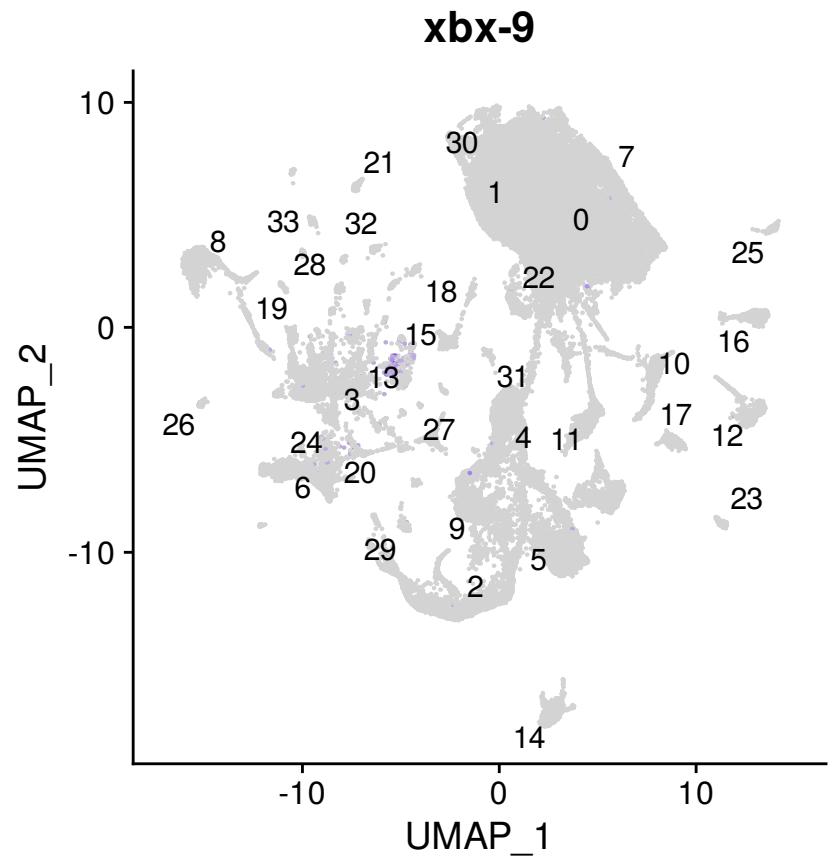
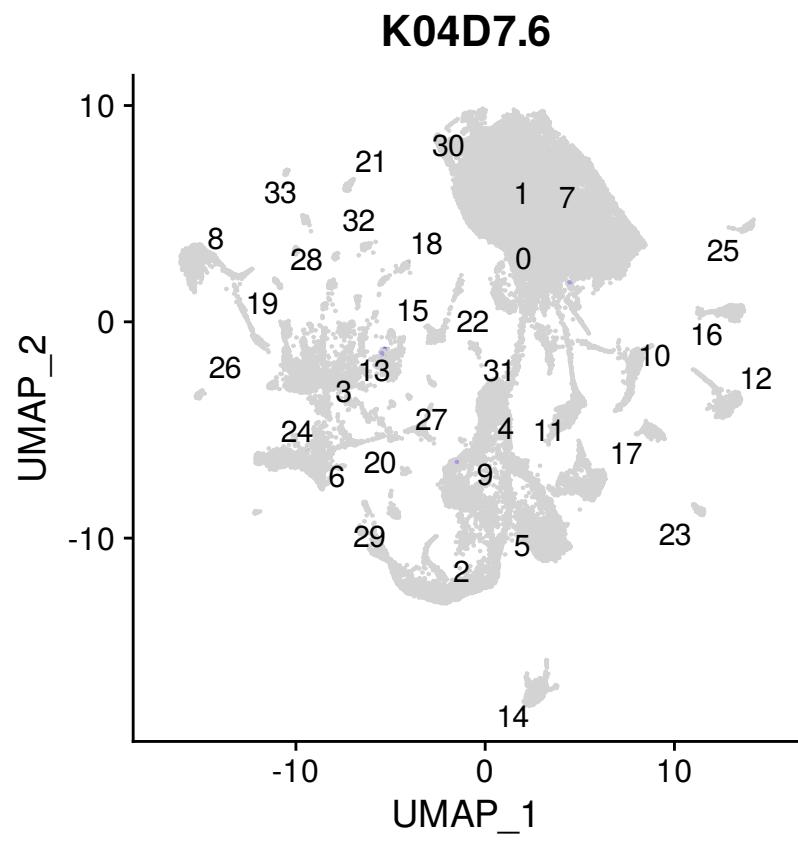
# ADEsh markers

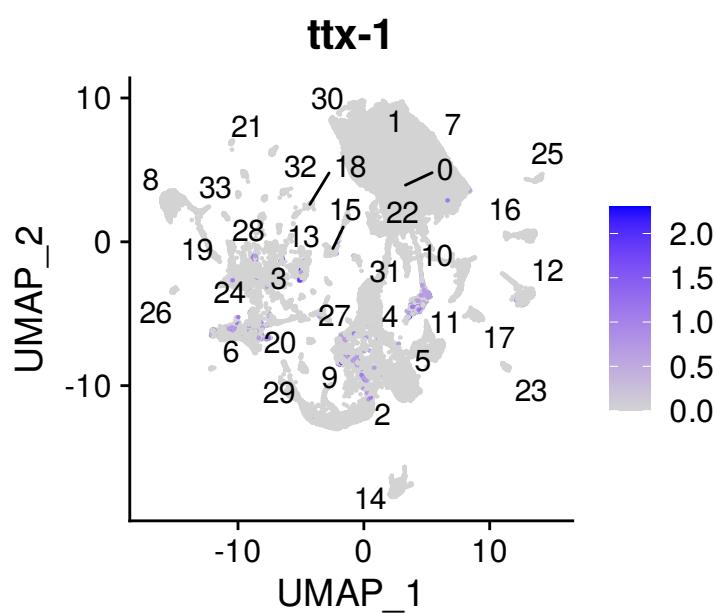
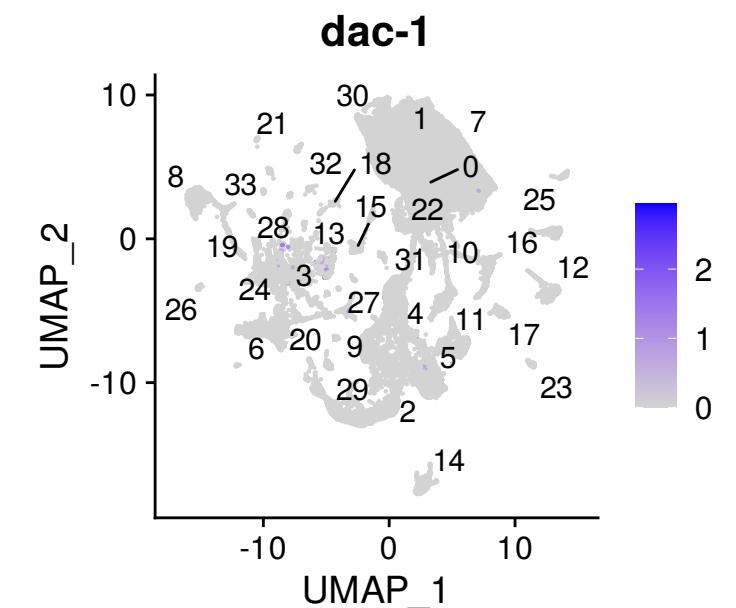
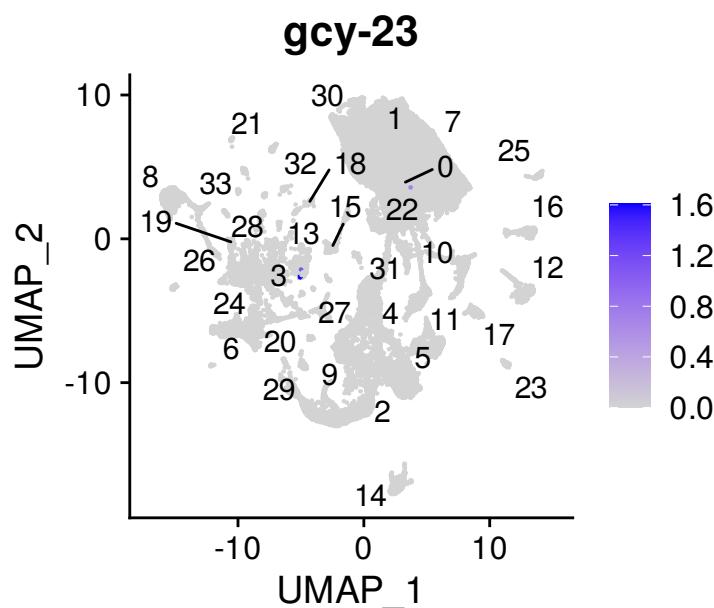
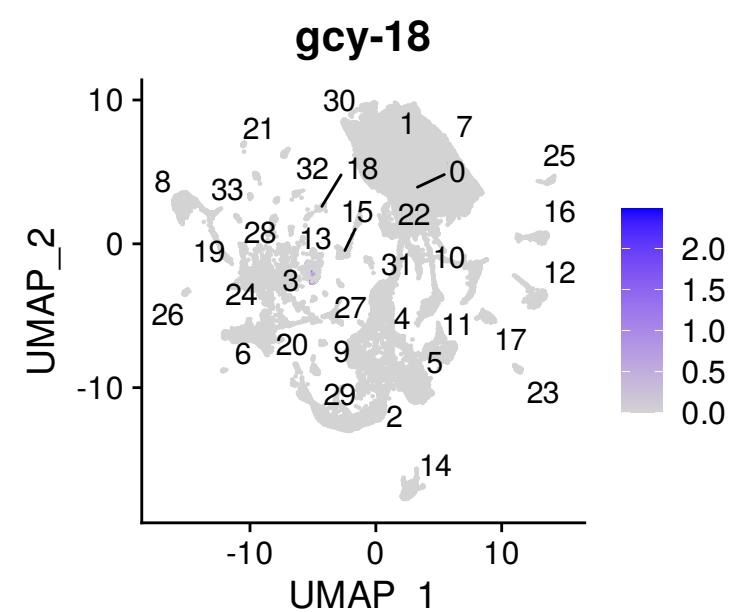
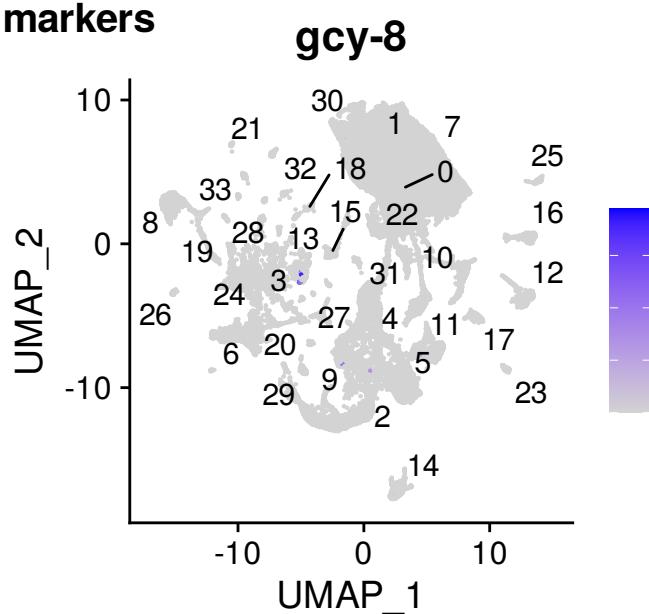


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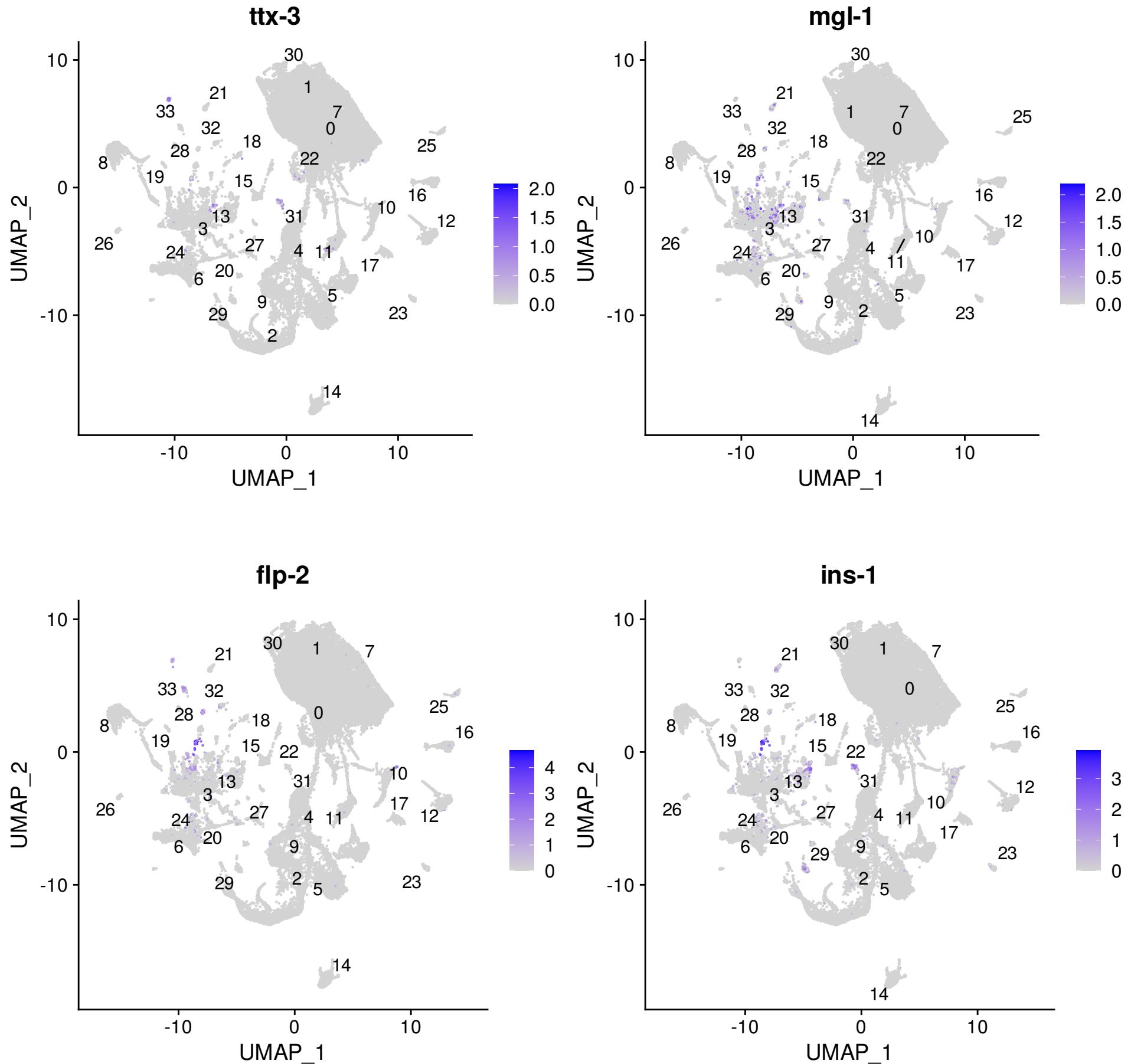


# ADL markers

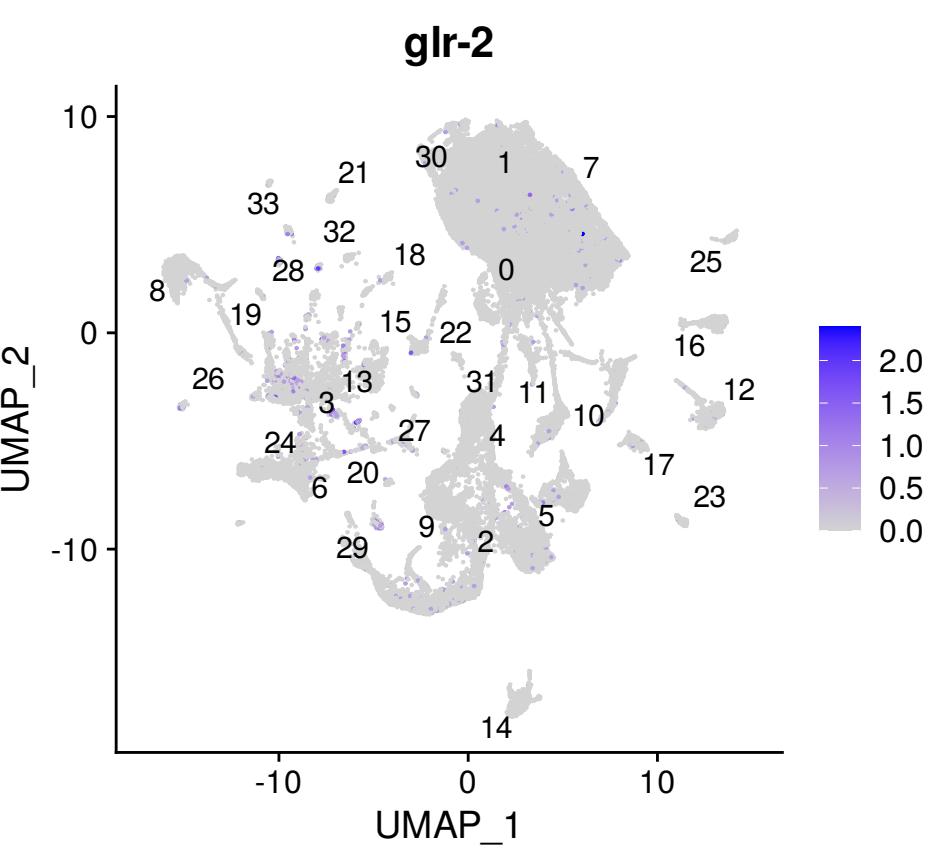
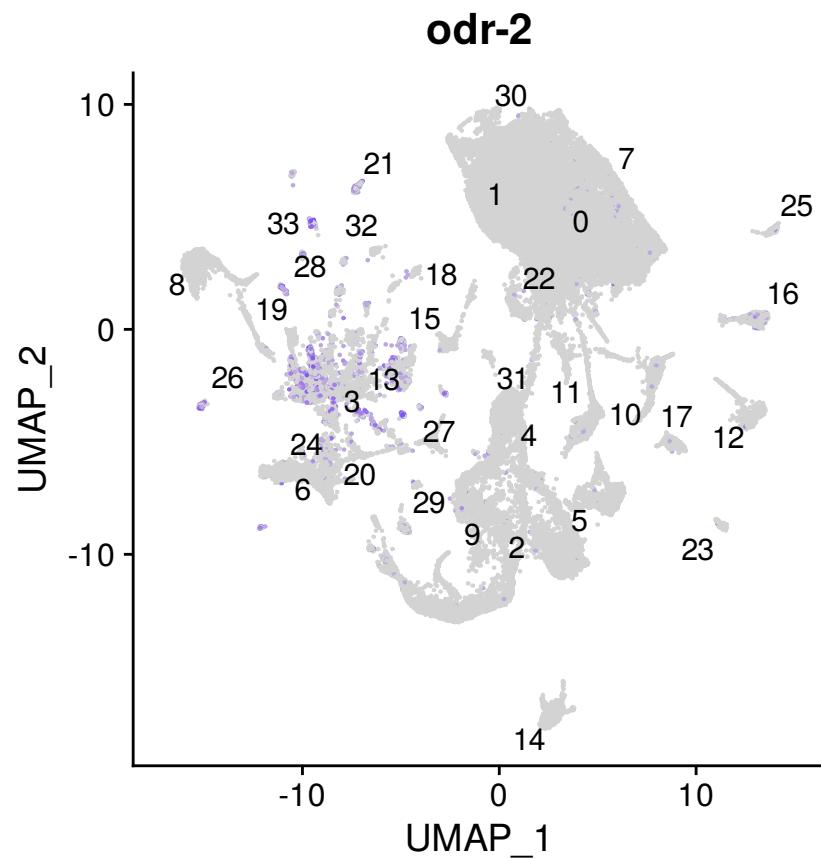
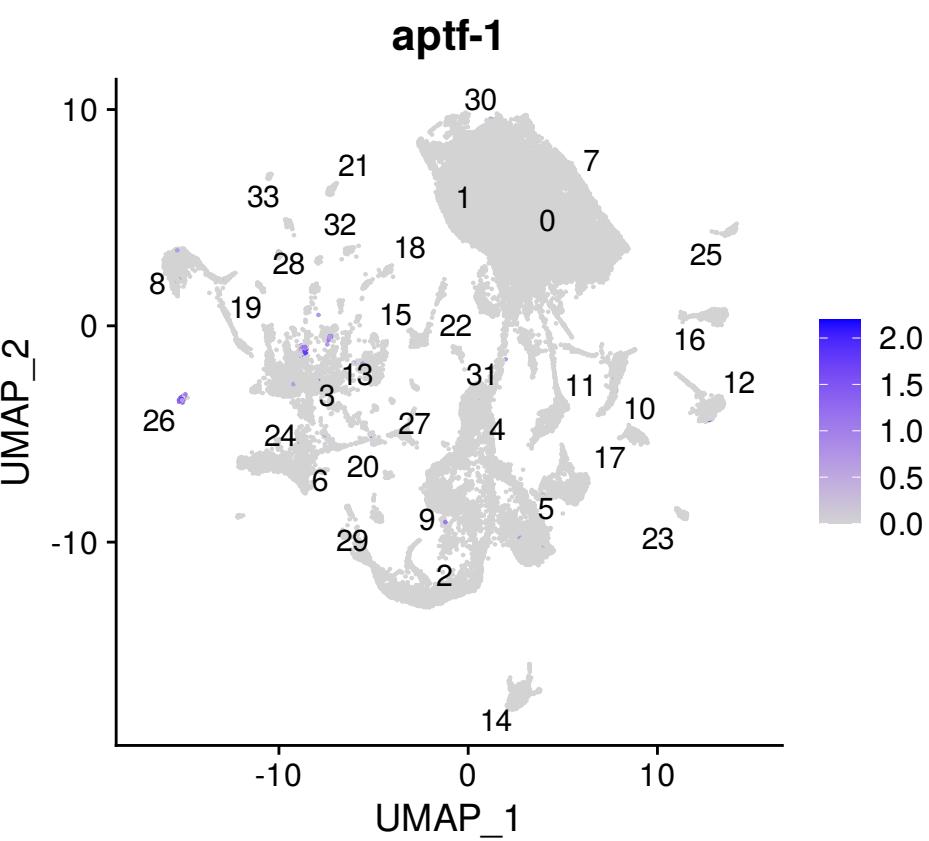
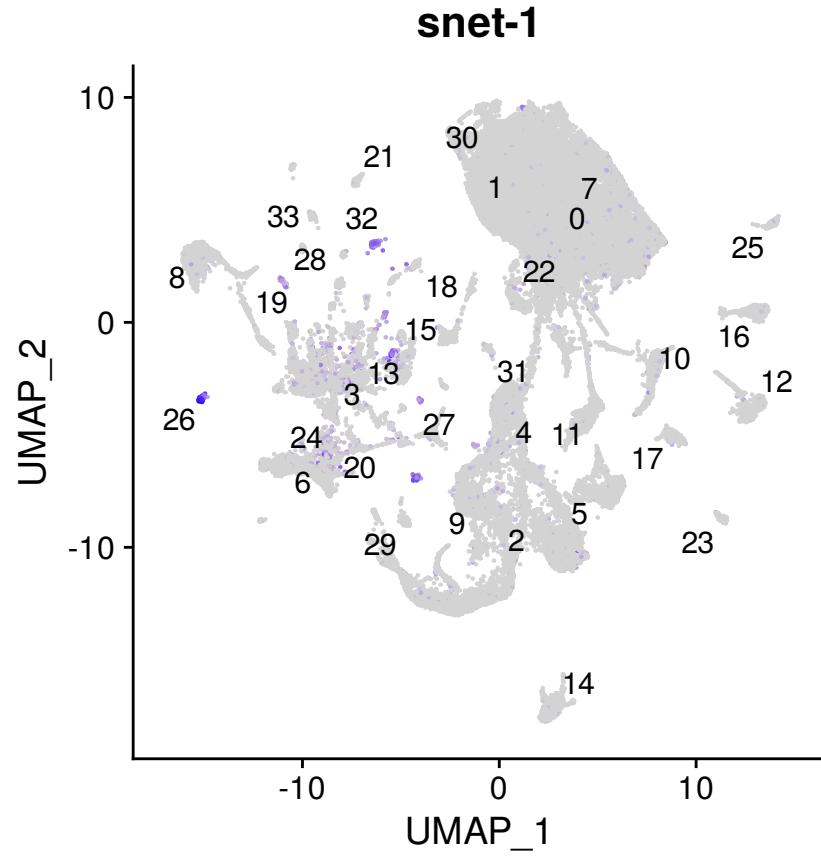


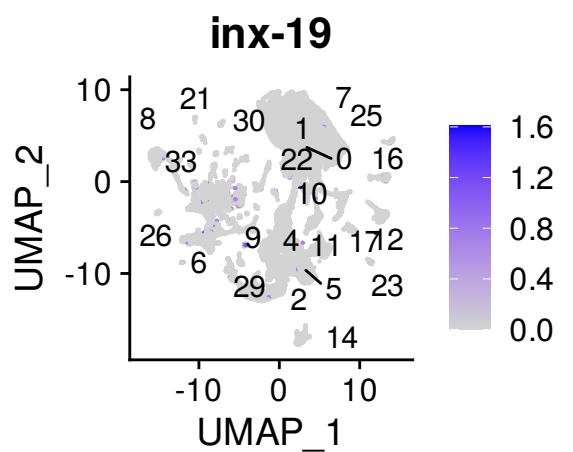
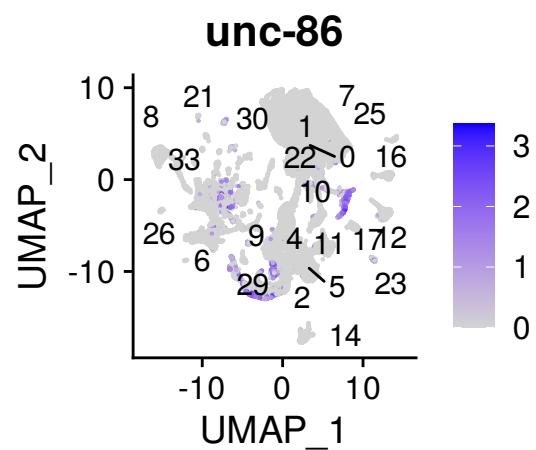
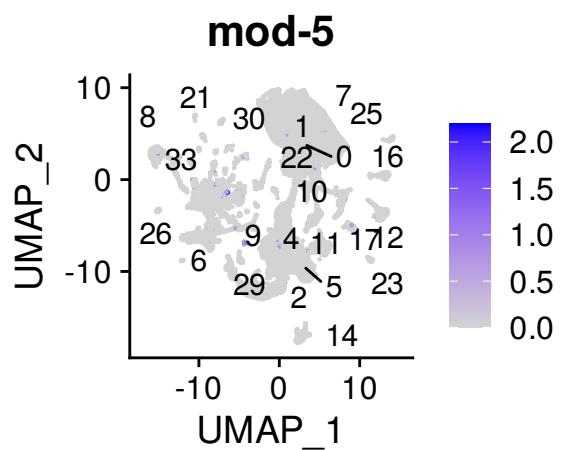
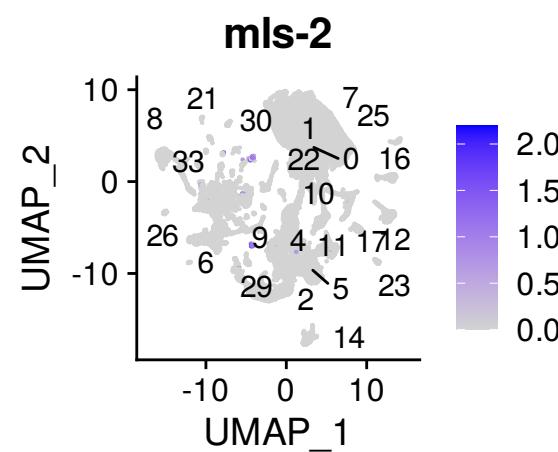
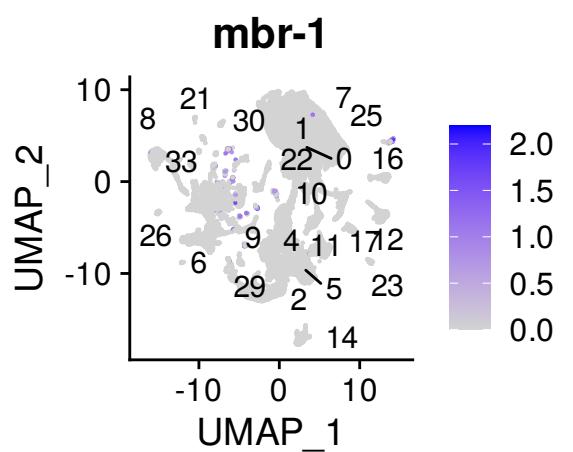
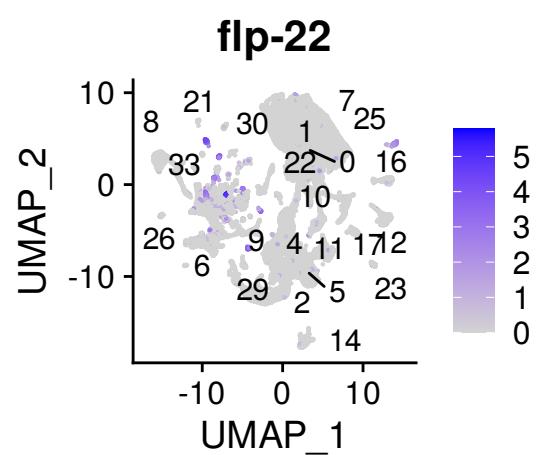
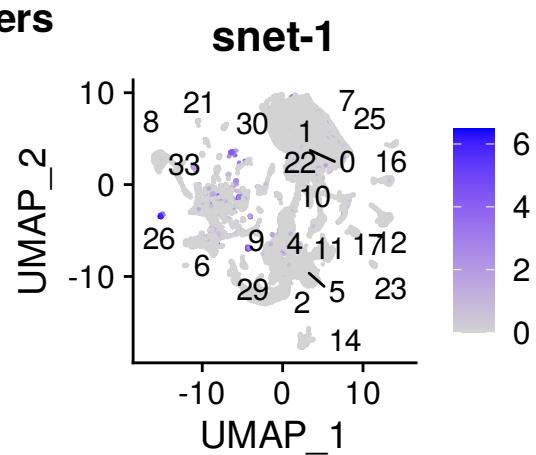
**AFD markers**

# AIA markers

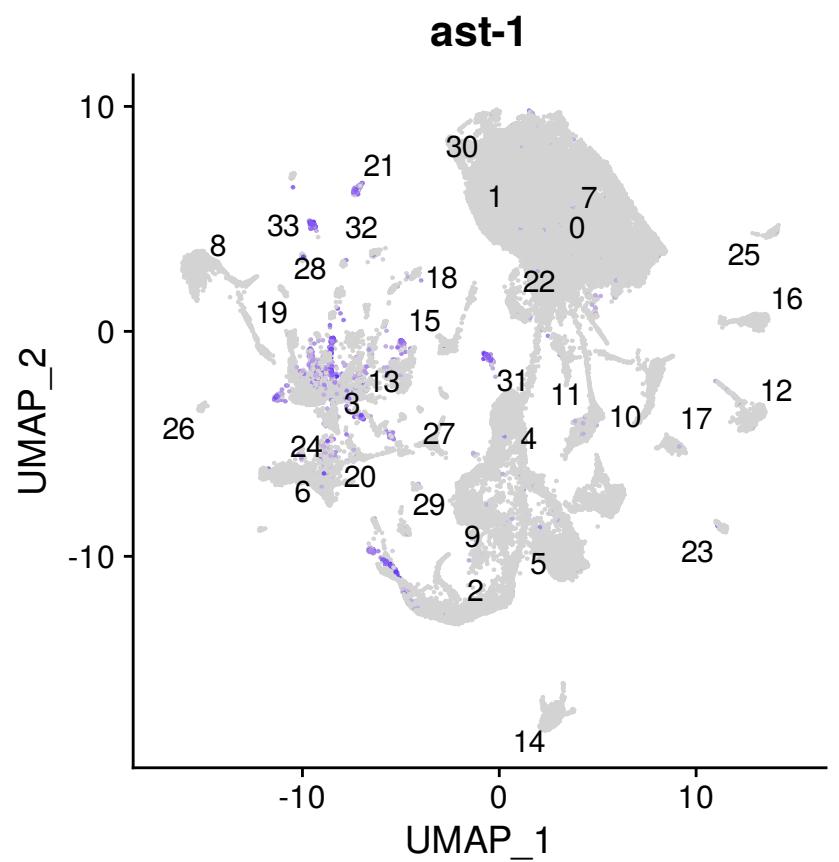
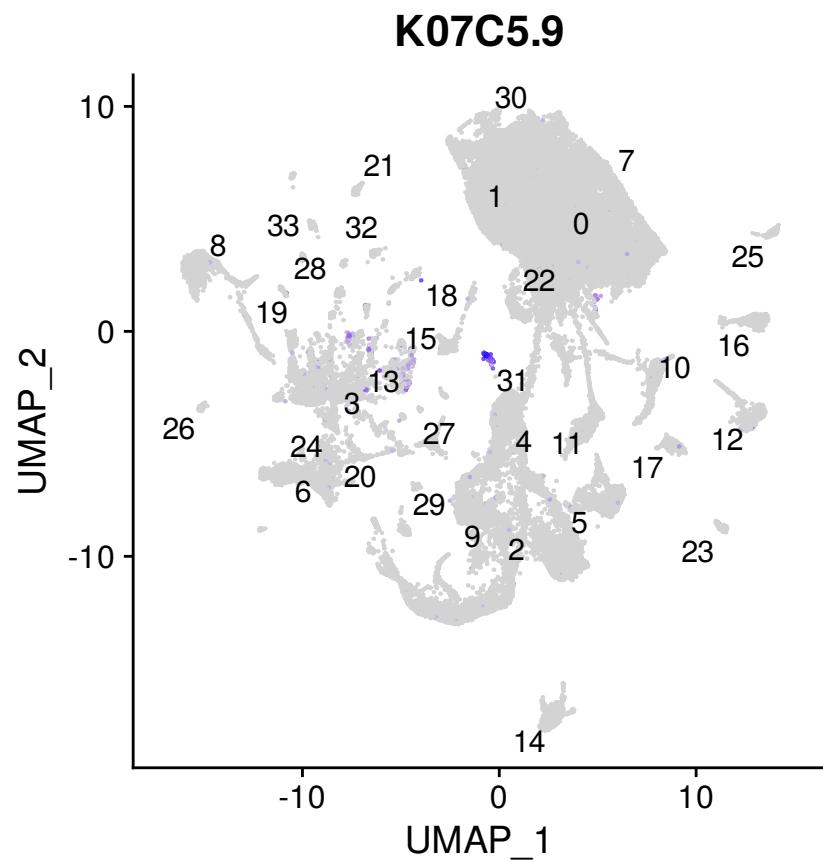
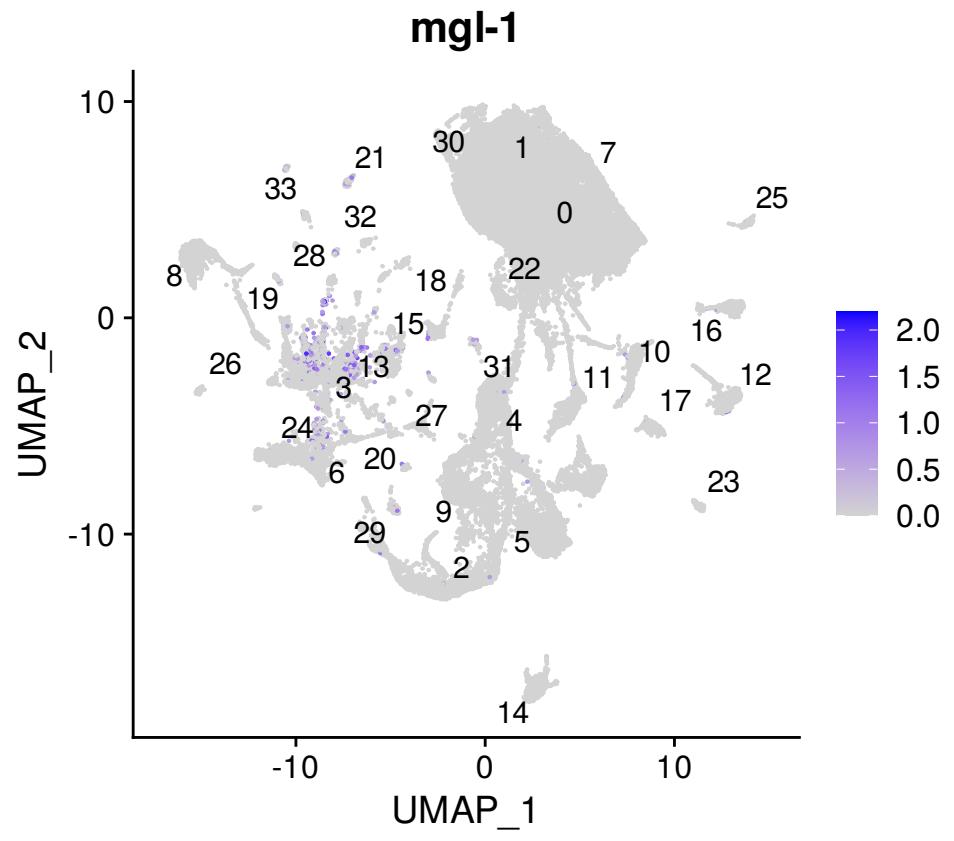
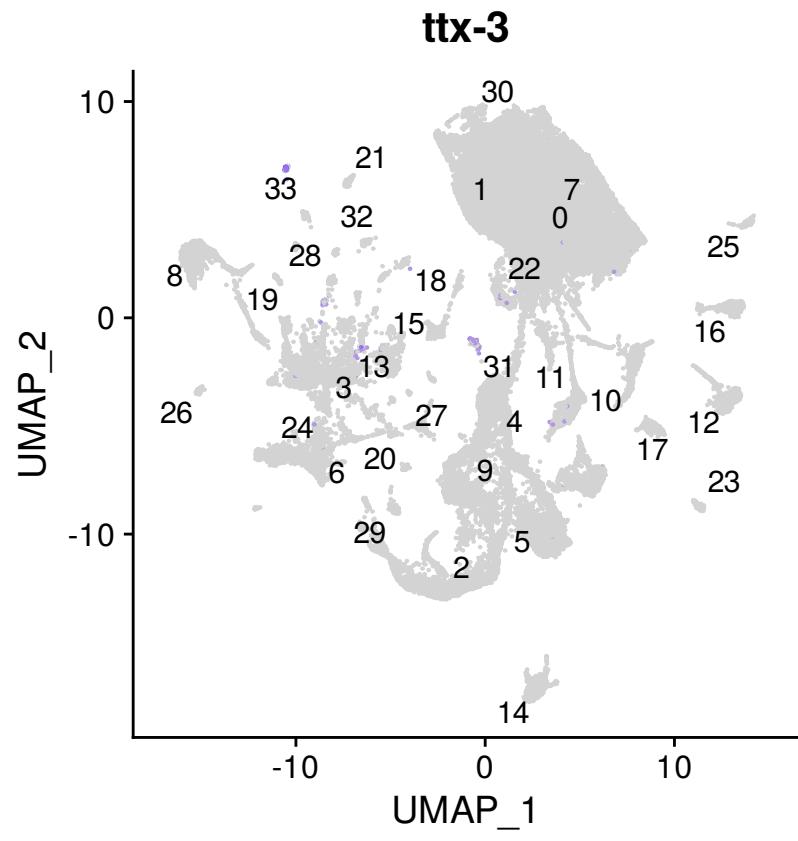


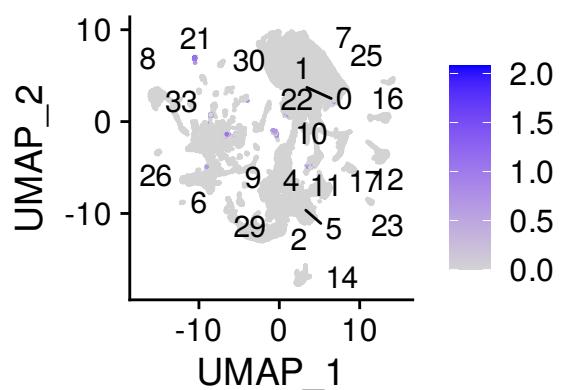
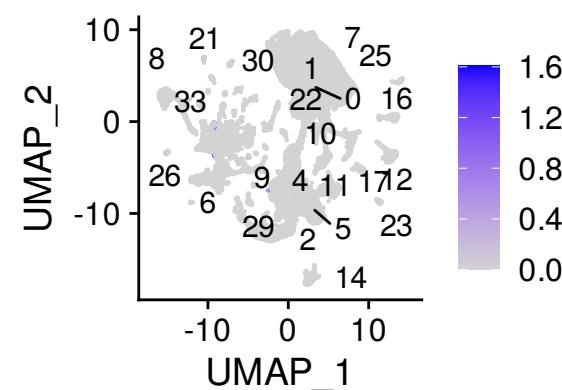
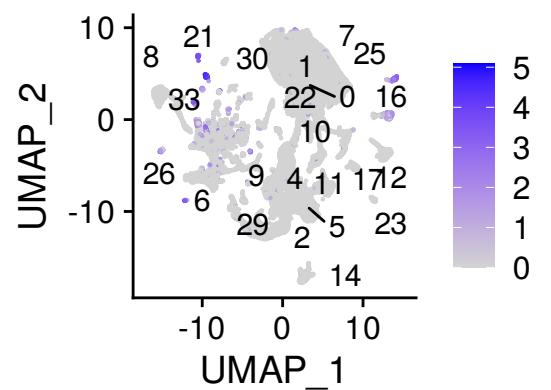
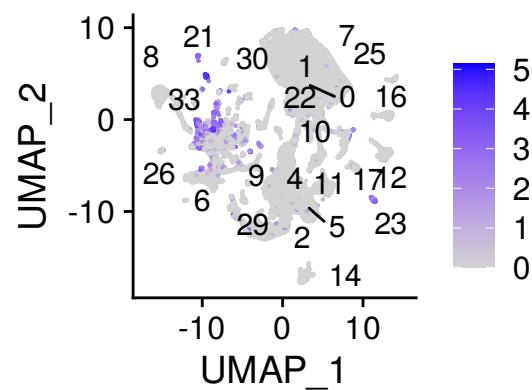
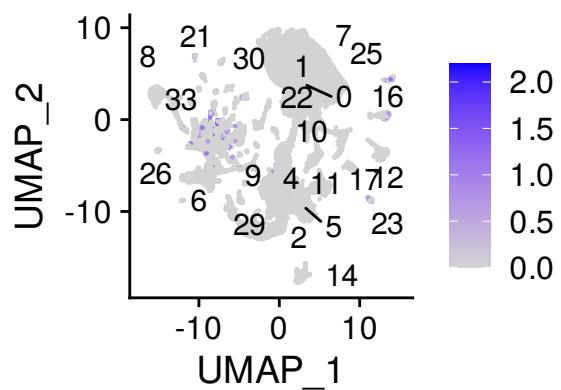
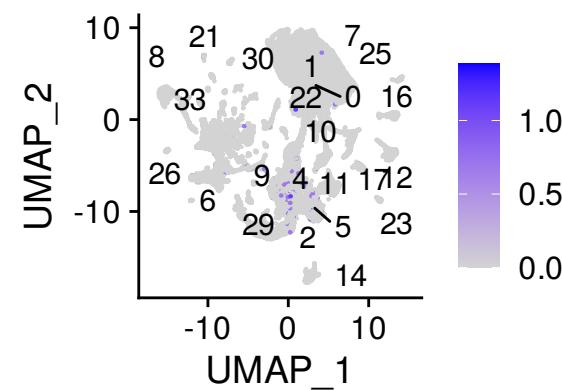
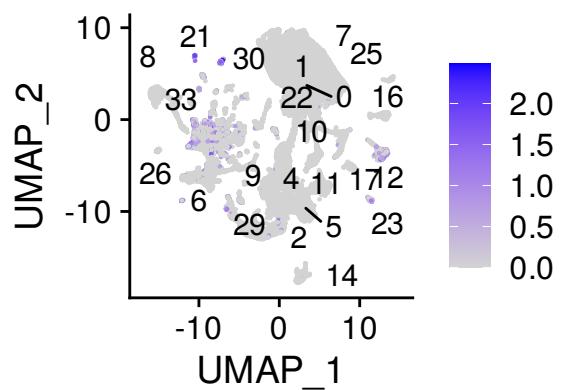
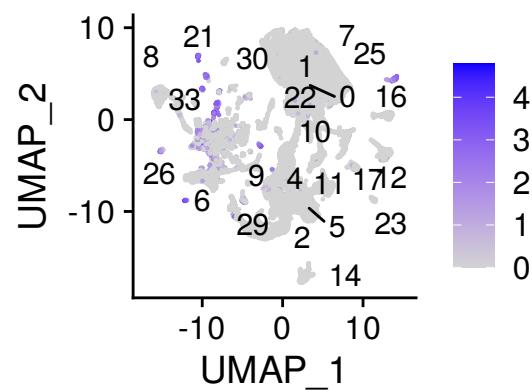
# AIB markers



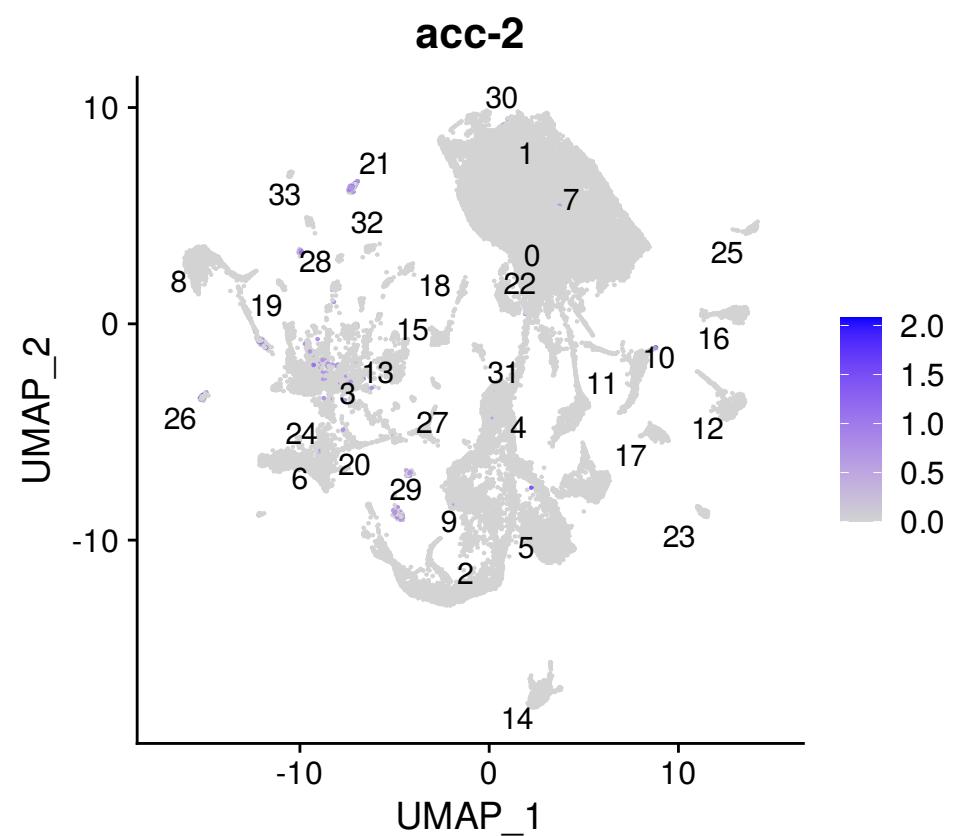
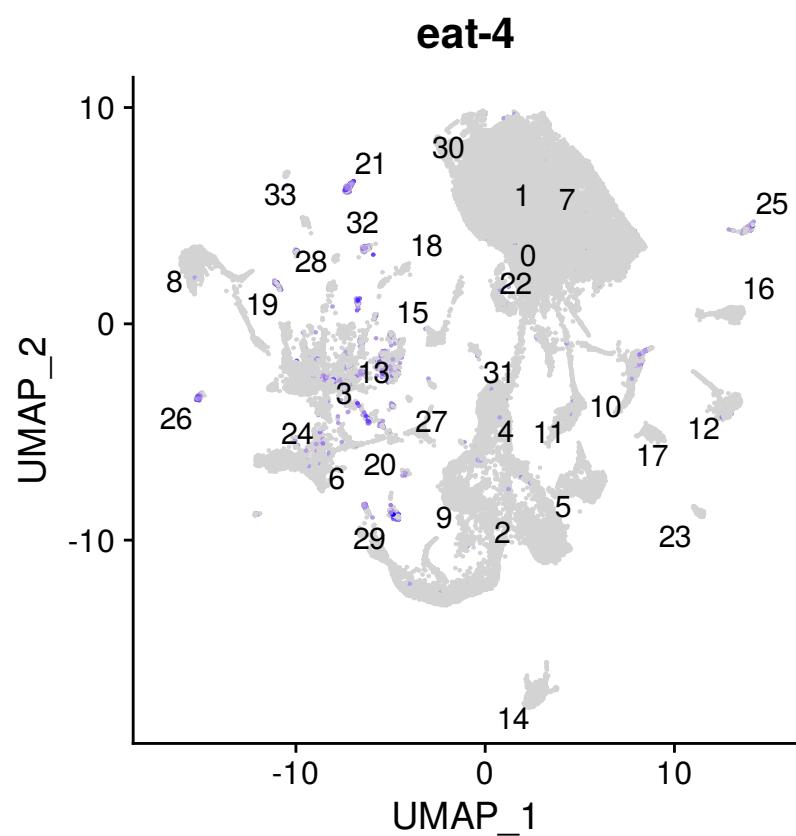
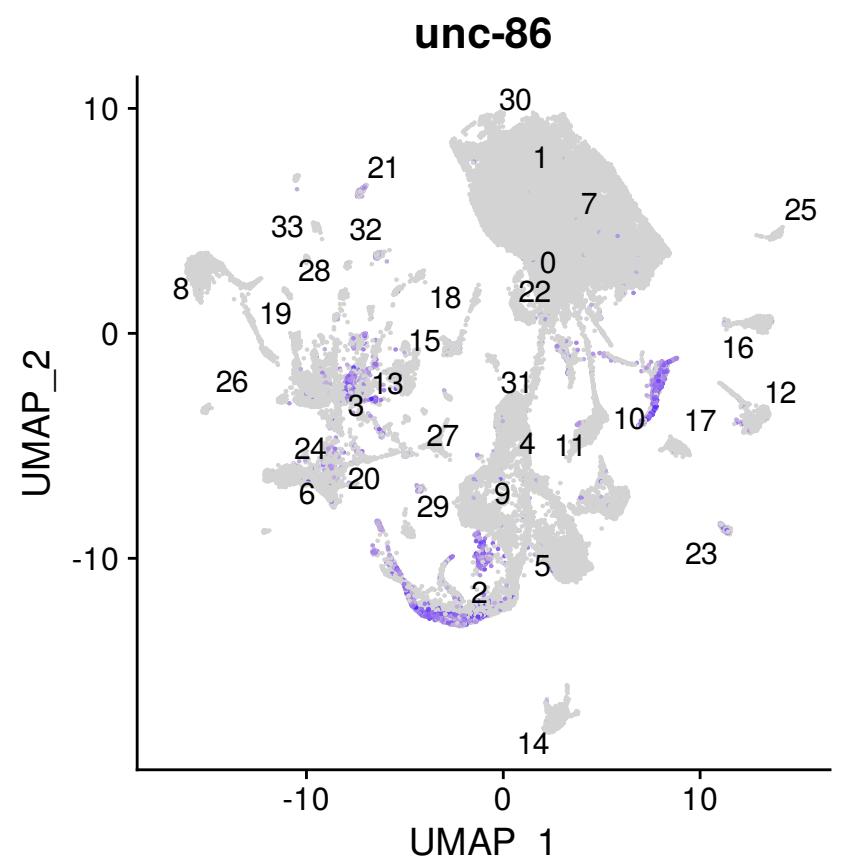
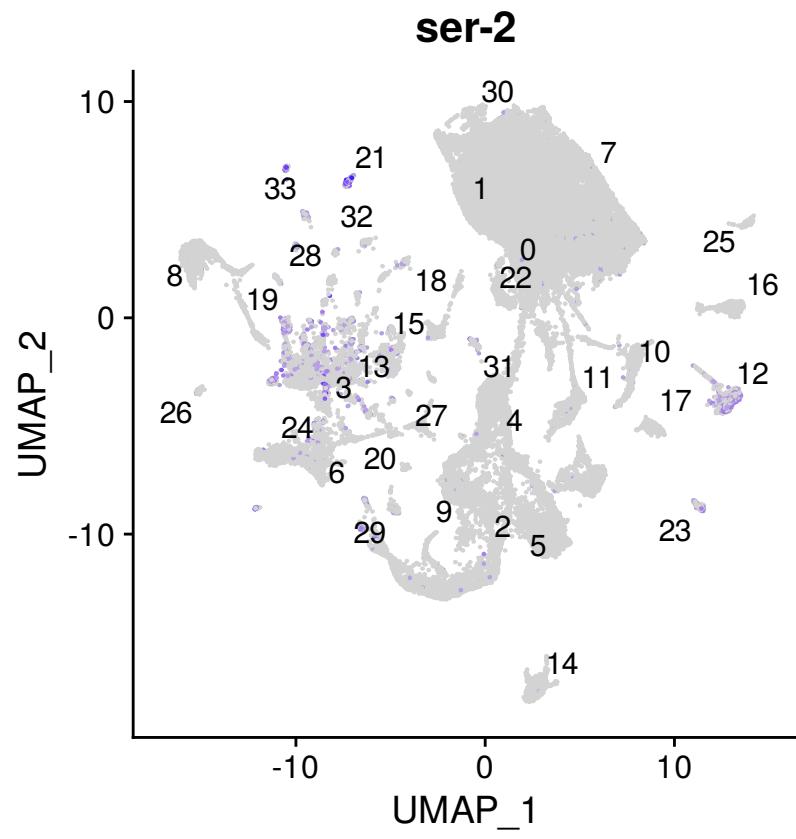
**AIM markers**

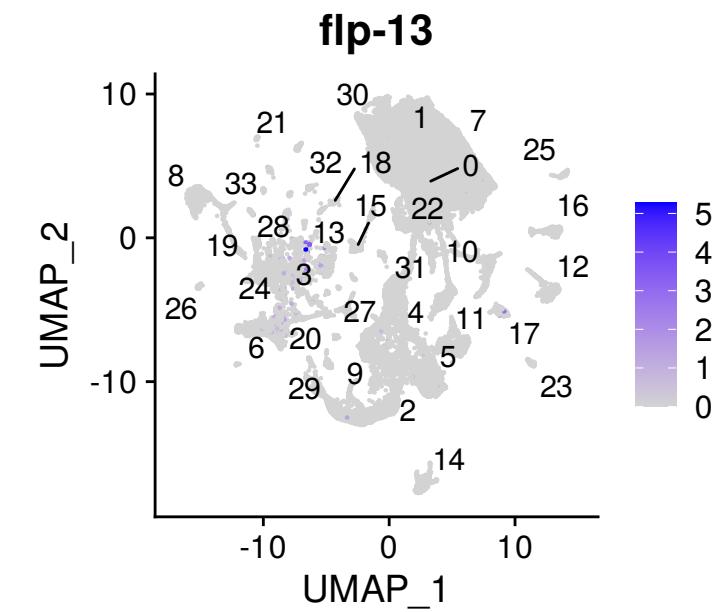
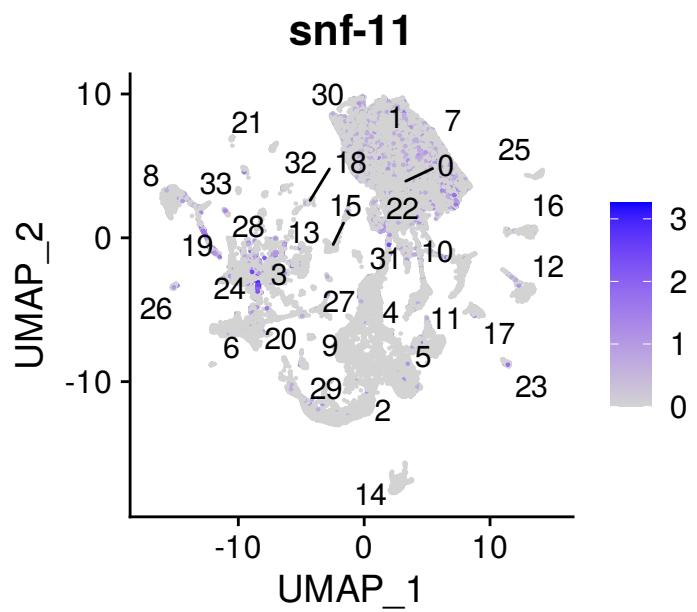
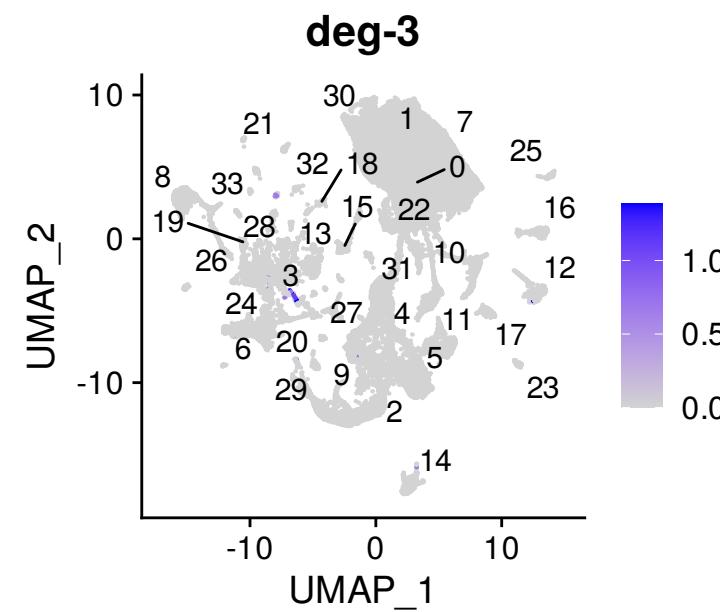
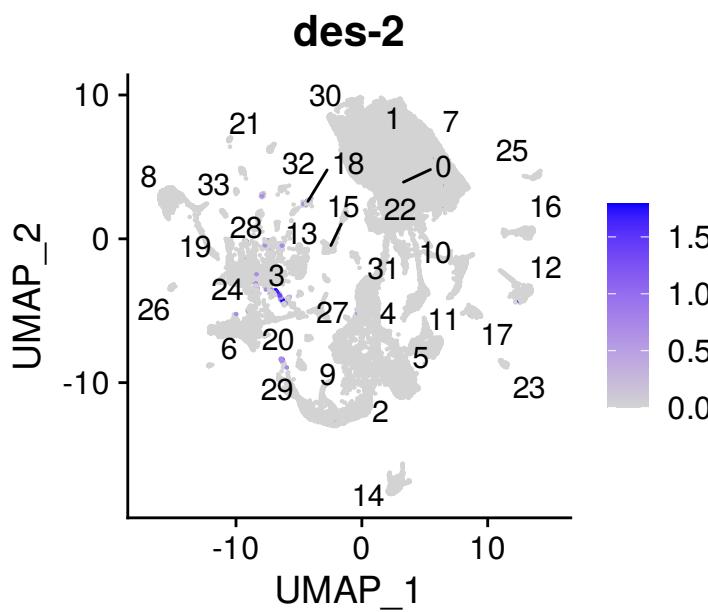
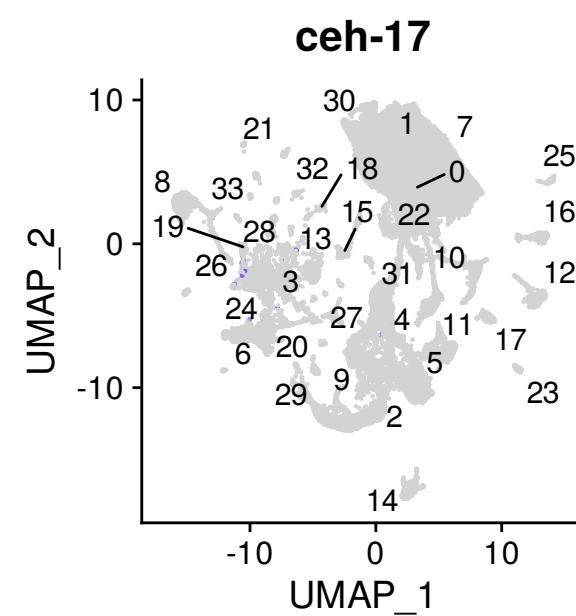
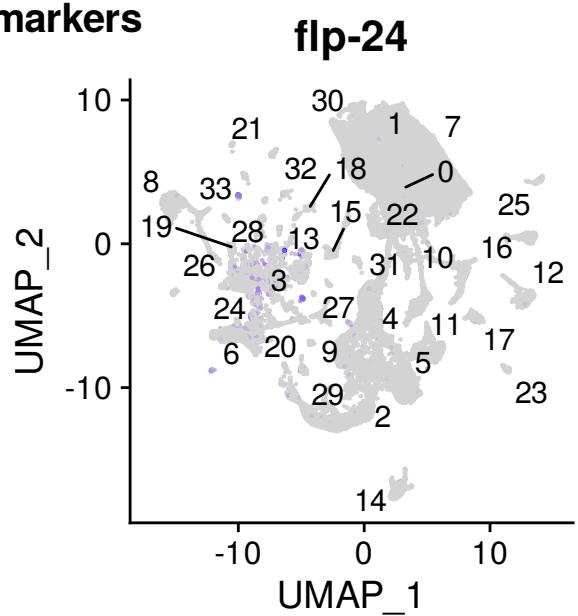
# AIN markers

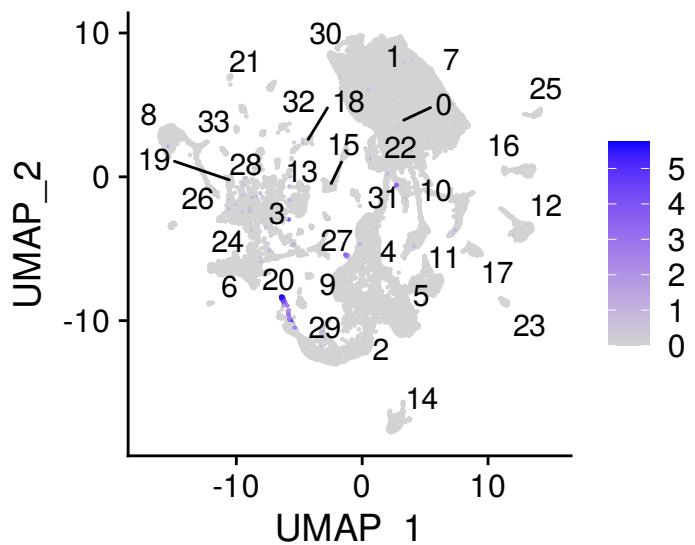


**AIY markers****ttx-3****ceh-10****F17C11.2****fip-9****glc-3****bus-18****ser-2****nlp-15**

# AIZ markers



**ALA markers**

**ALM\_BDU markers****mec-3**

UMAP plot showing the distribution of ALM\_BDU markers for *mec-3*. The axes and data points are identical to the *mec-17* plot. The color scale on the right indicates values from 0 (light gray) to 2 (dark blue). The distribution is similar to *mec-17*, with higher values concentrated in specific clusters.

**mec-7**

UMAP plot showing the distribution of ALM\_BDU markers for *mec-7*. The axes and data points are identical to the other plots. The color scale on the right indicates values from 0 (light gray) to 5 (dark blue). The pattern of high-value clusters is consistent across all four strains.

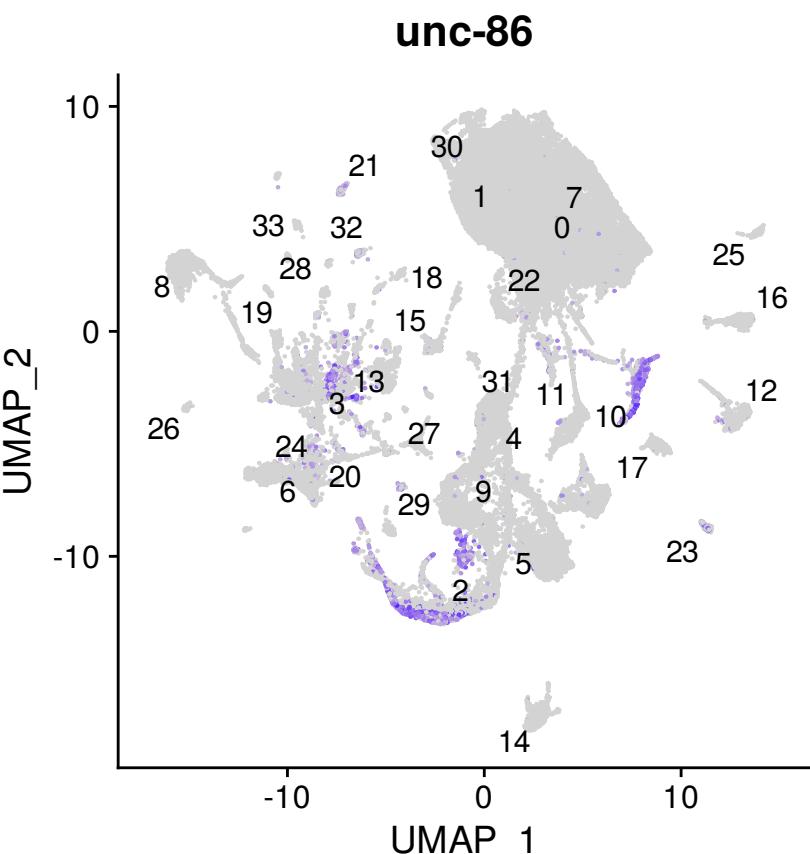
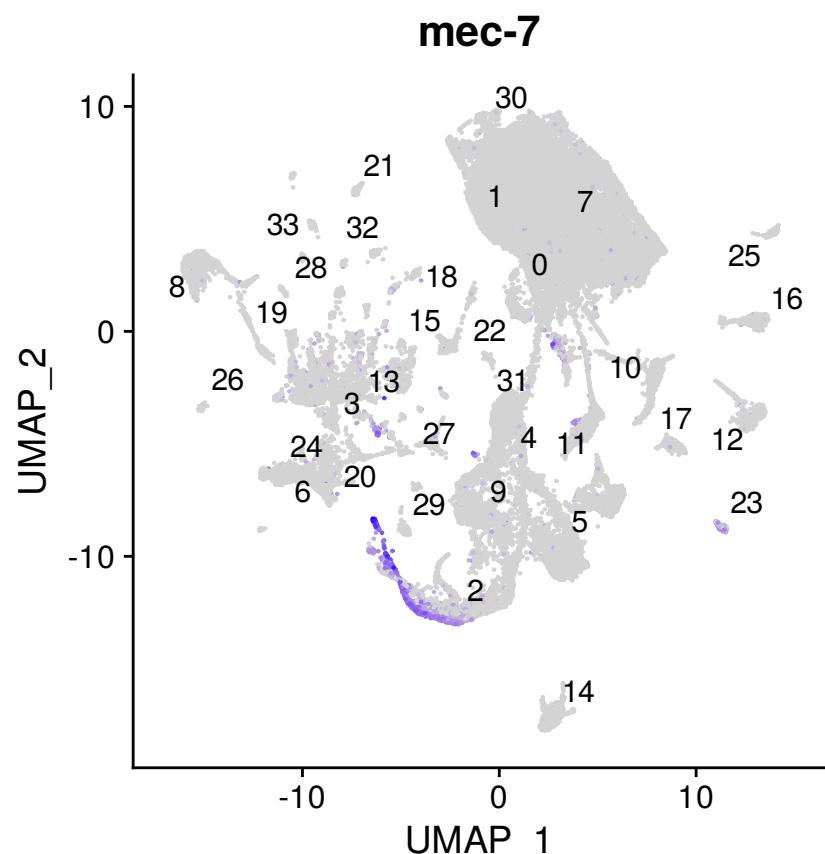
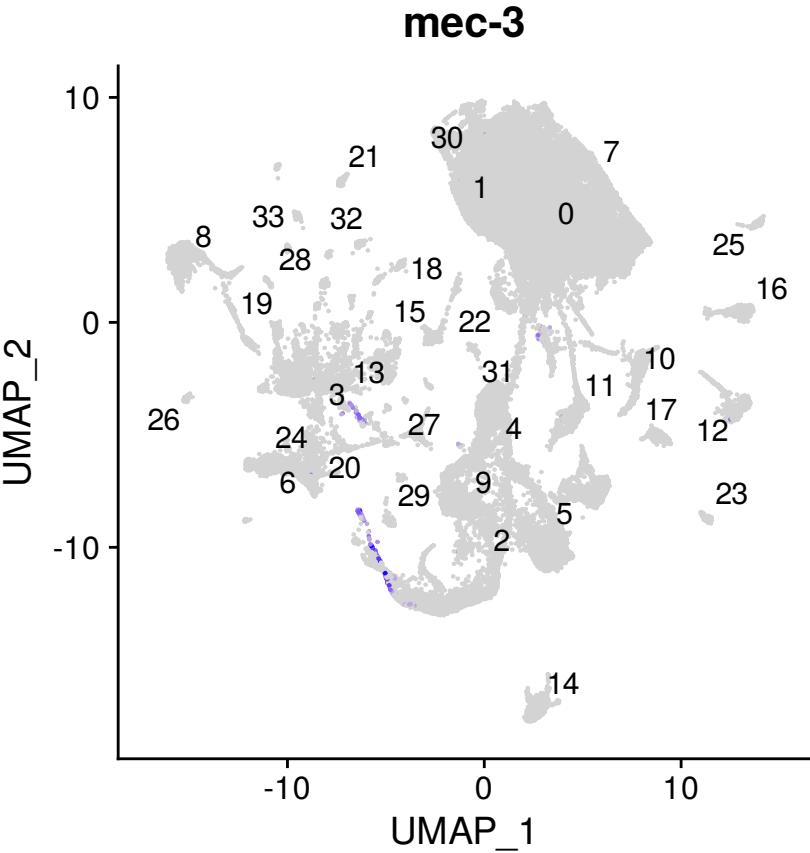
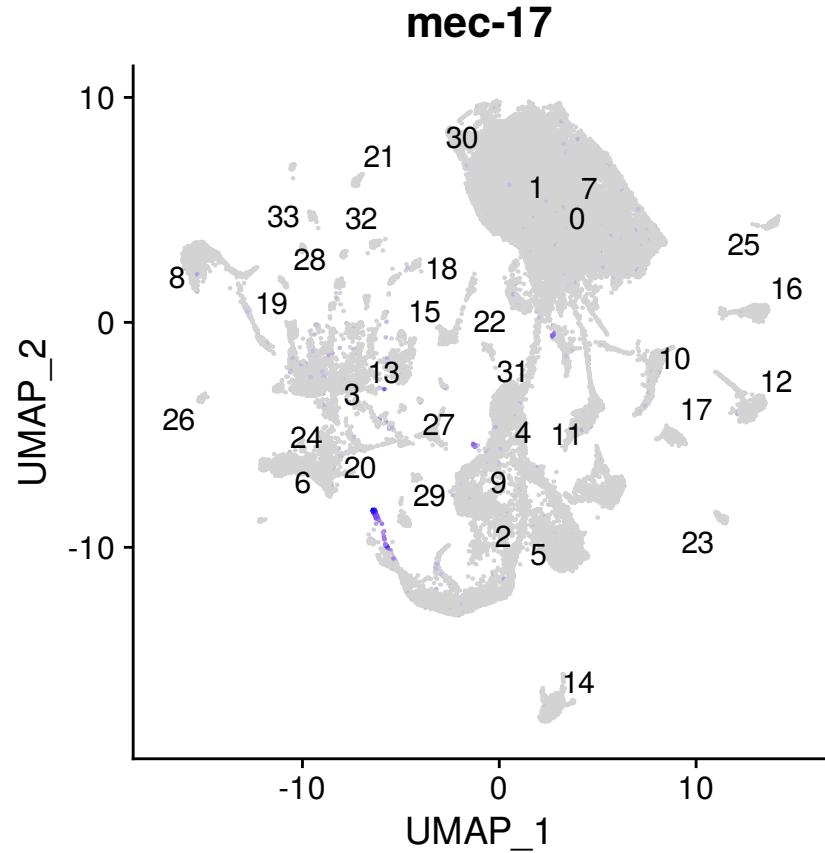
**unc-86**

UMAP plot showing the distribution of ALM\_BDU markers for *unc-86*. The axes and data points are identical. The color scale on the right indicates values from 0 (light gray) to 3 (dark blue). The distribution shows higher values in the same clusters as the other strains.

**unc-62**

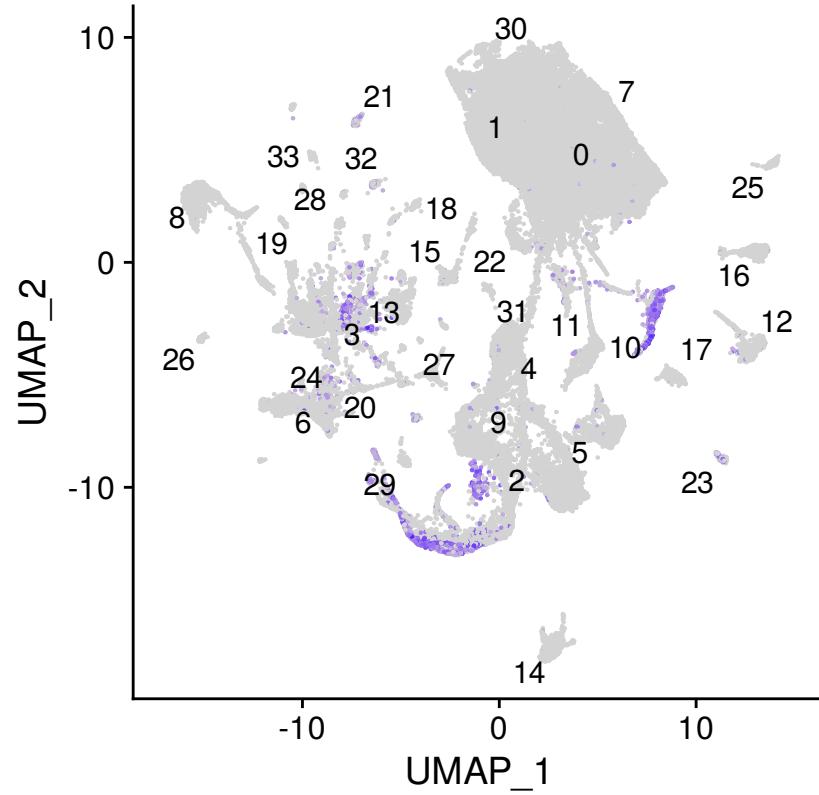
UMAP plot showing the distribution of ALM\_BDU markers for *unc-62*. The axes and data points are identical. The color scale on the right indicates values from 0 (light gray) to 2 (dark blue). The pattern of high-value clusters is consistent with the other strains.

# ALM\_PLM markers

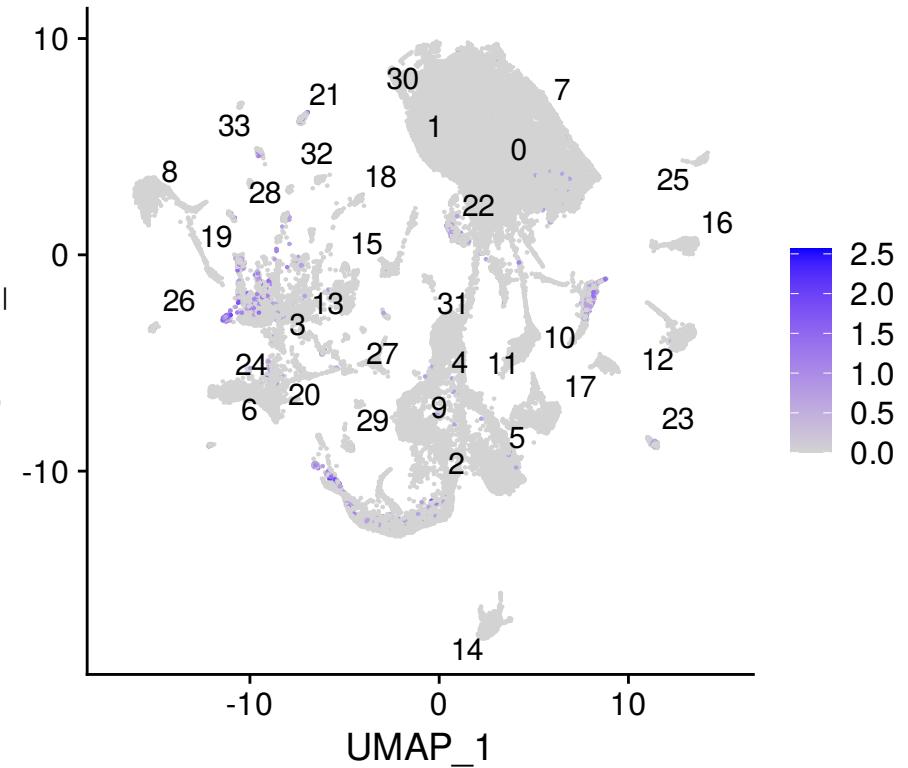


# ALN markers

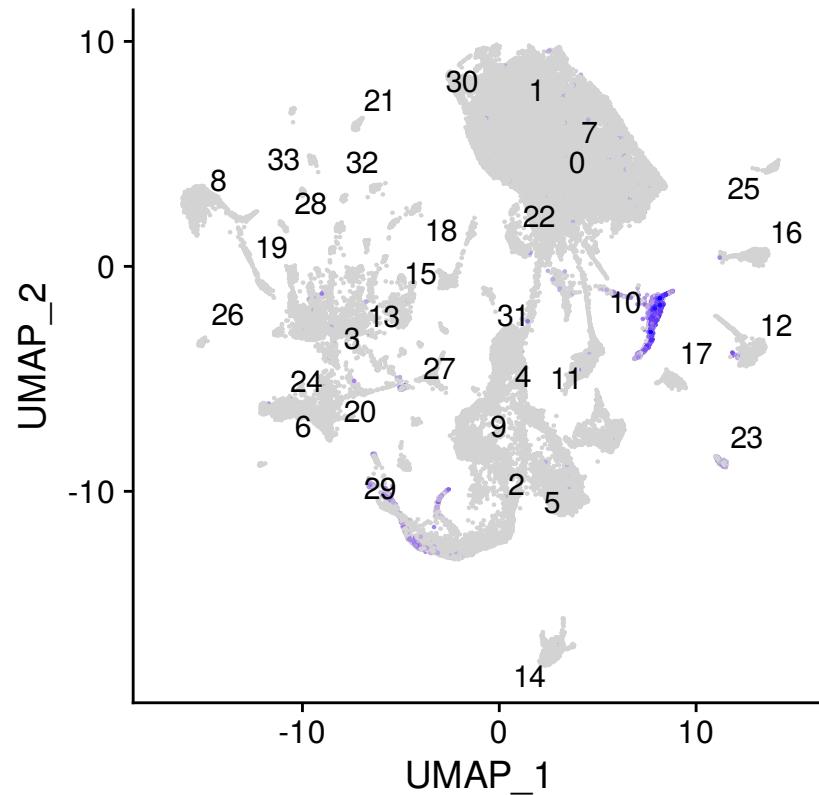
**unc-86**

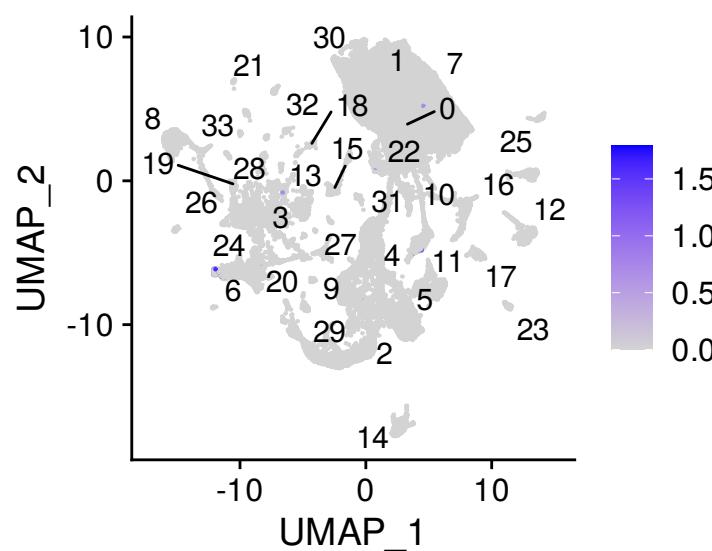
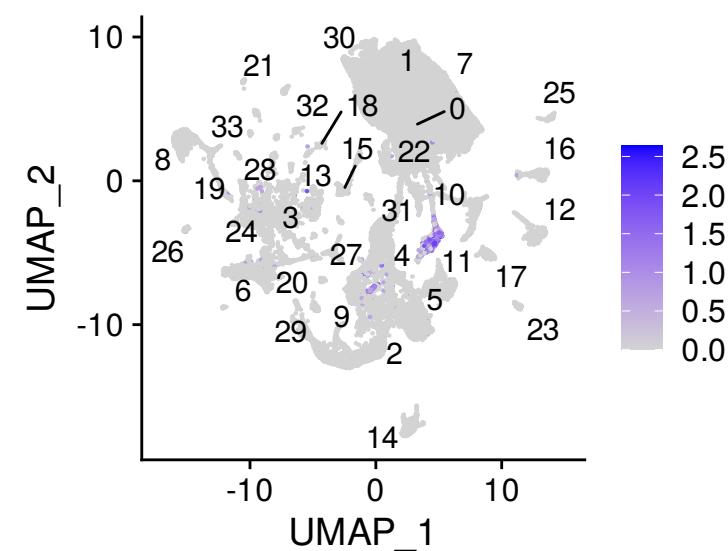
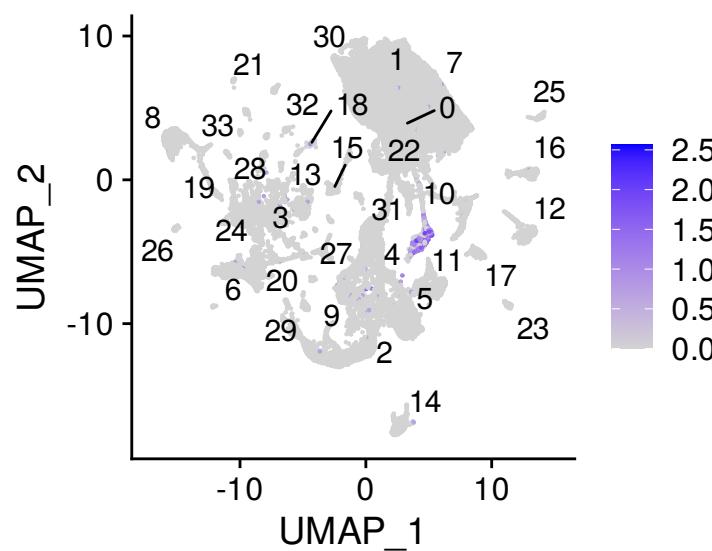
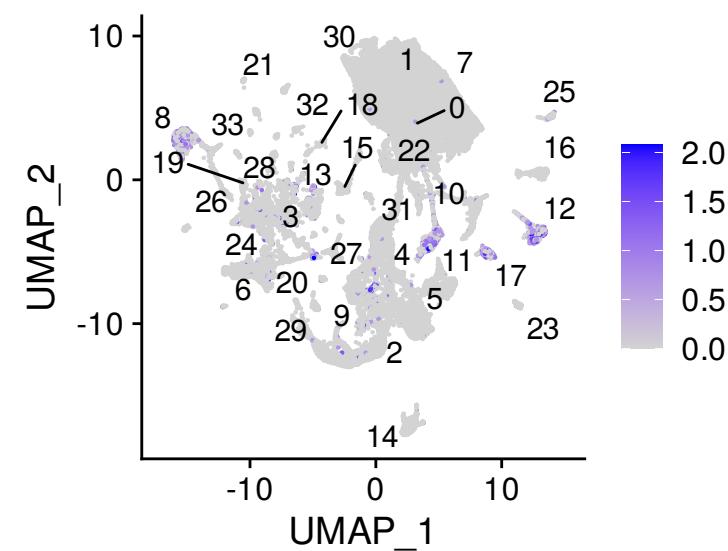
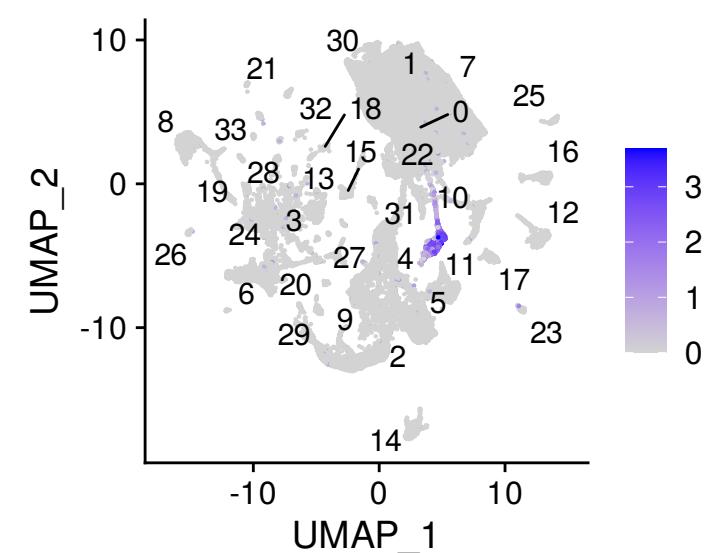
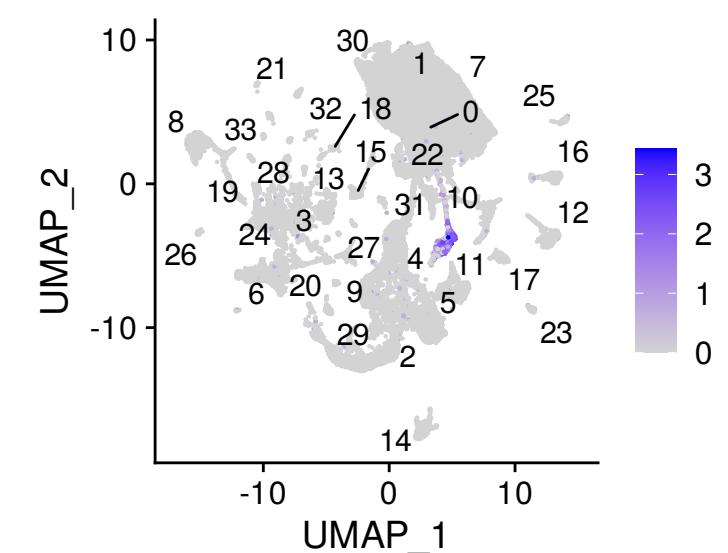


**lad-2**

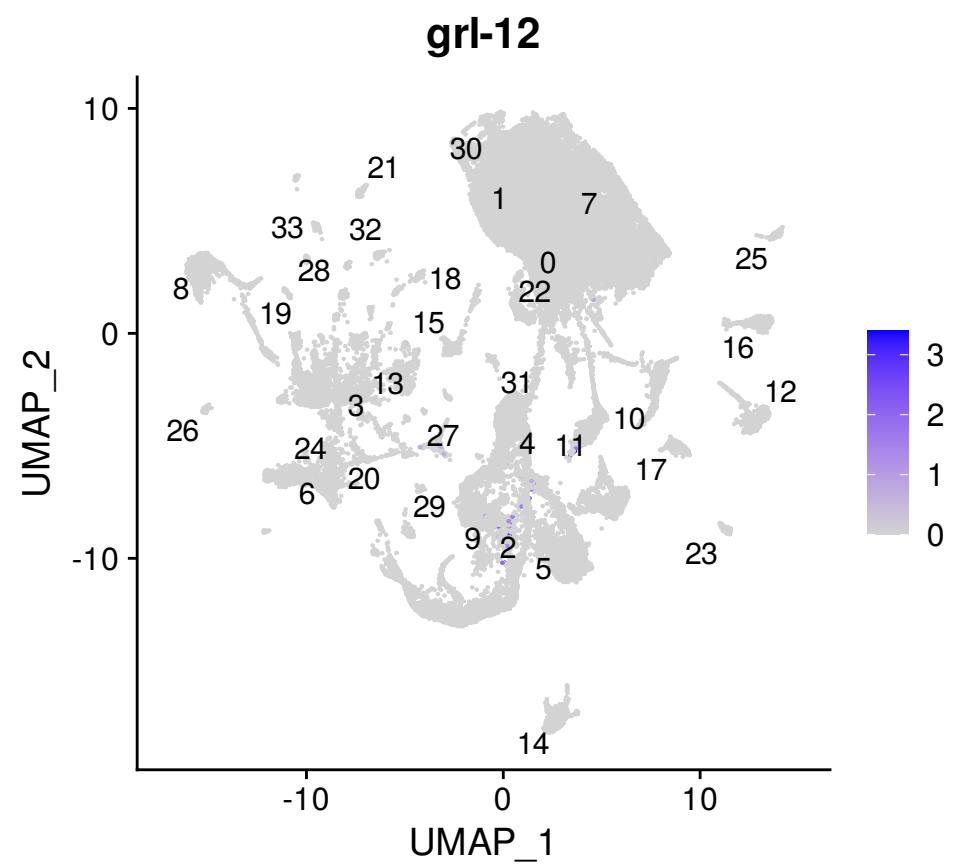
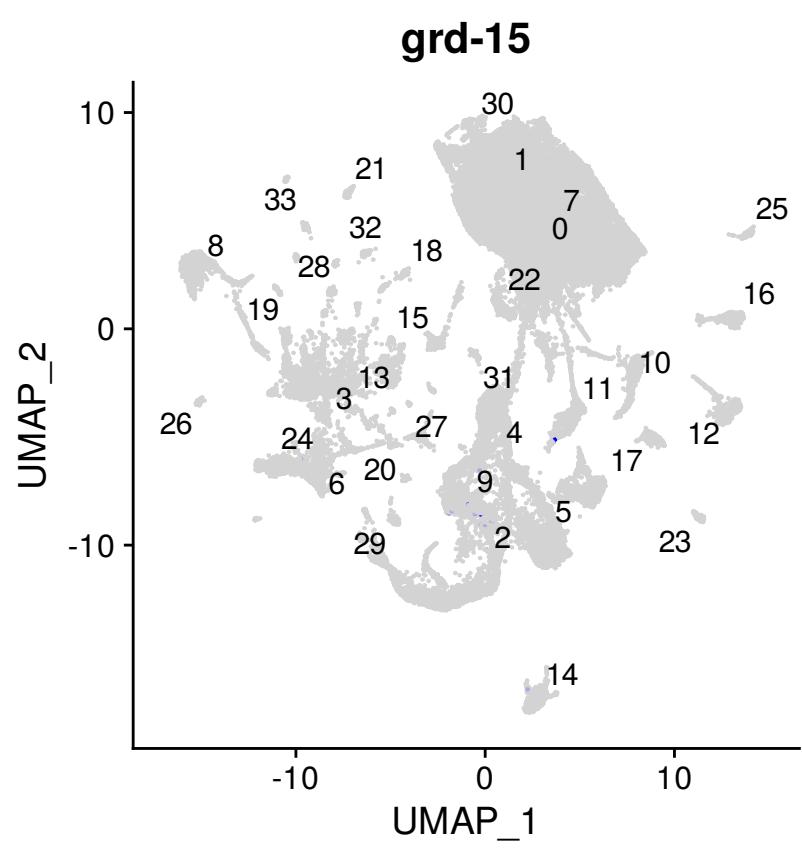


**gcy-35**

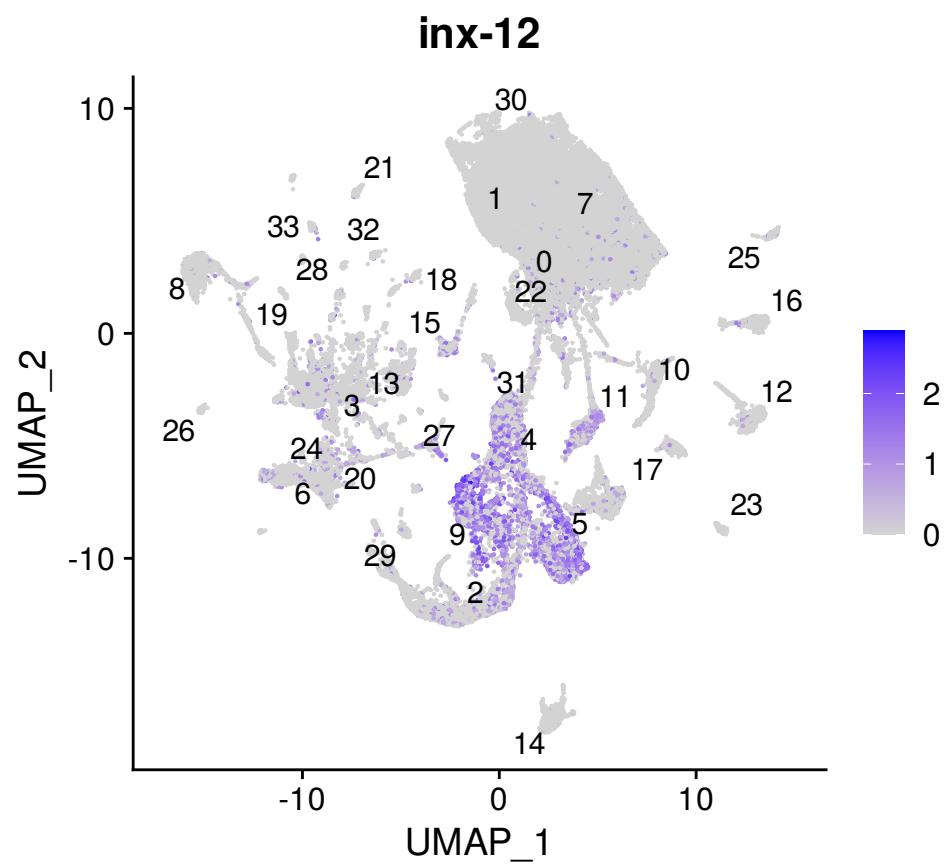


**AMsh markers****aff-1****kcc-3****nas-31****pros-1****F52E1.2****F16F9.3**

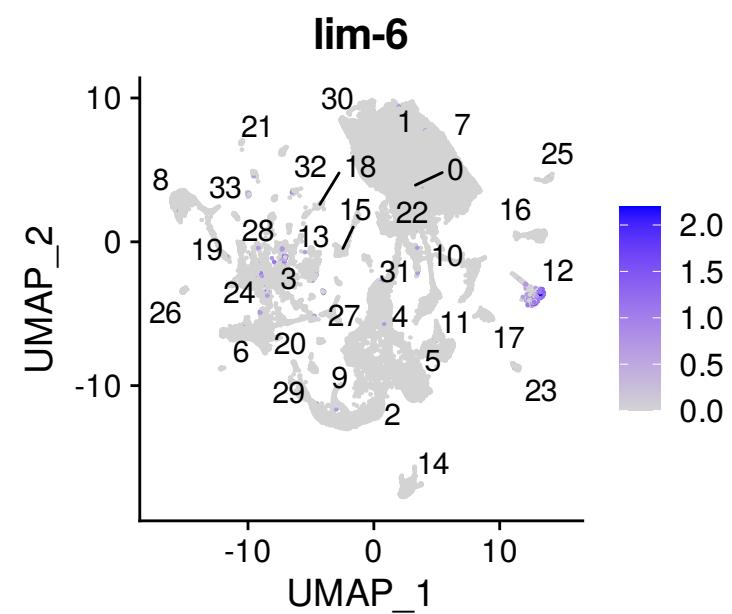
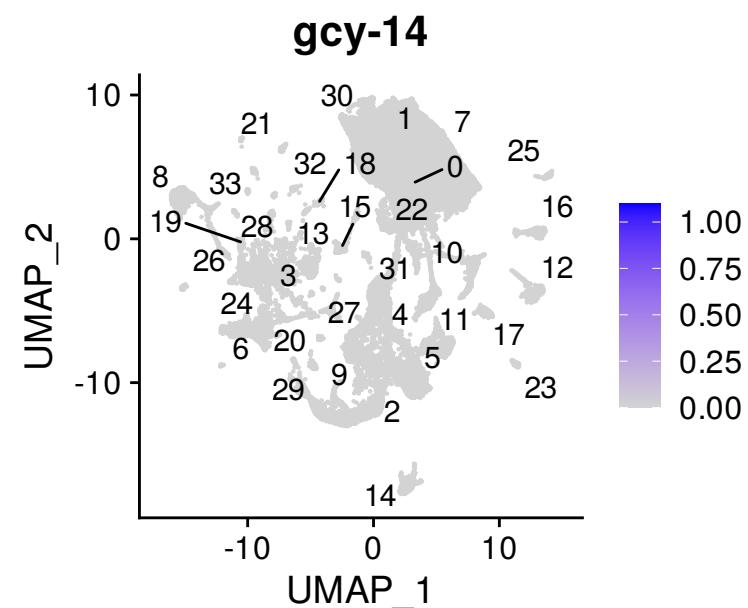
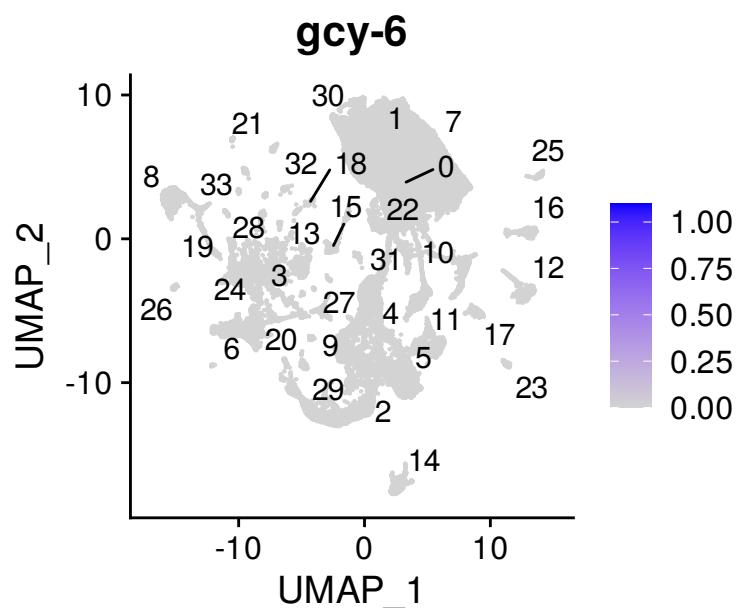
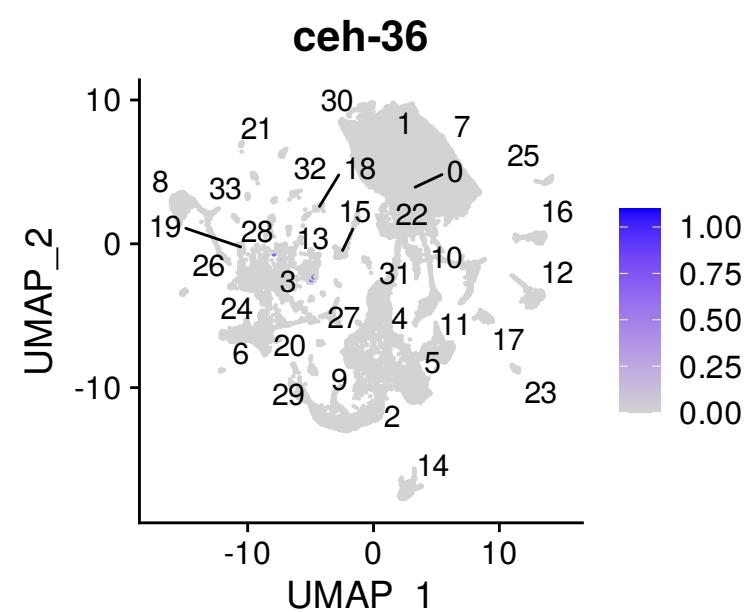
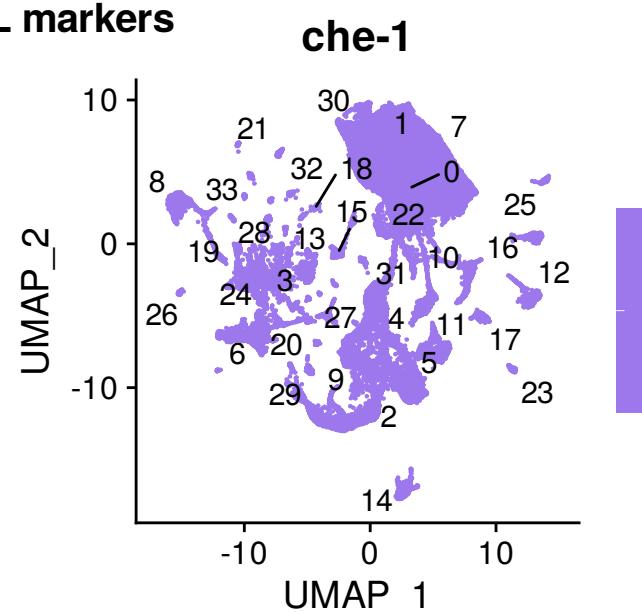
# AMso markers



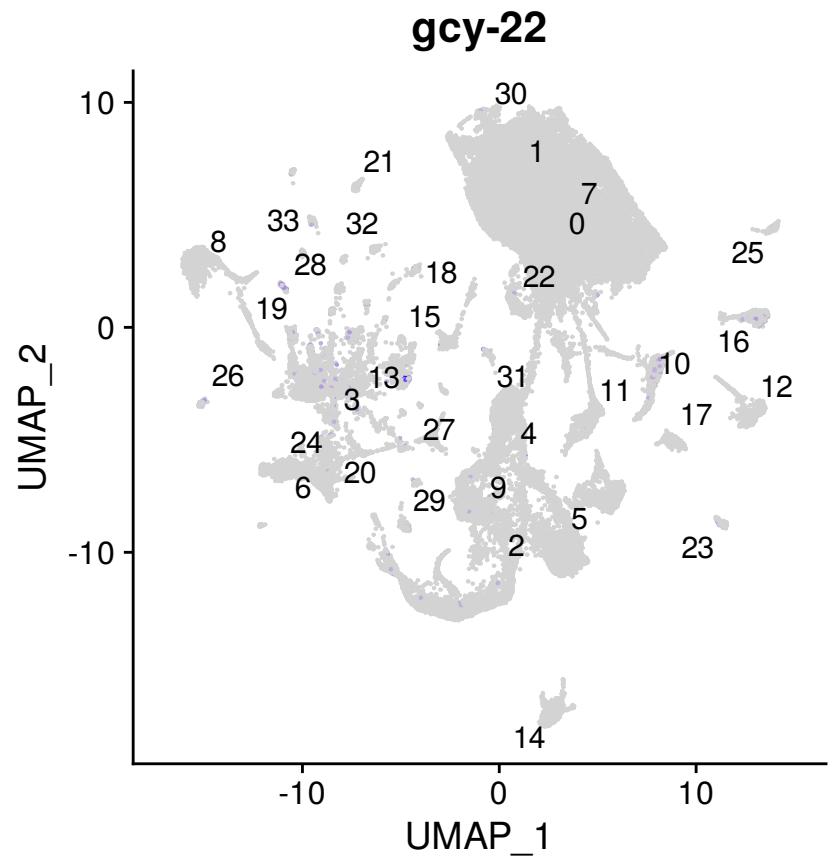
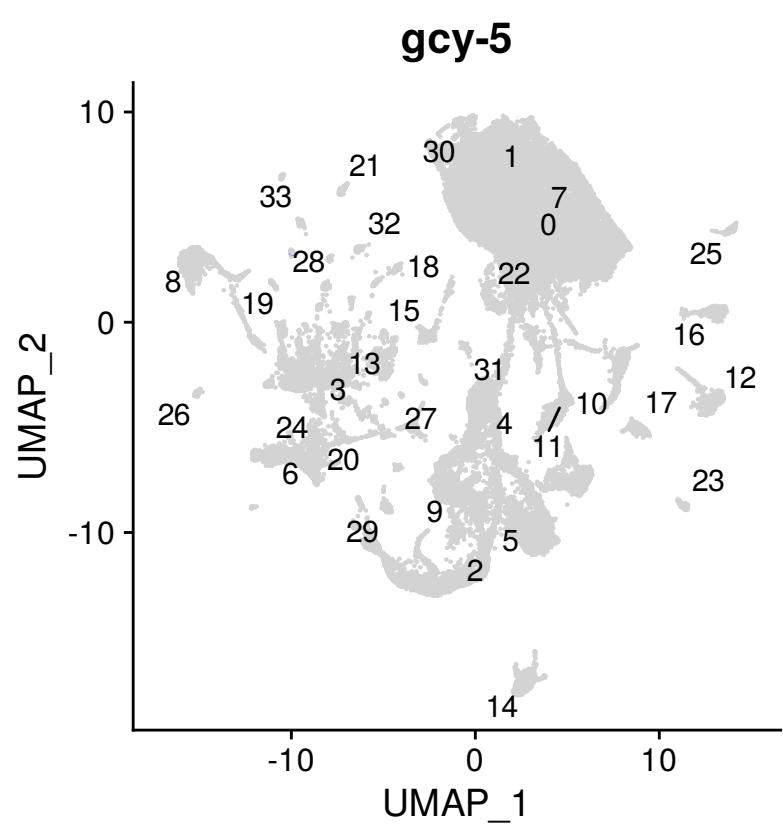
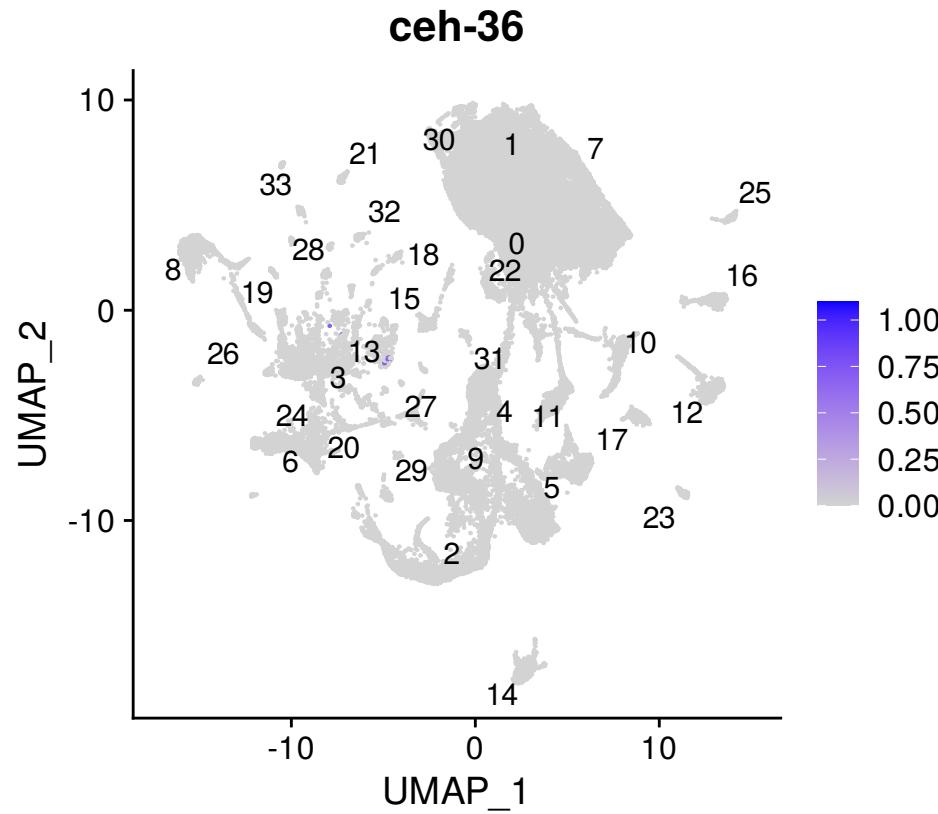
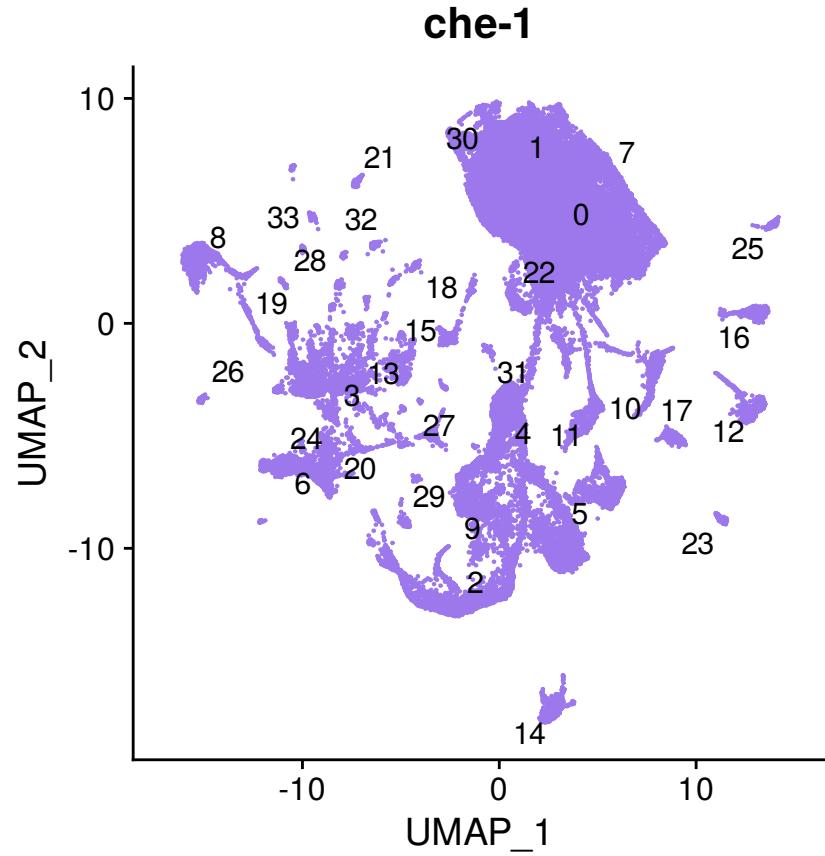
# **Anterior\_arcade\_cell markers**



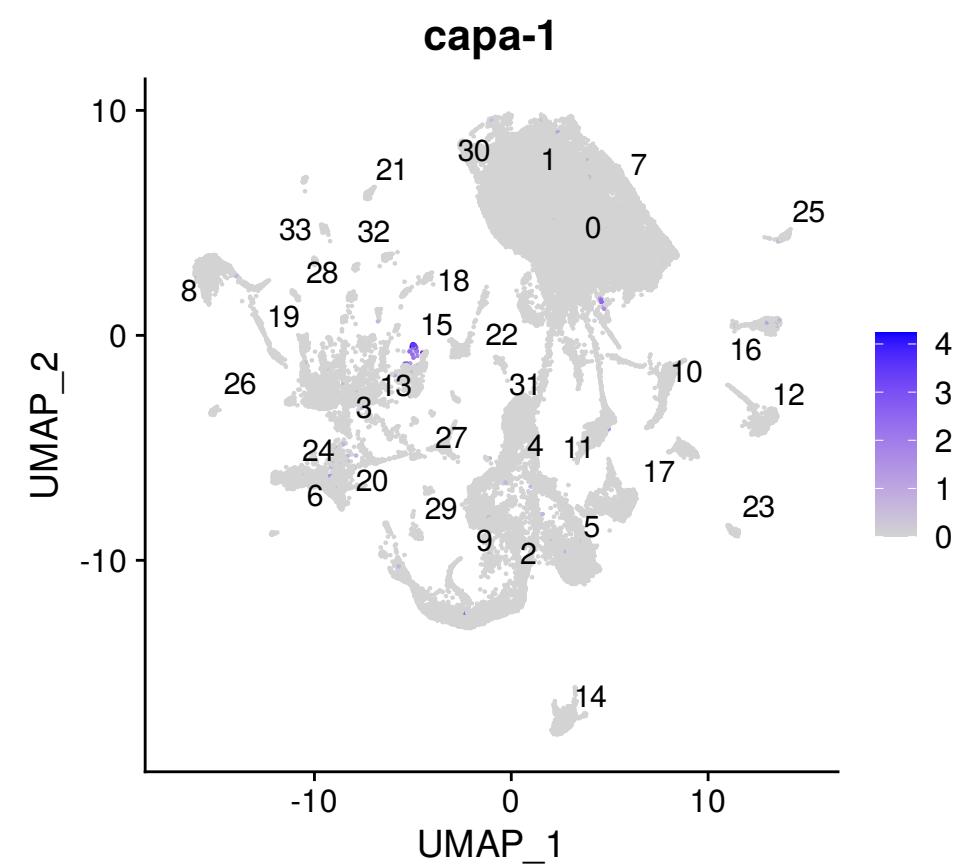
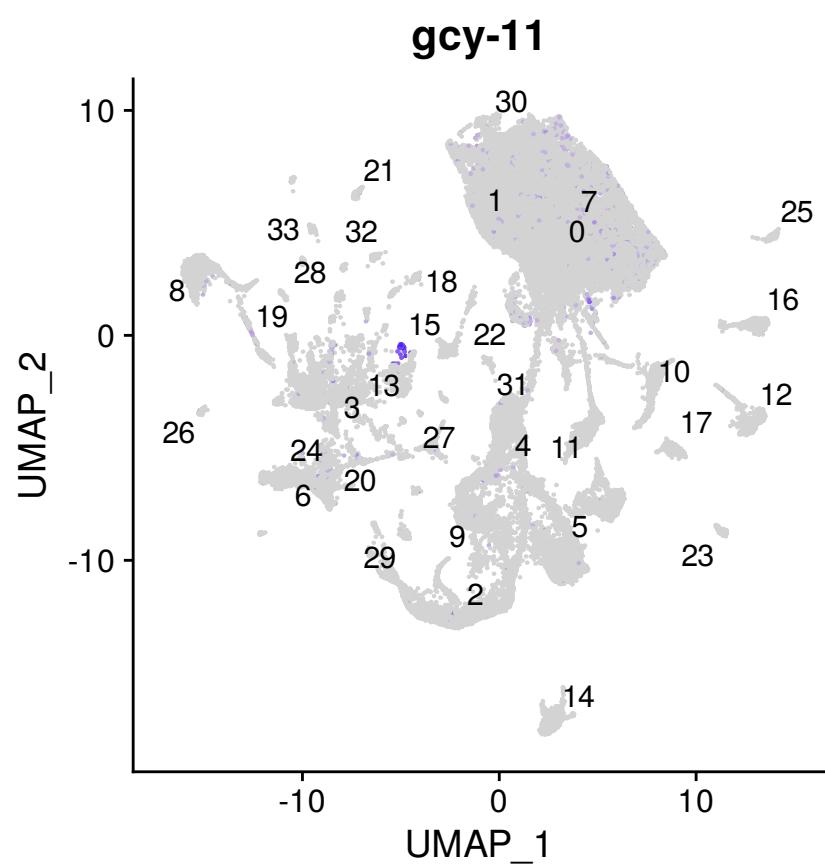
# ASEL markers

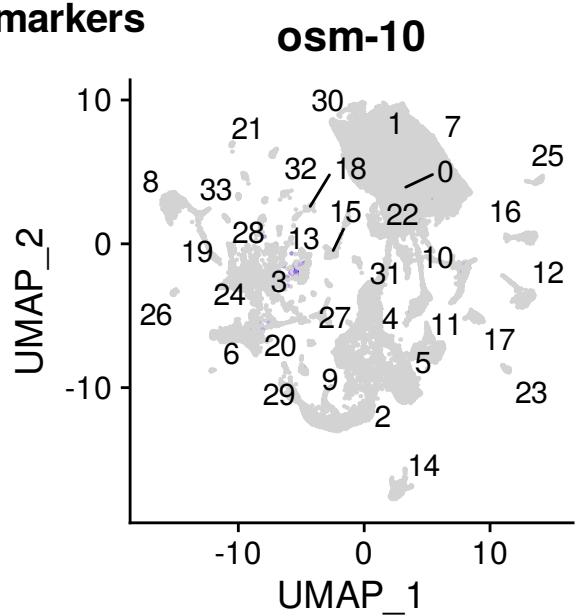
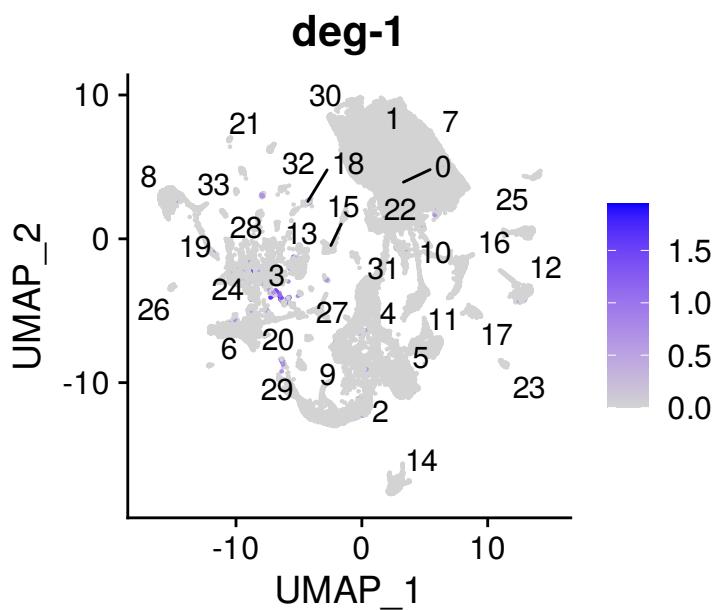
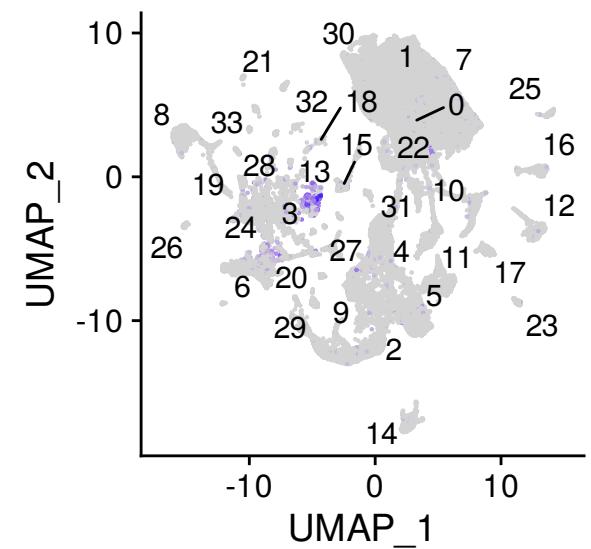
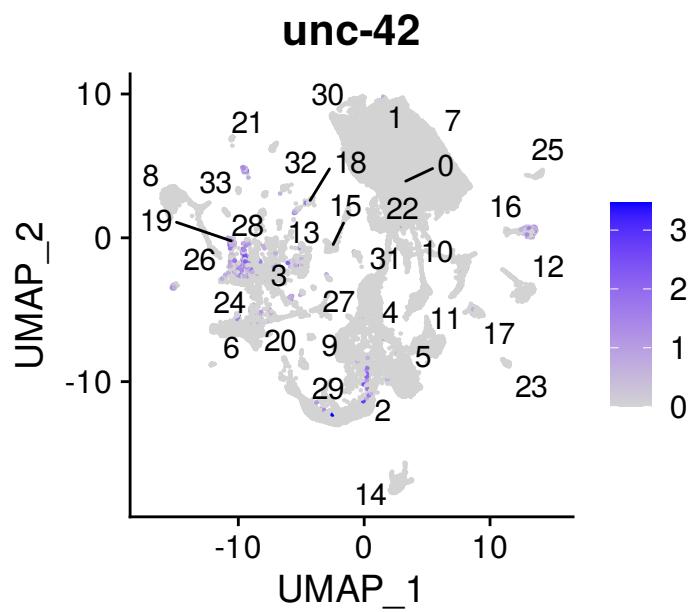
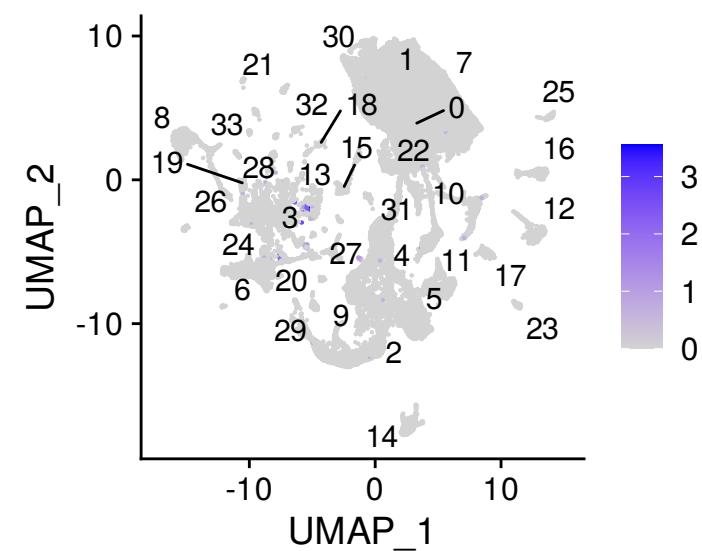


# ASER markers

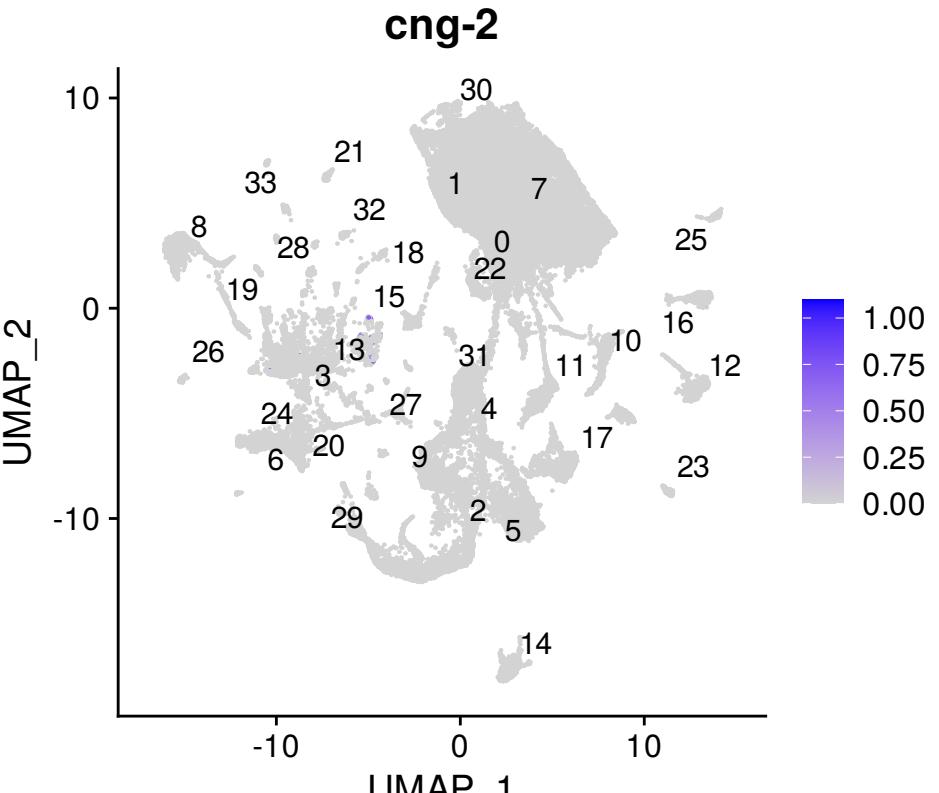
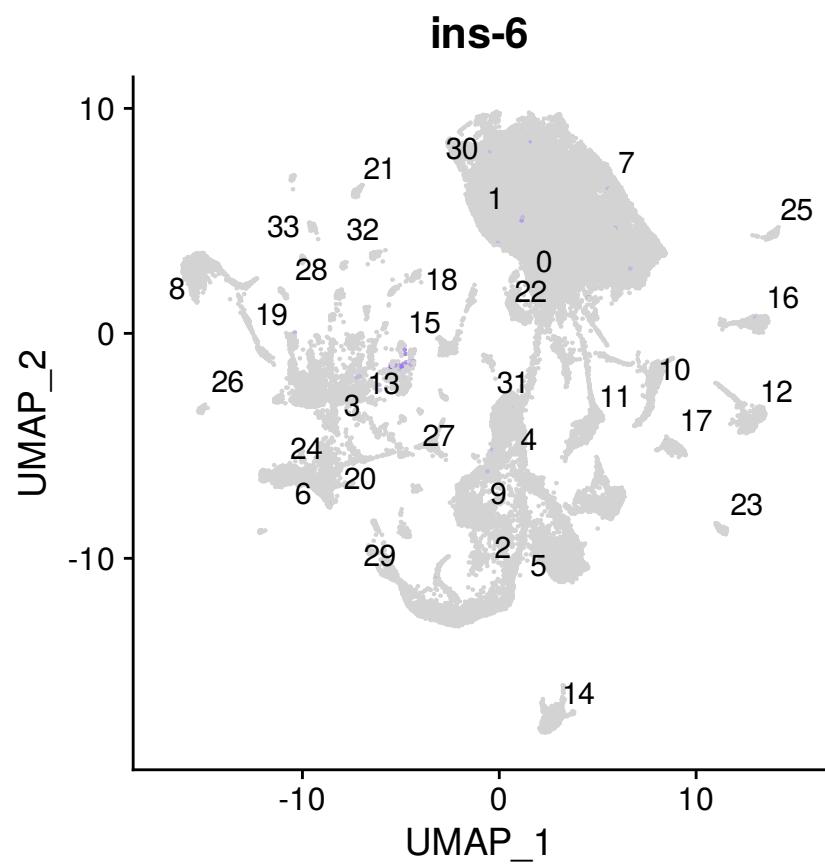


# ASG markers

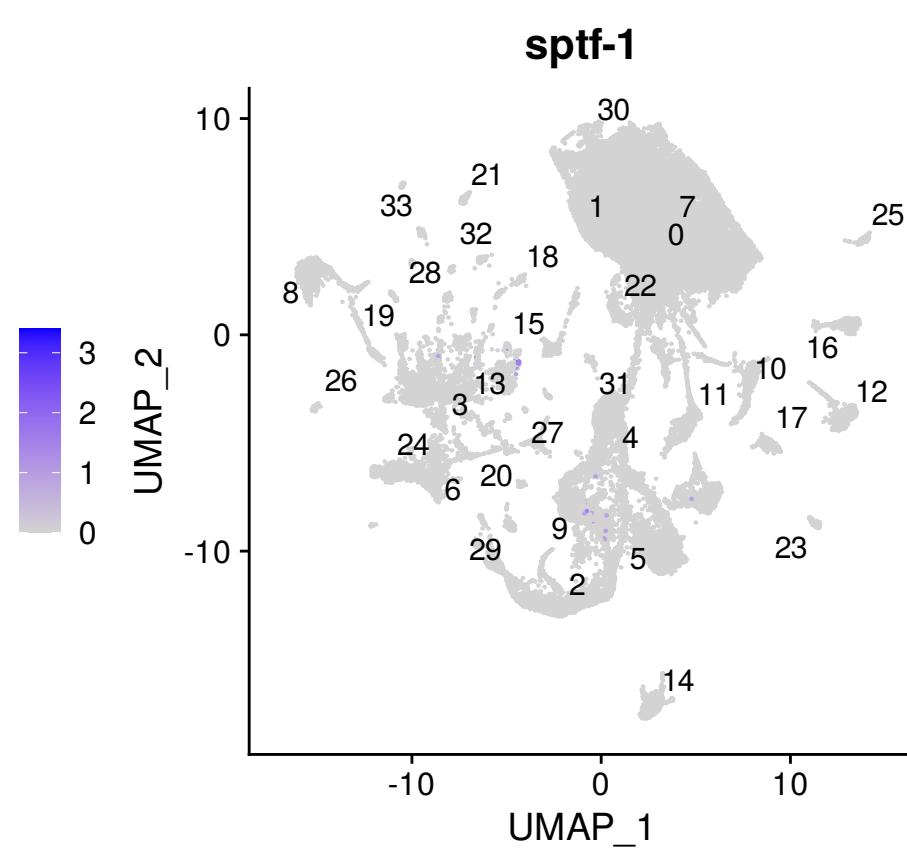
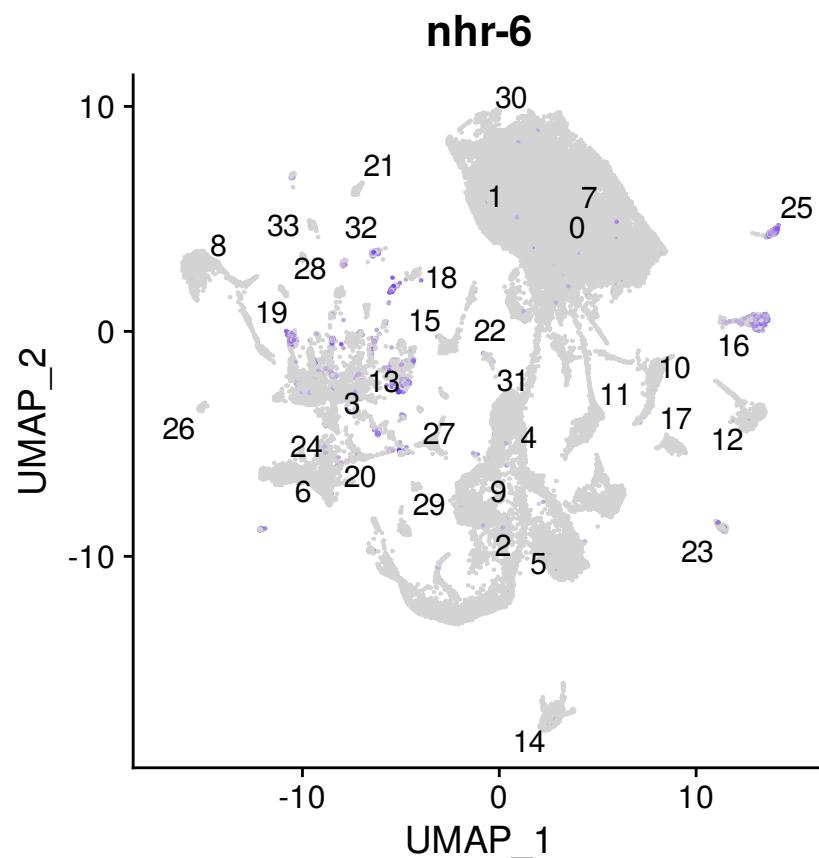
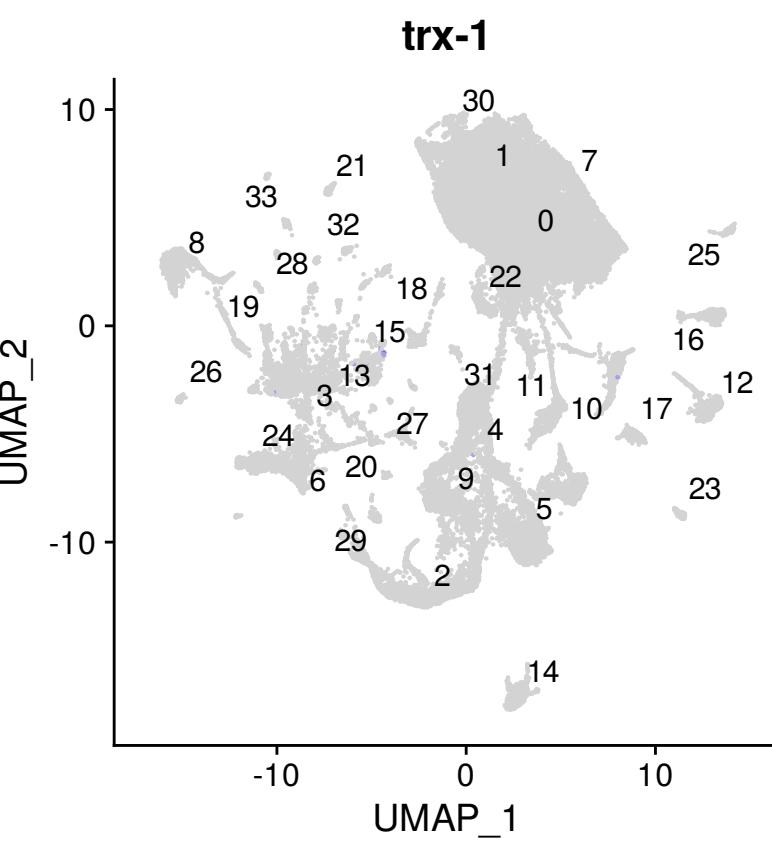
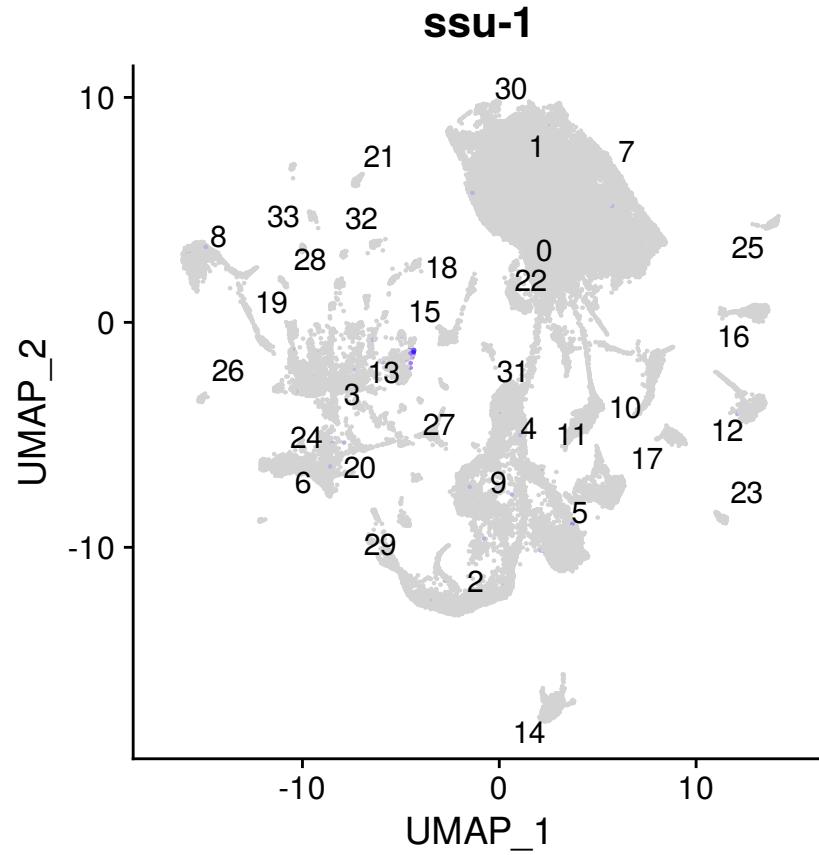


**ASH markers****R102.2****M04B2.6**

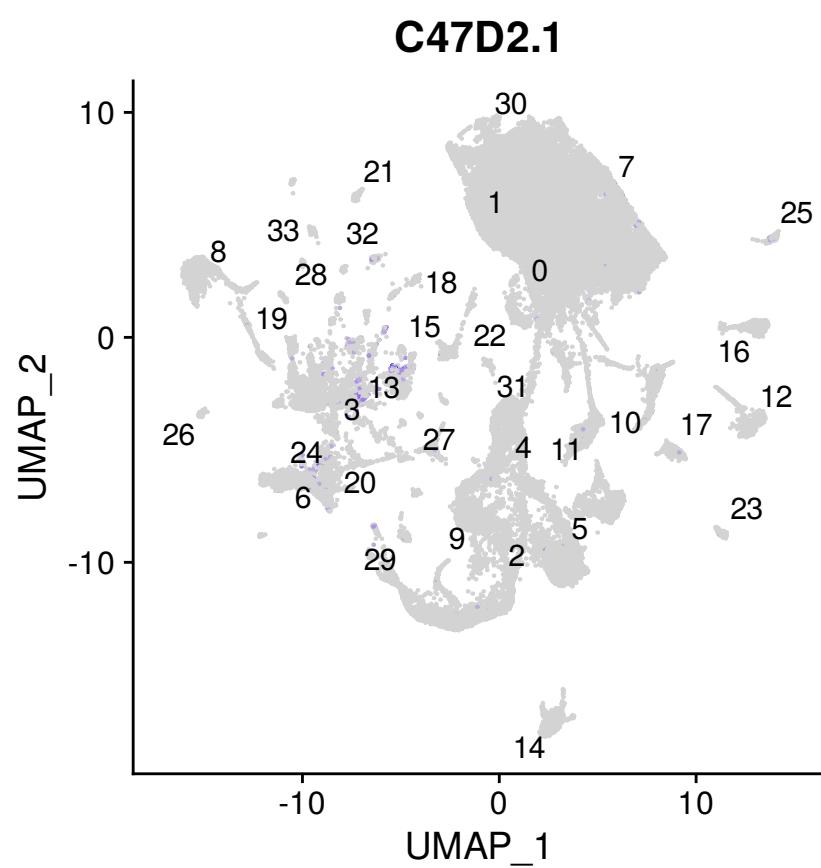
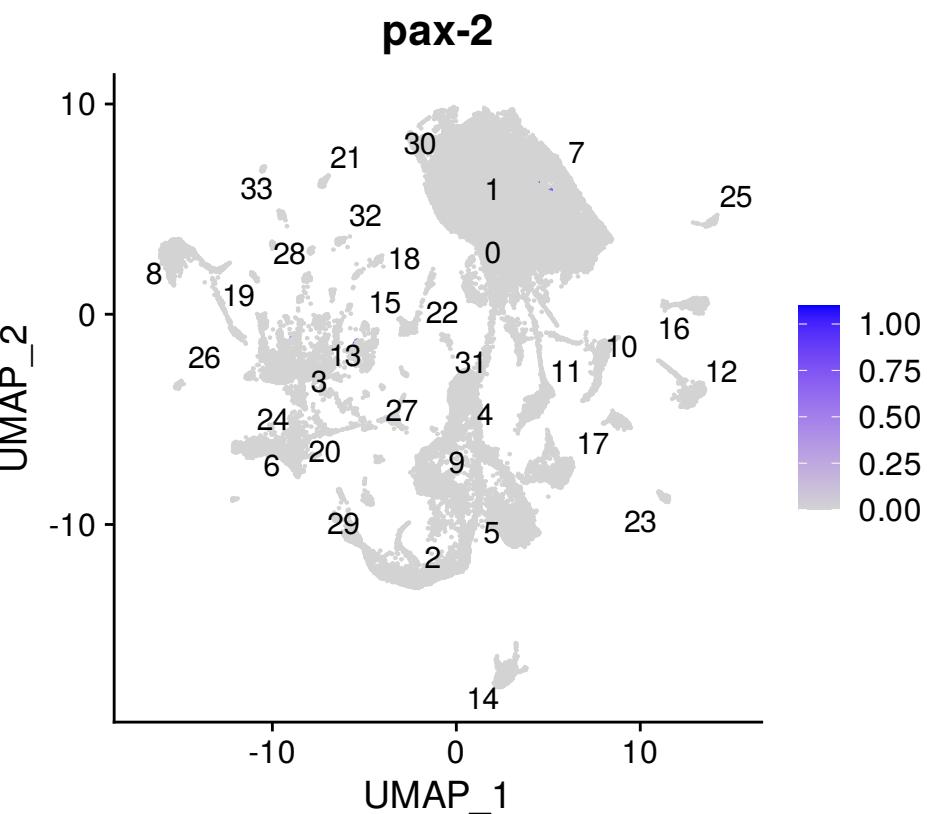
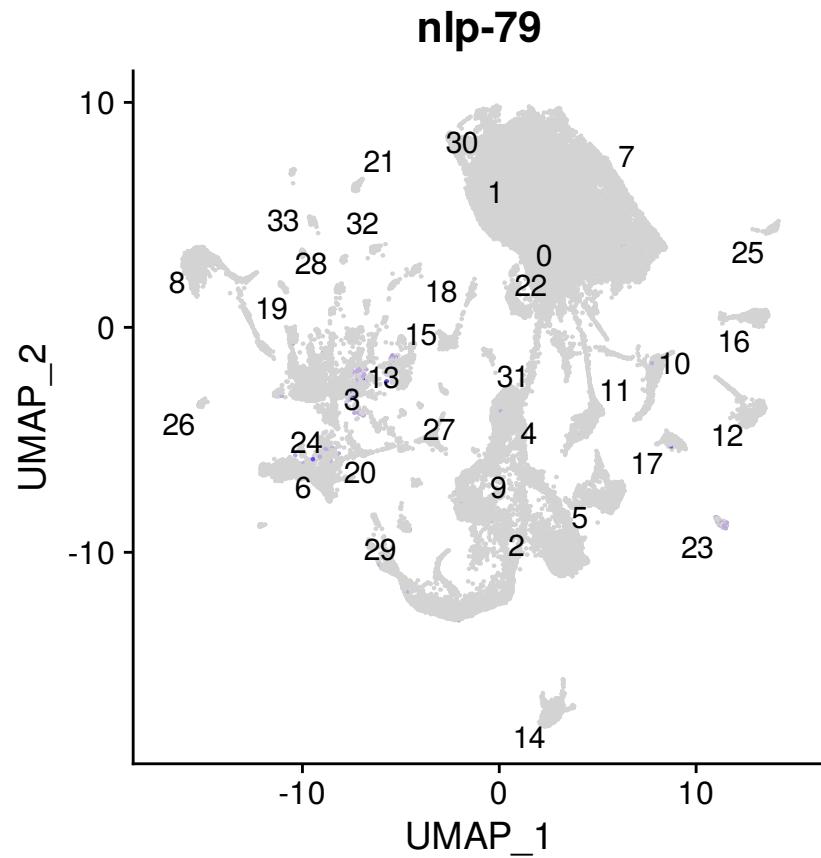
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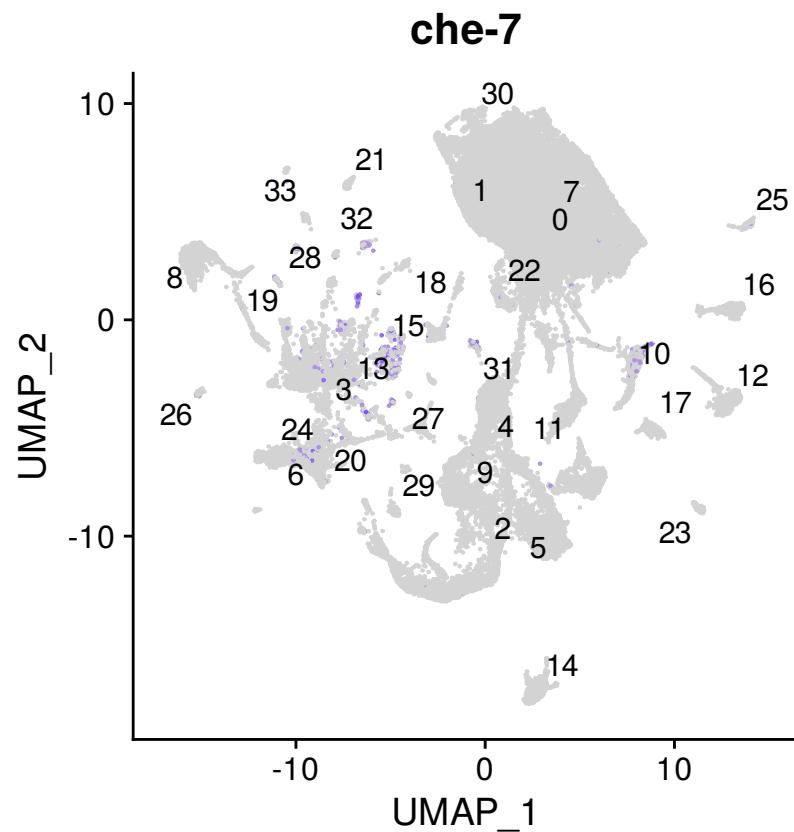
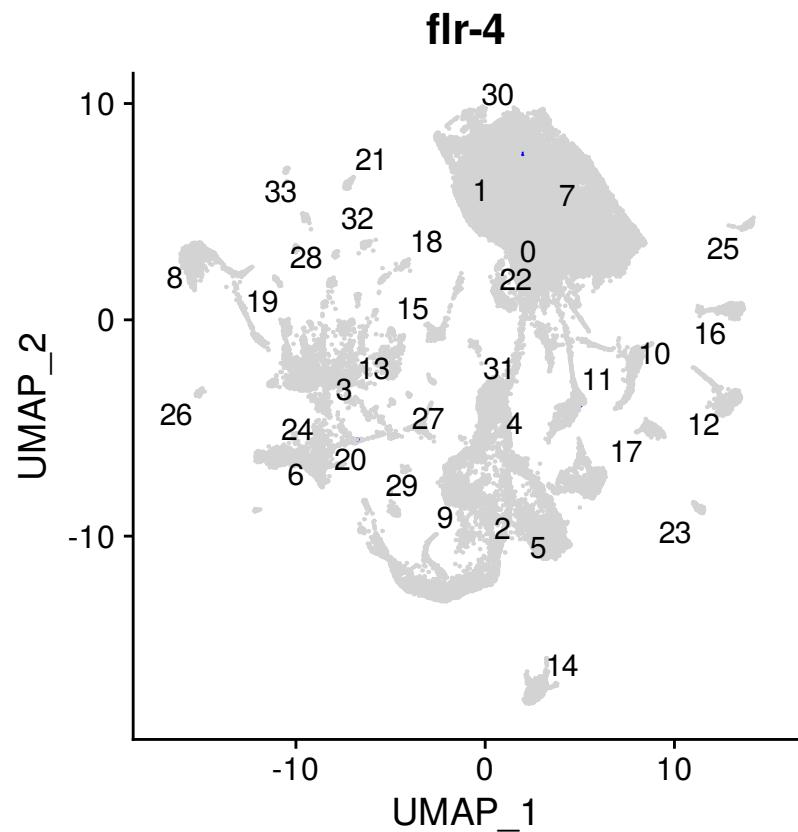
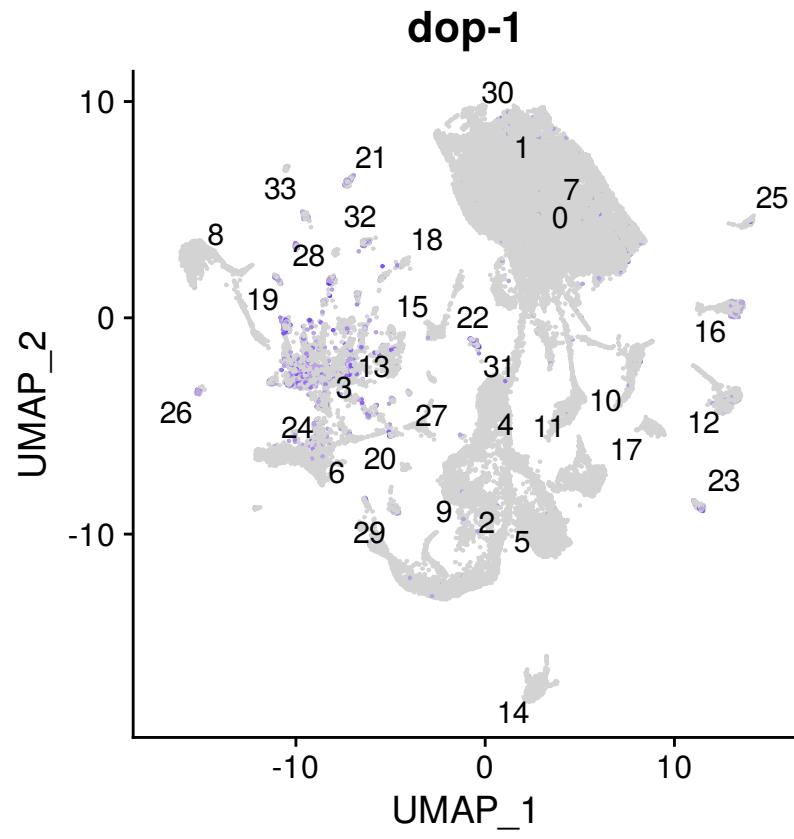
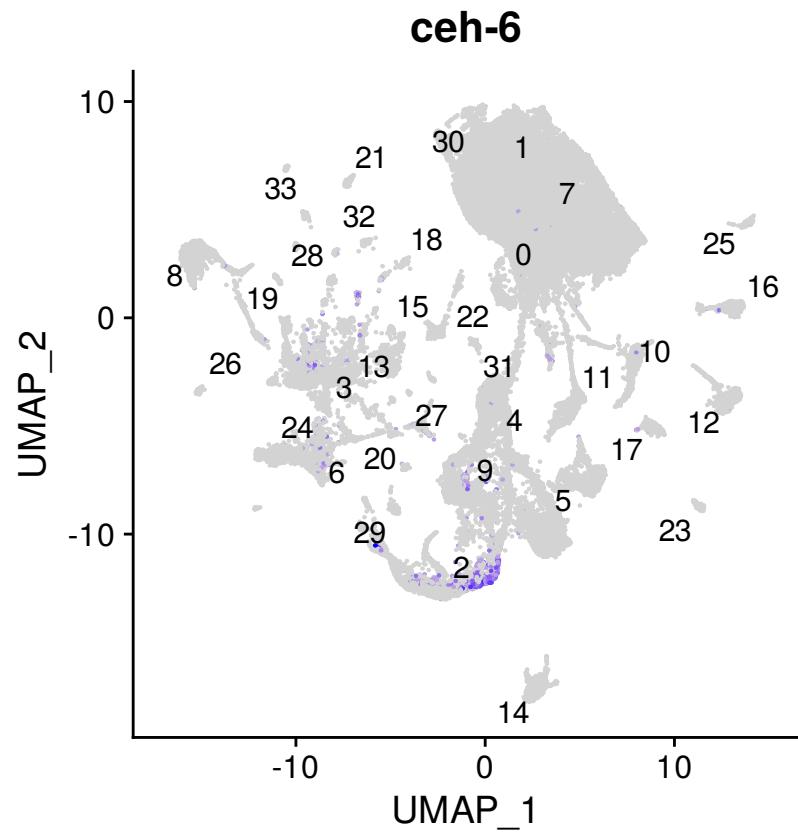
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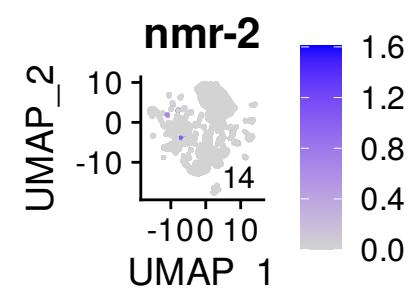
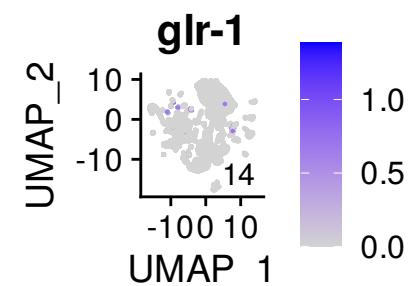
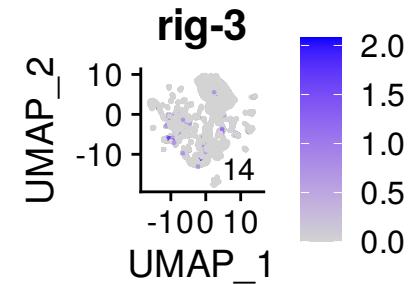
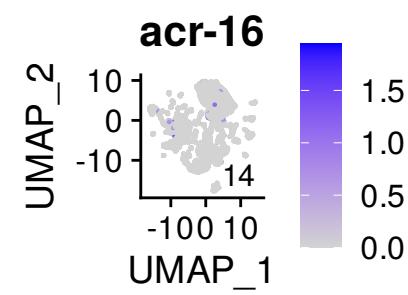
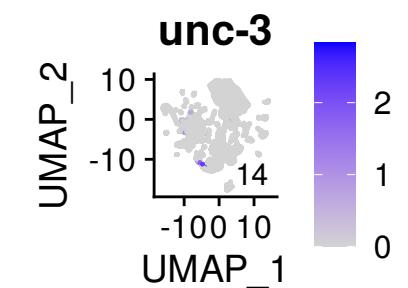
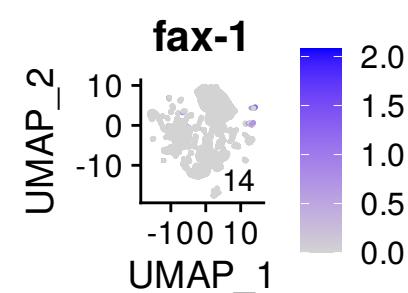
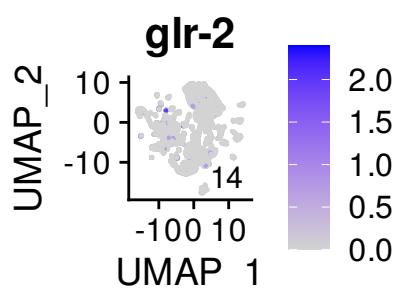
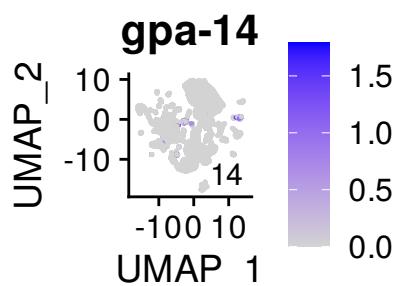
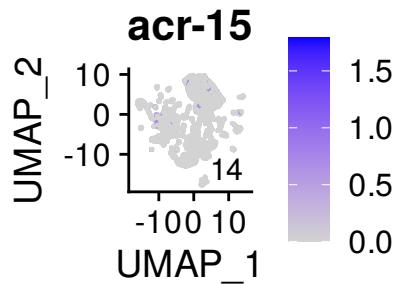
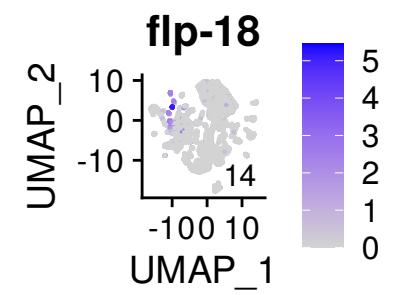
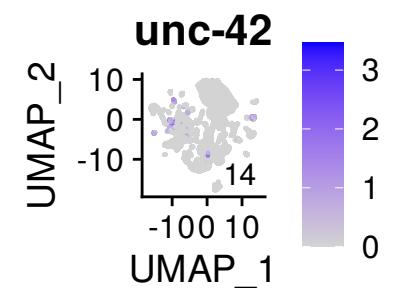
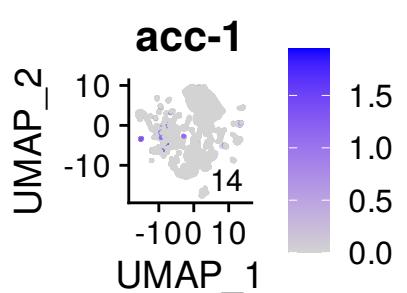


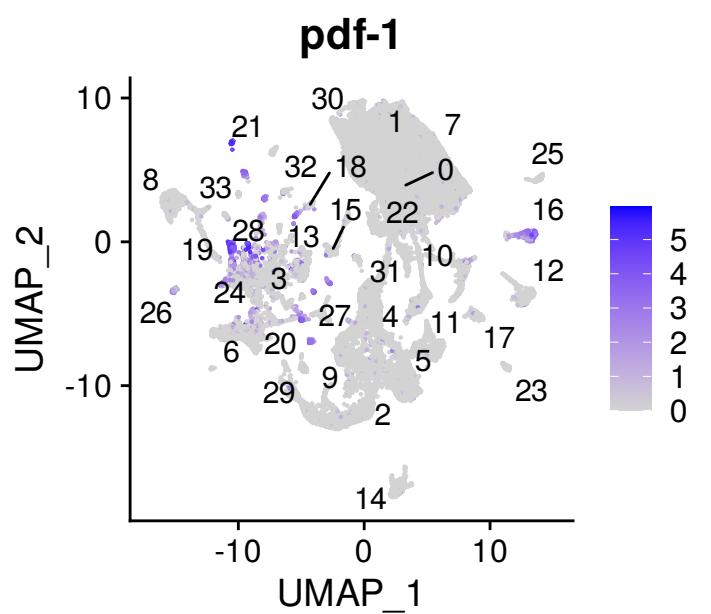
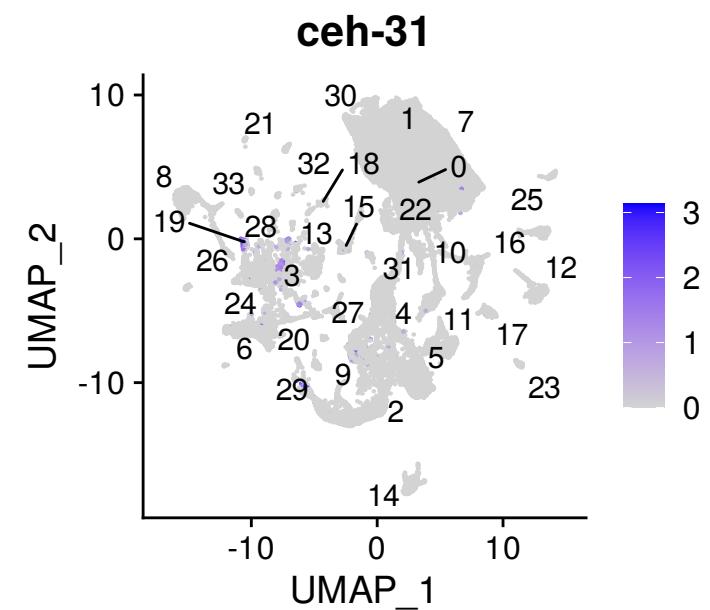
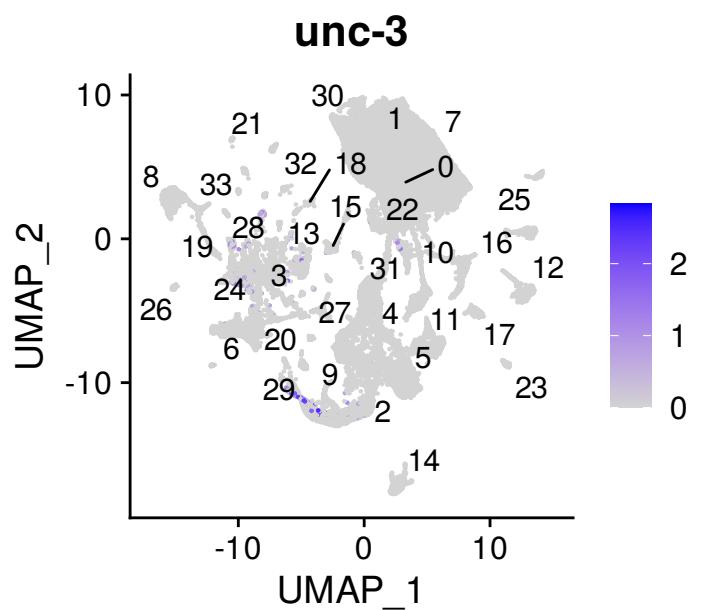
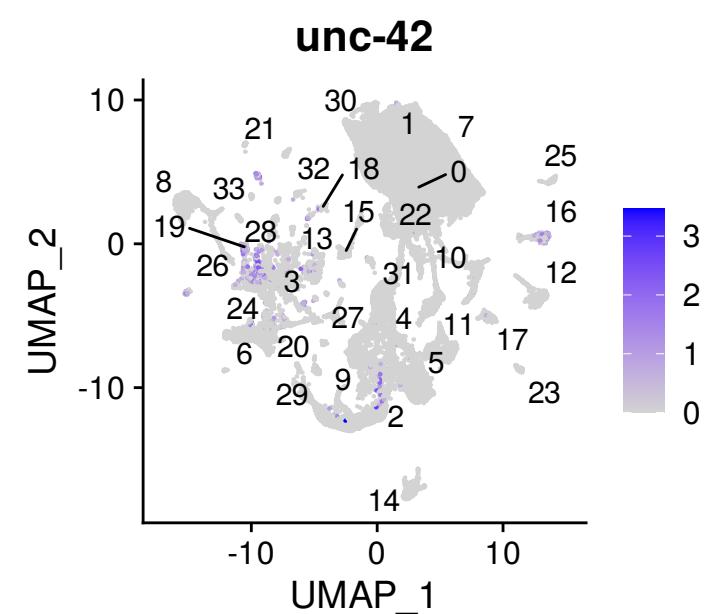
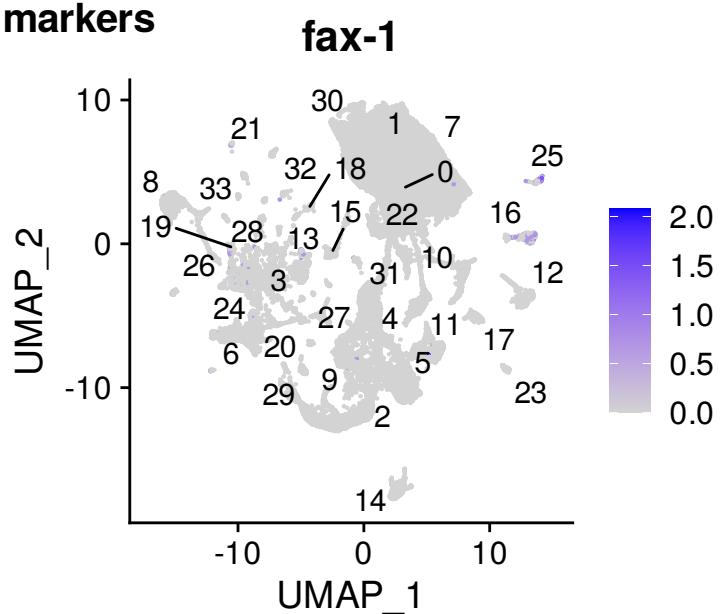
# ASK markers

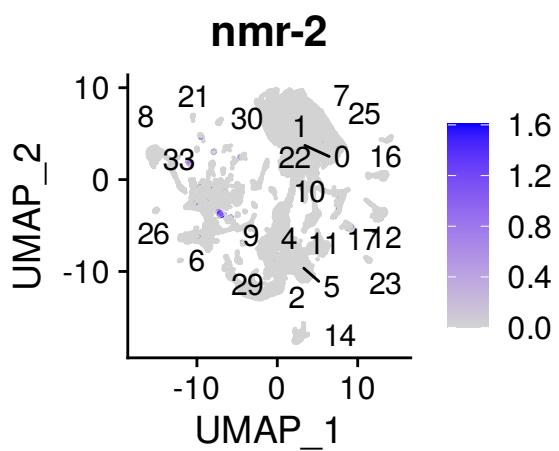
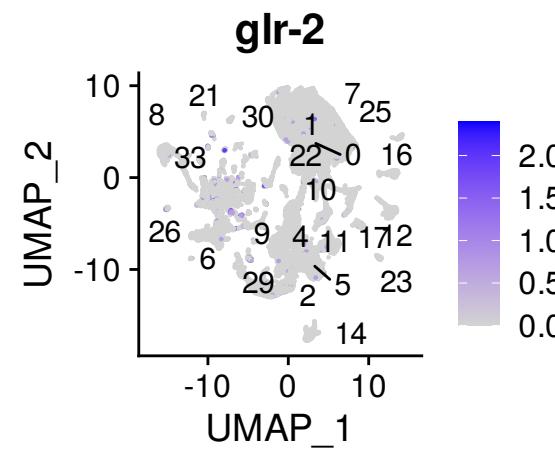
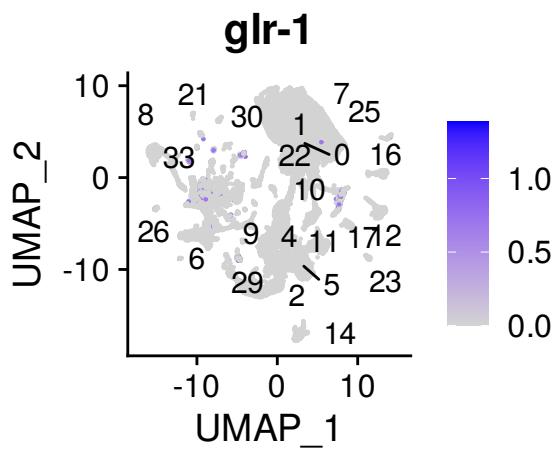
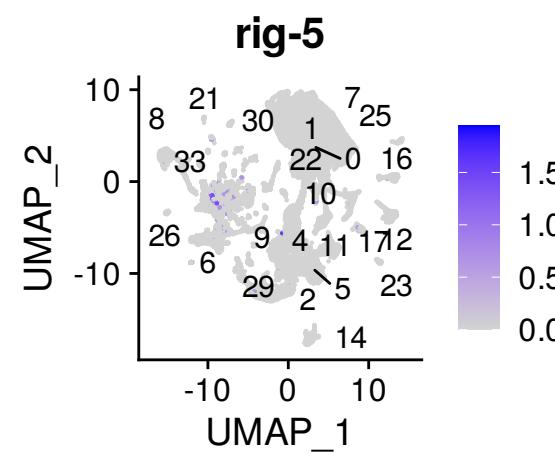
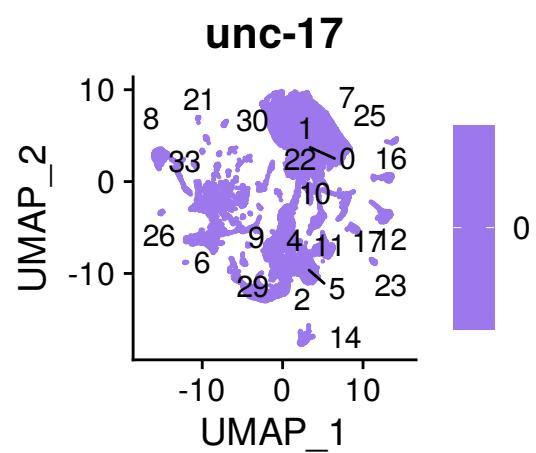
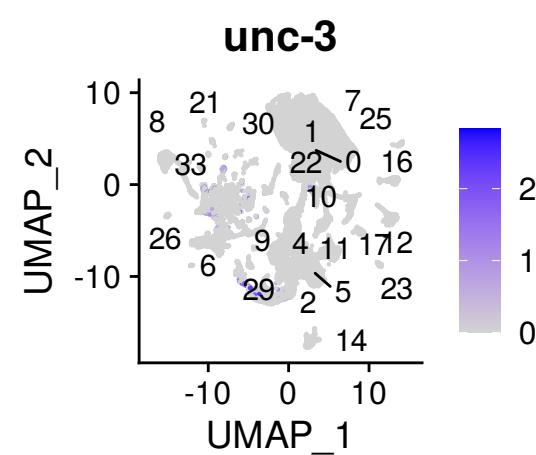
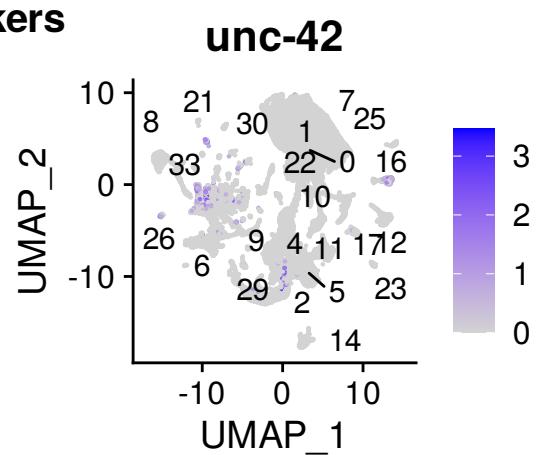


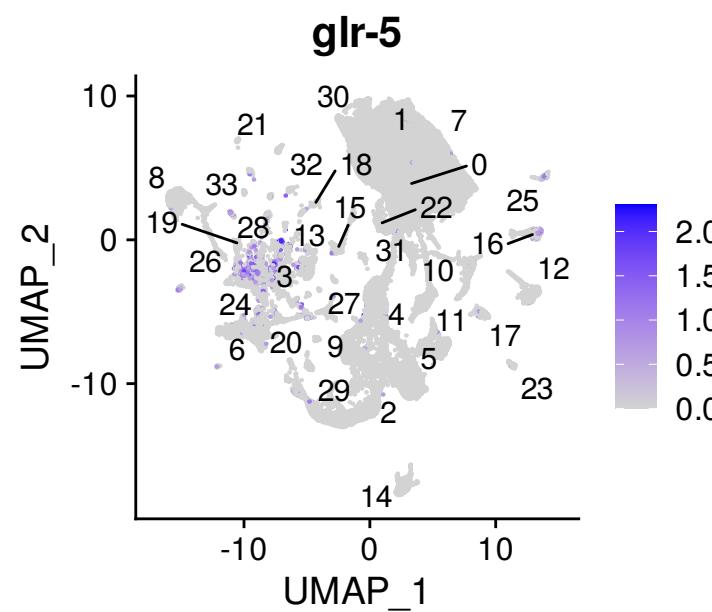
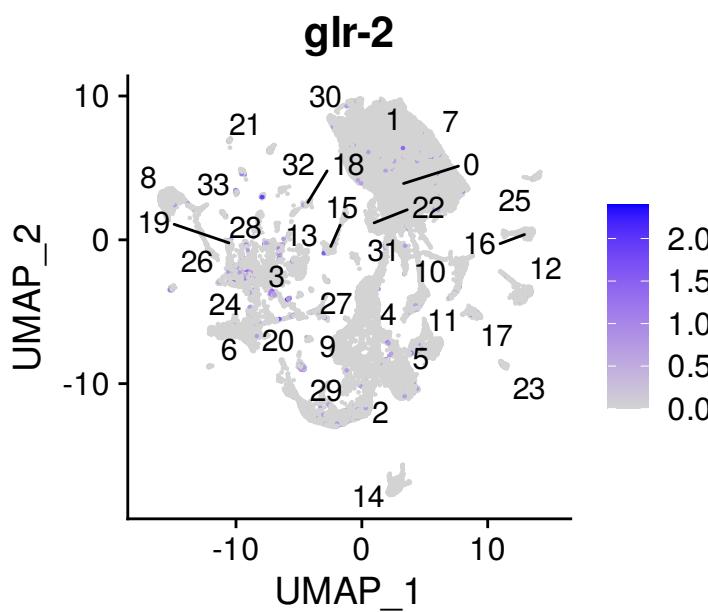
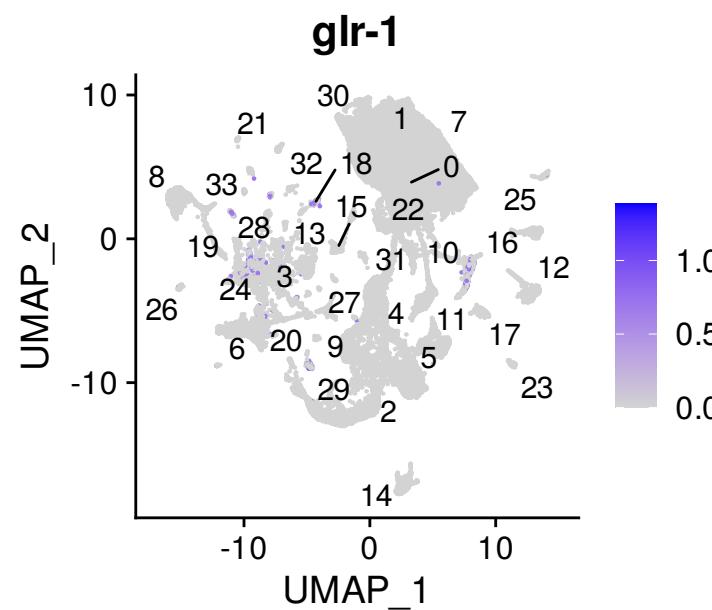
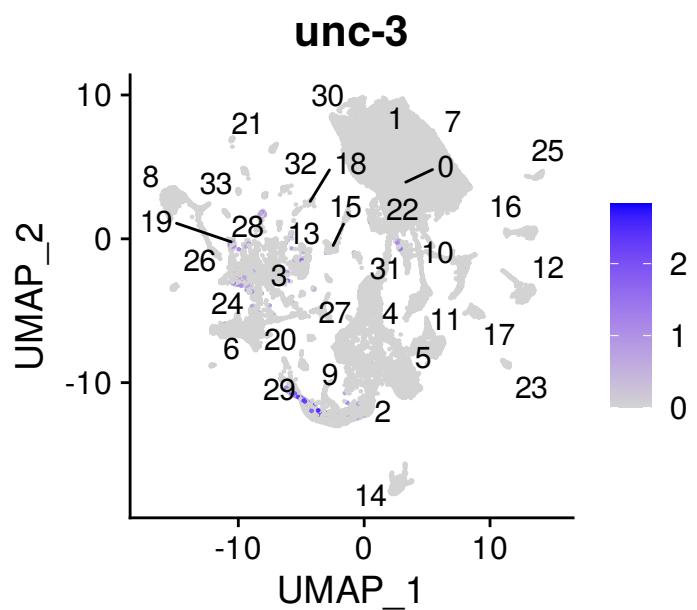
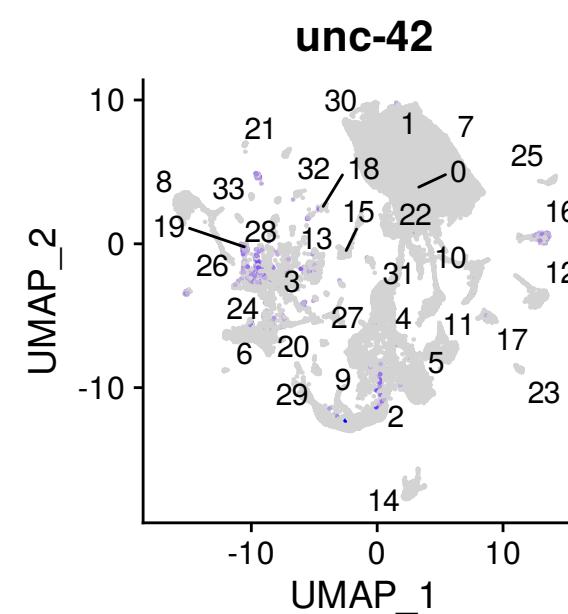
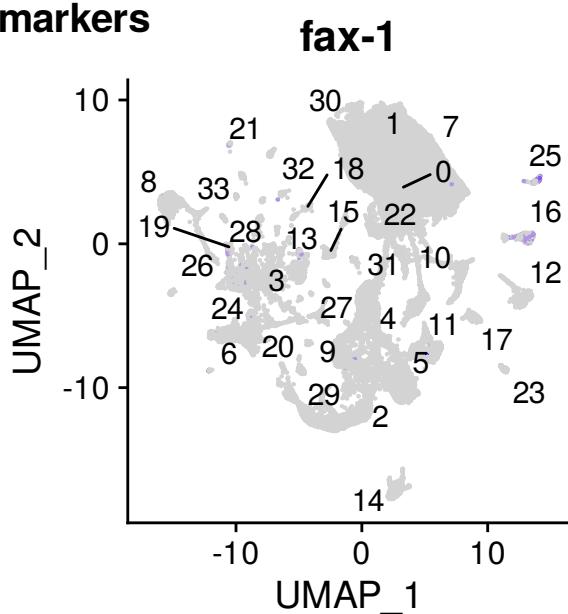
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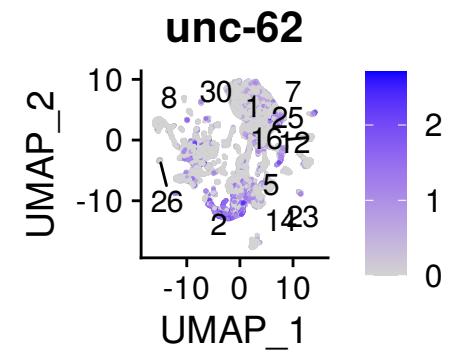
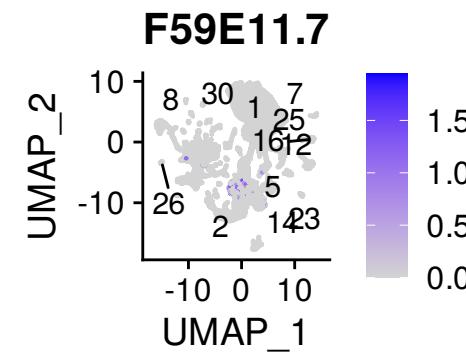
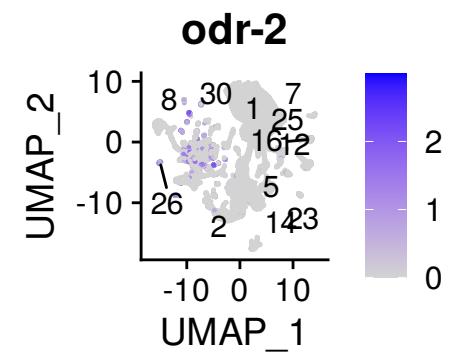
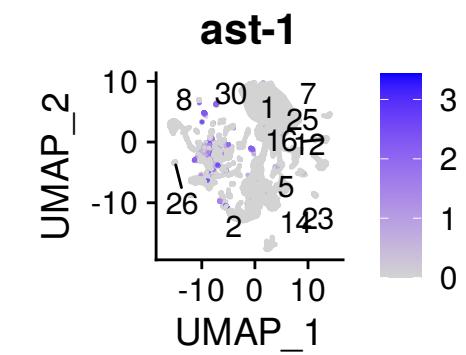
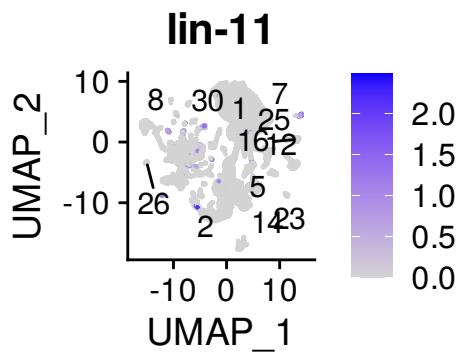
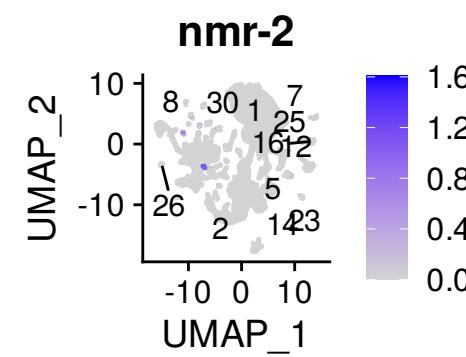
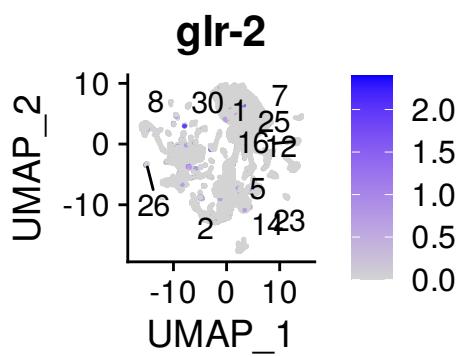
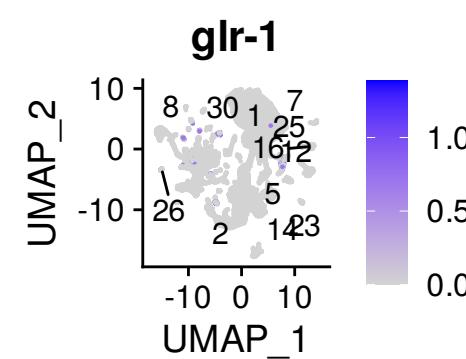
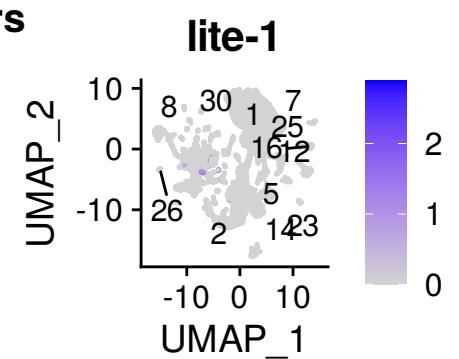


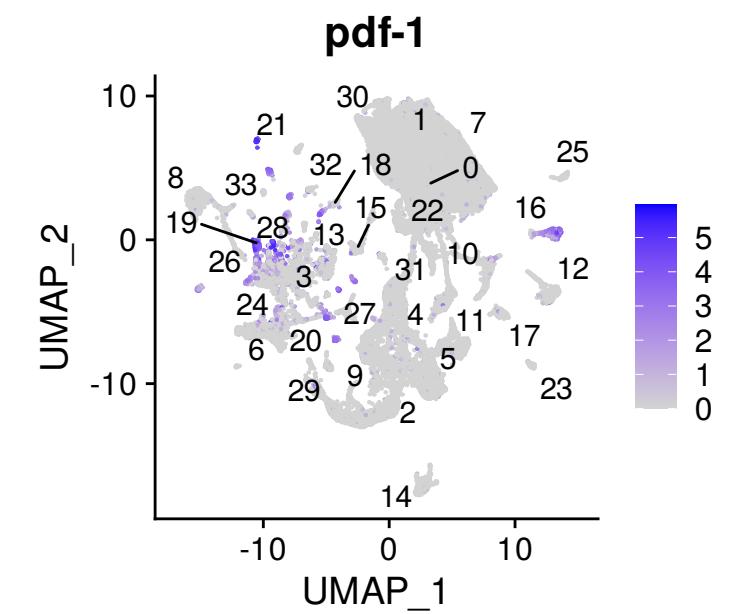
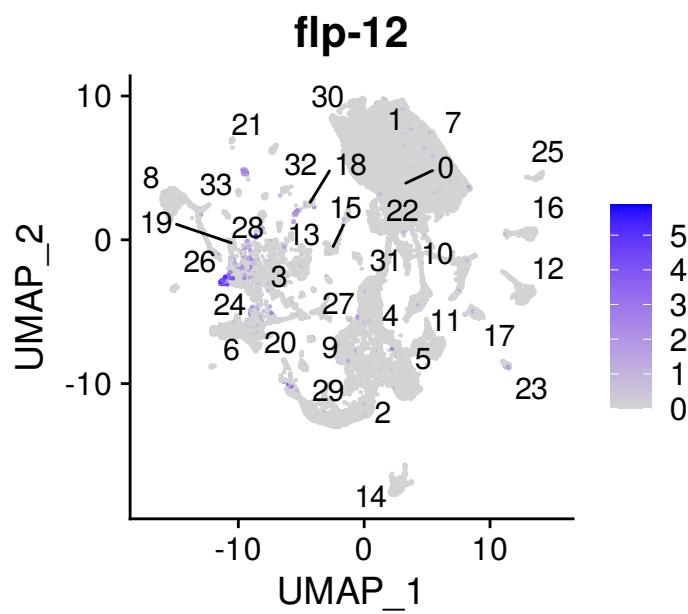
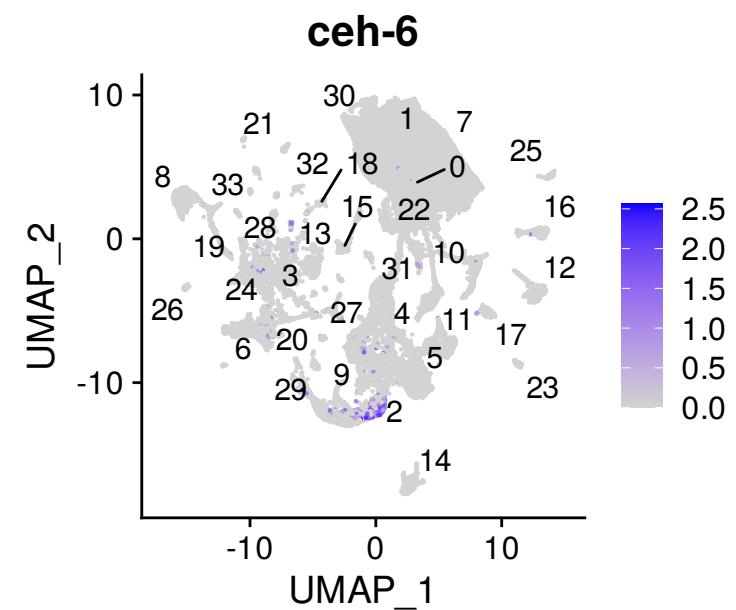
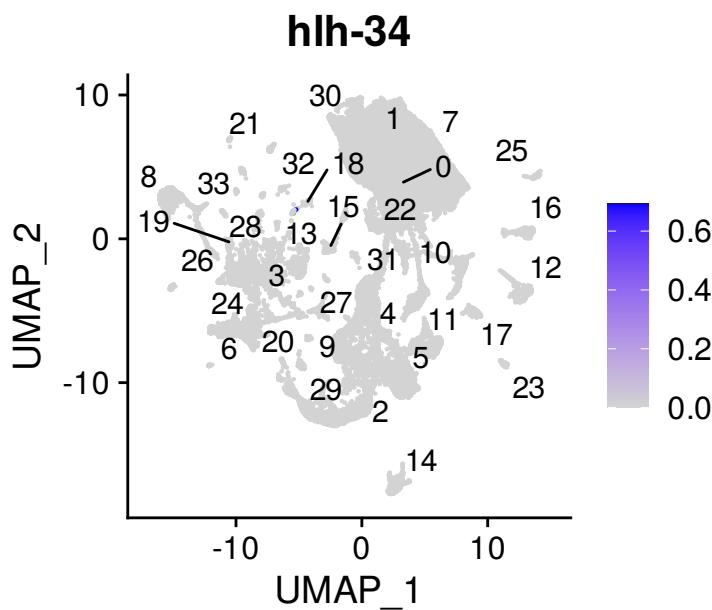
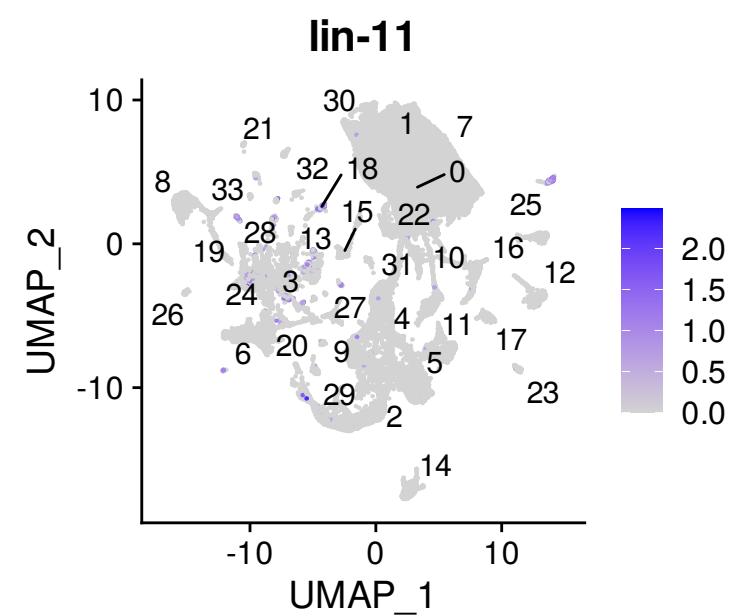
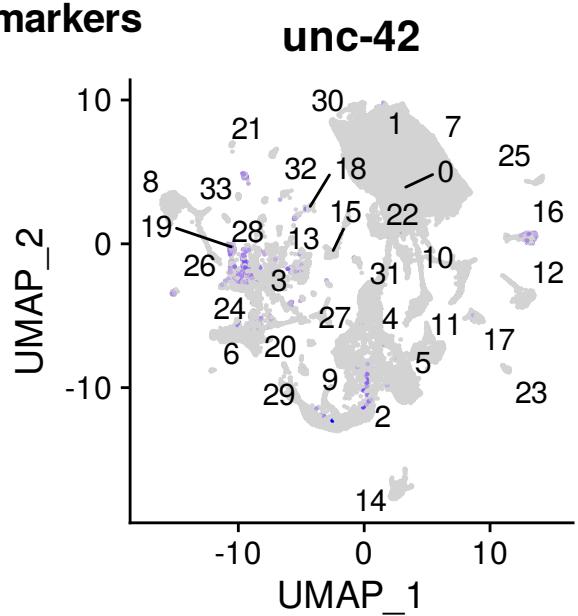
**AVA markers**

**AVB markers**

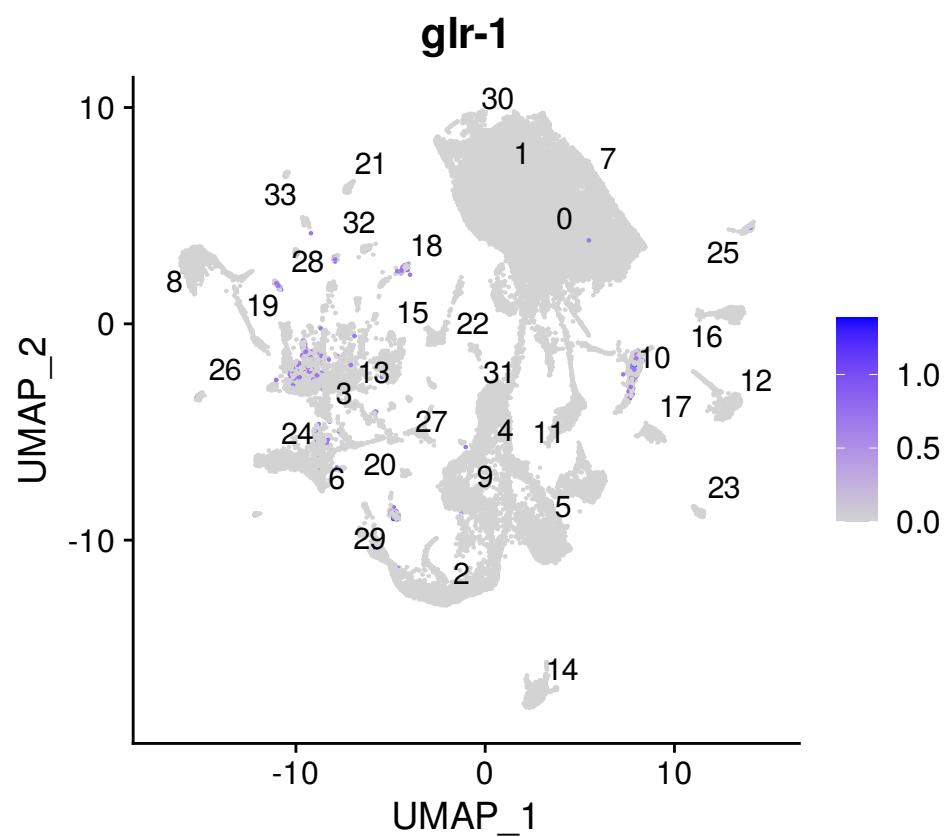
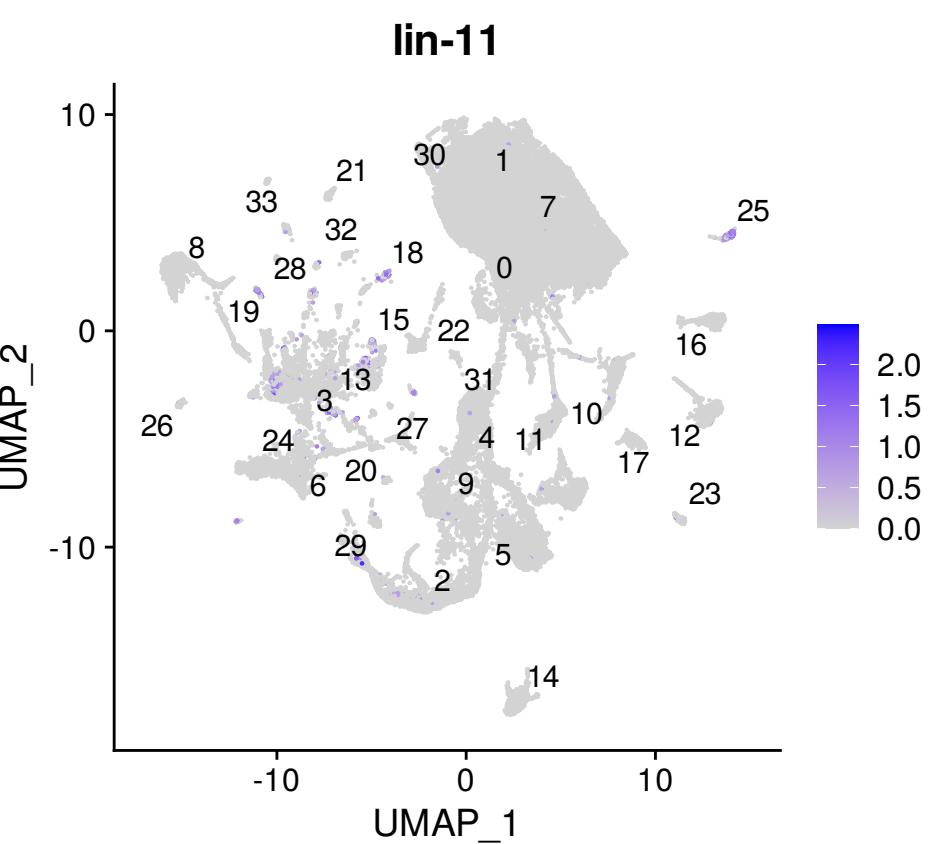
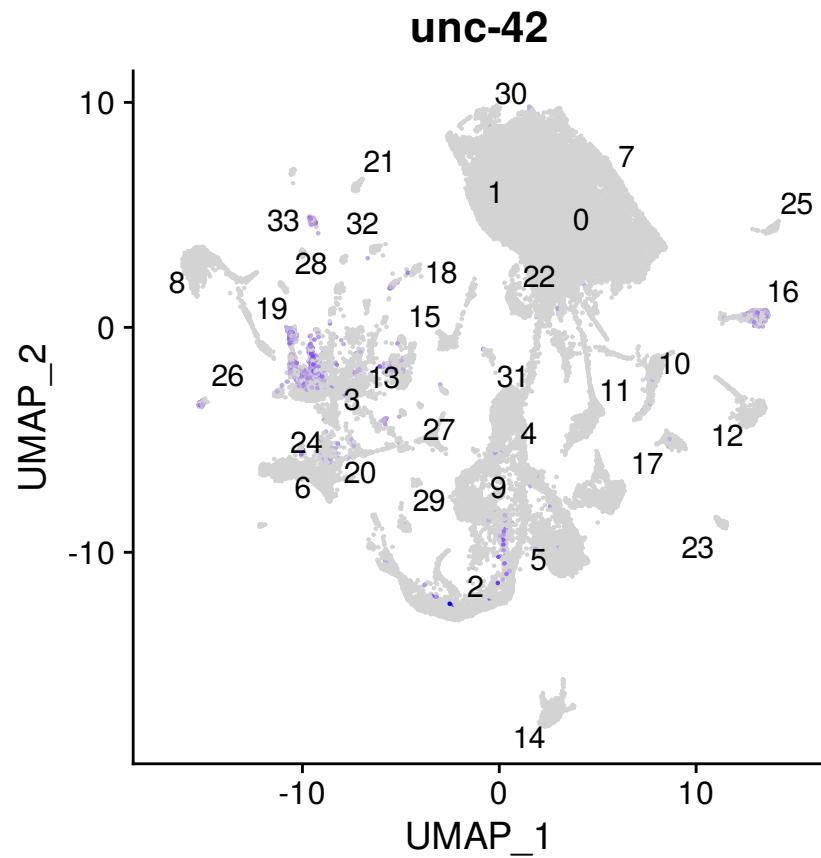
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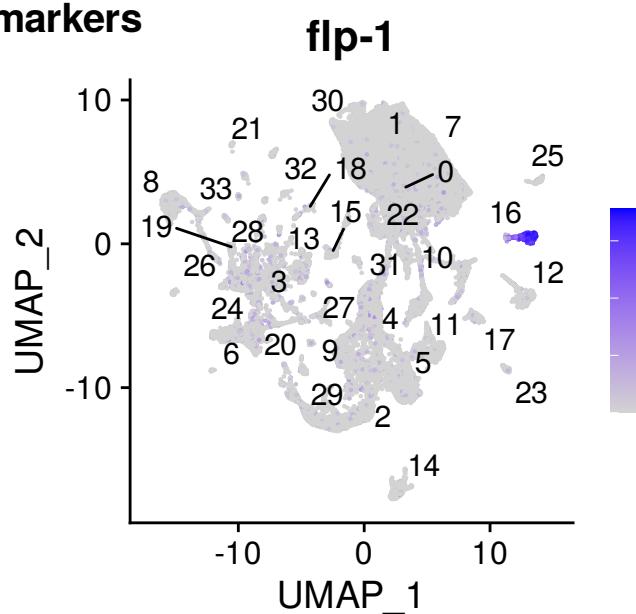
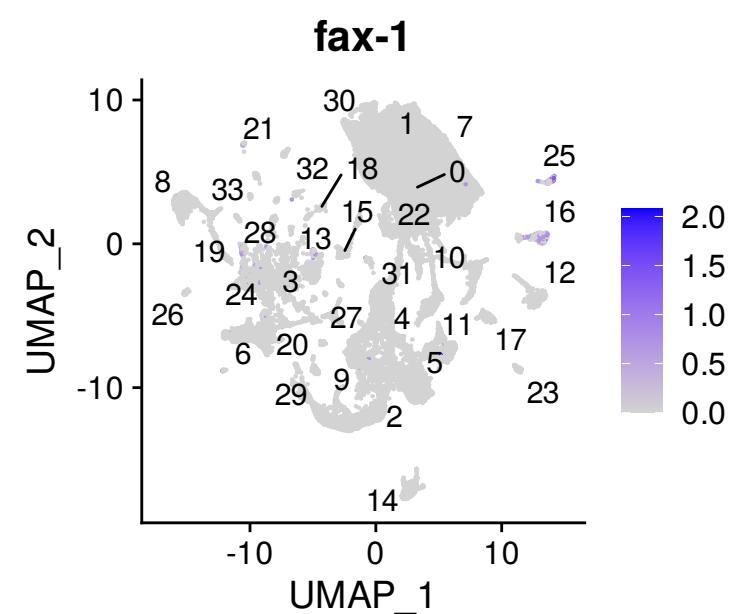
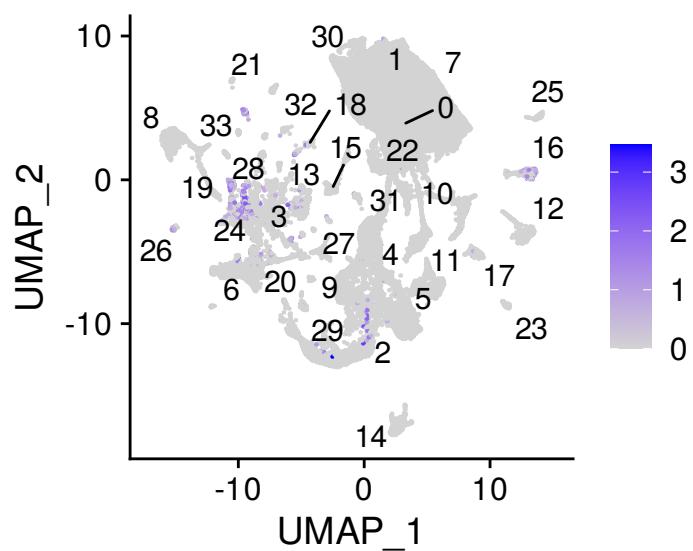
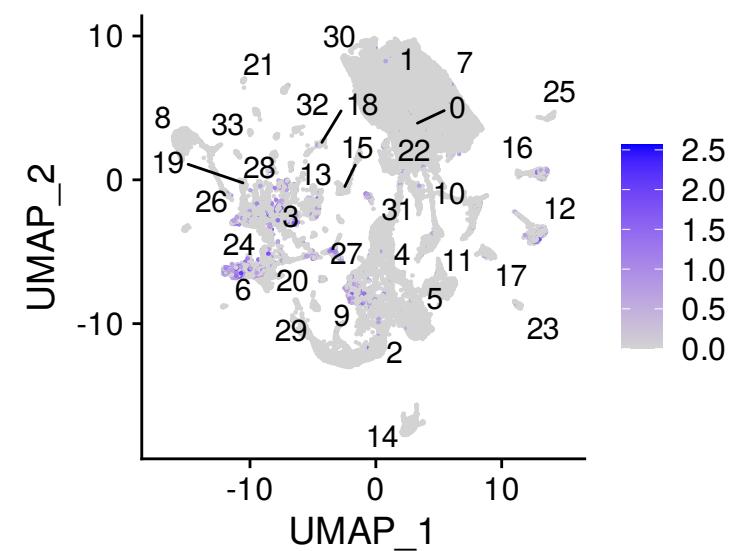
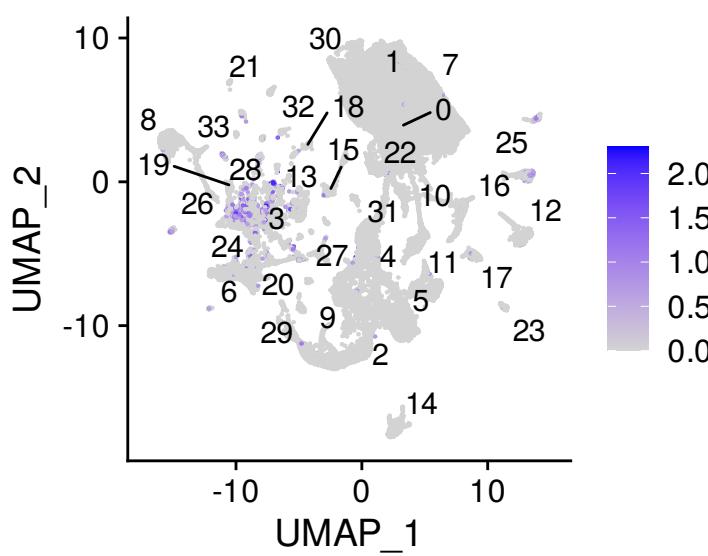
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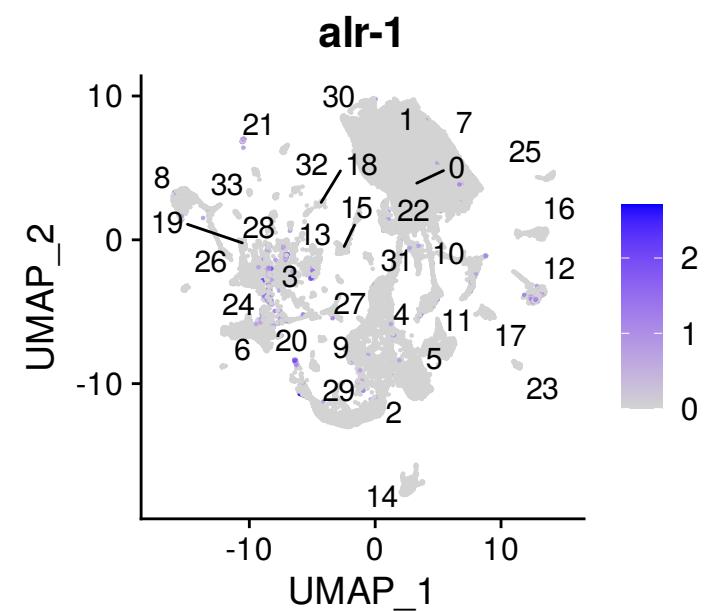
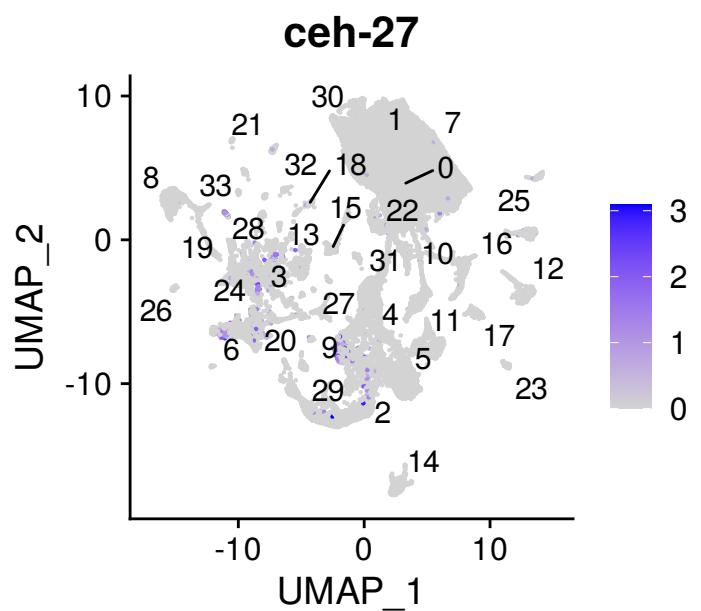
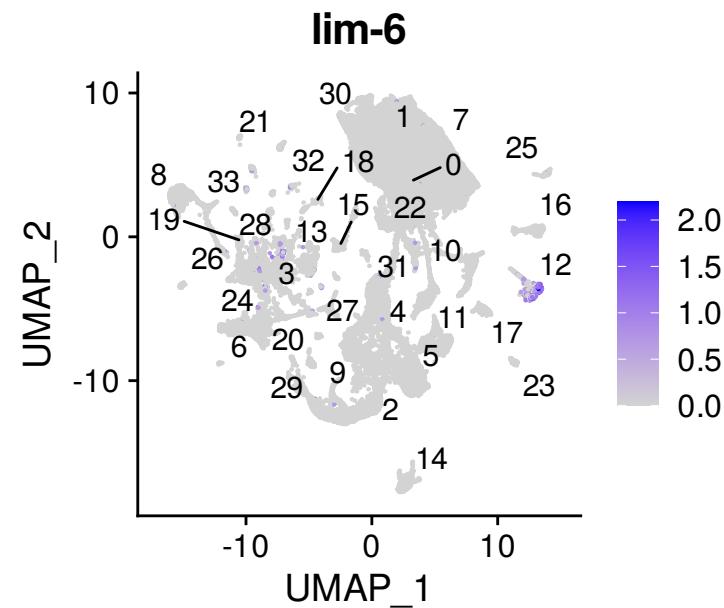
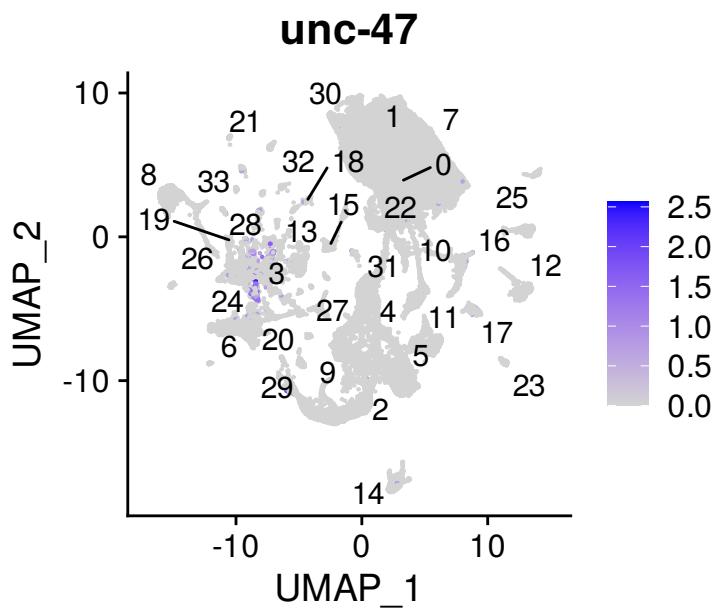
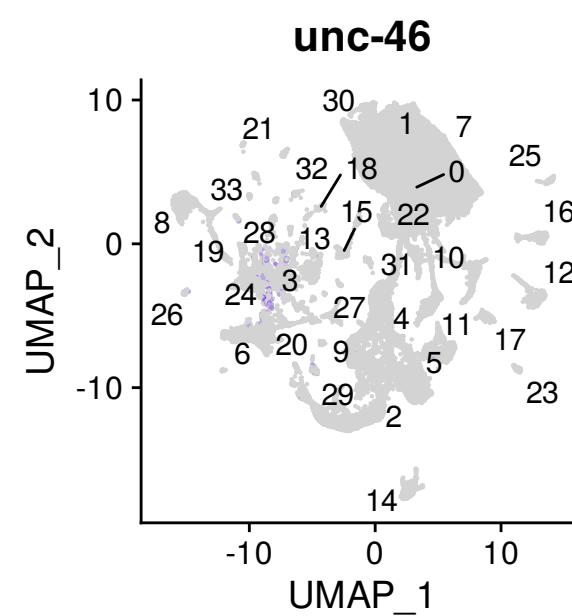
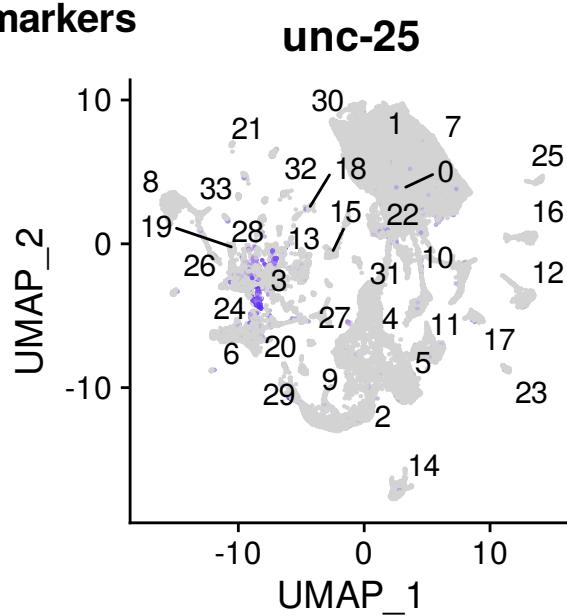
**AVG markers**

**AVH markers**

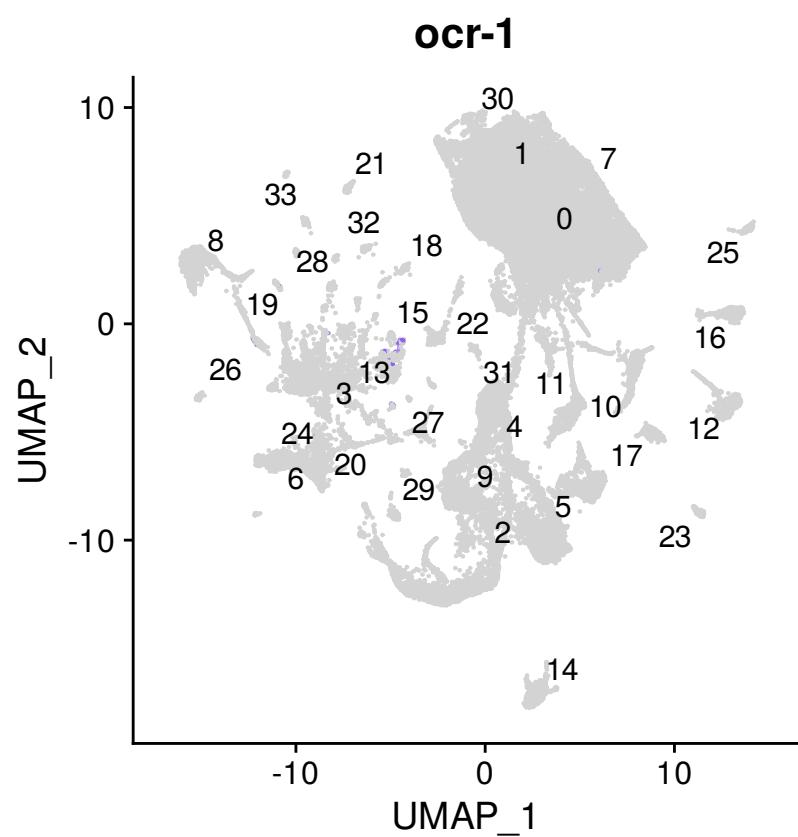
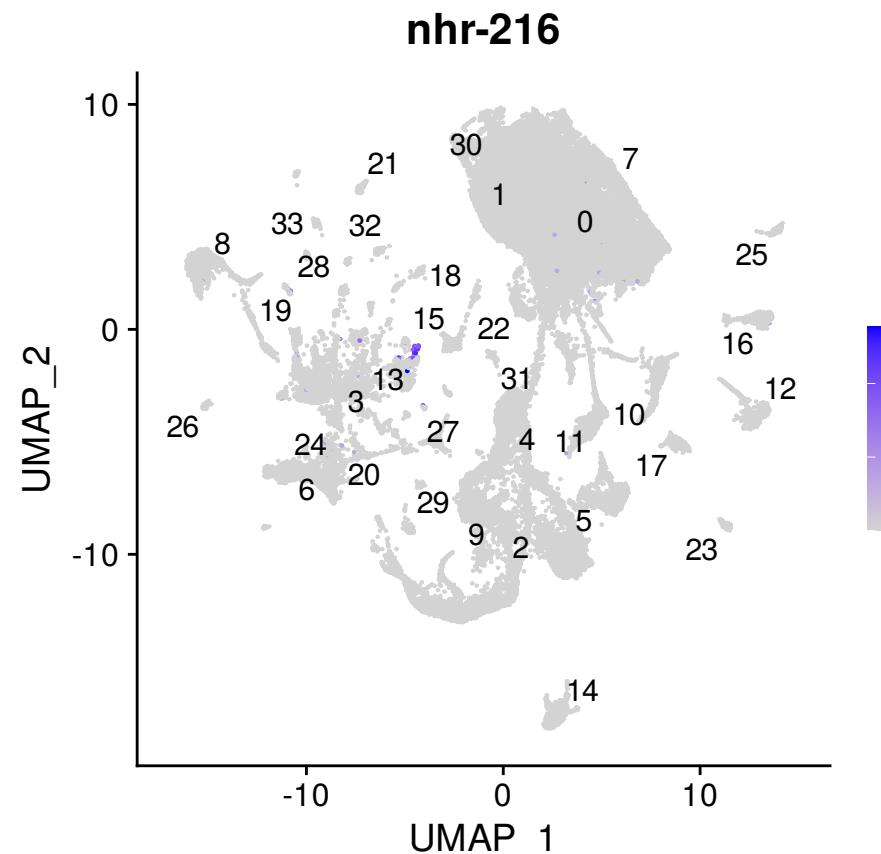
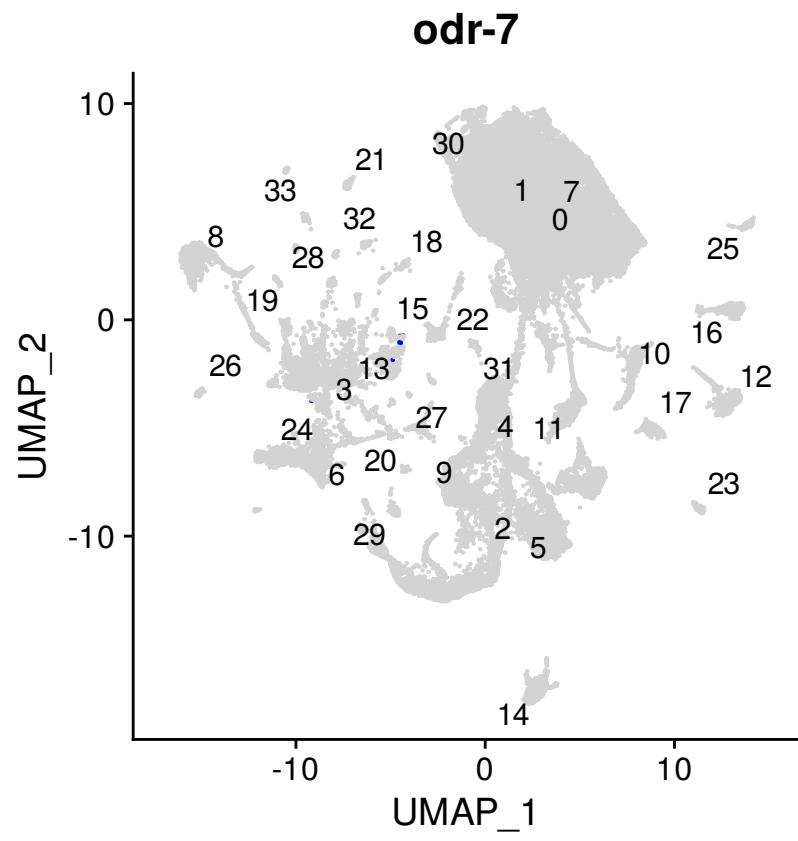
# AVJ markers



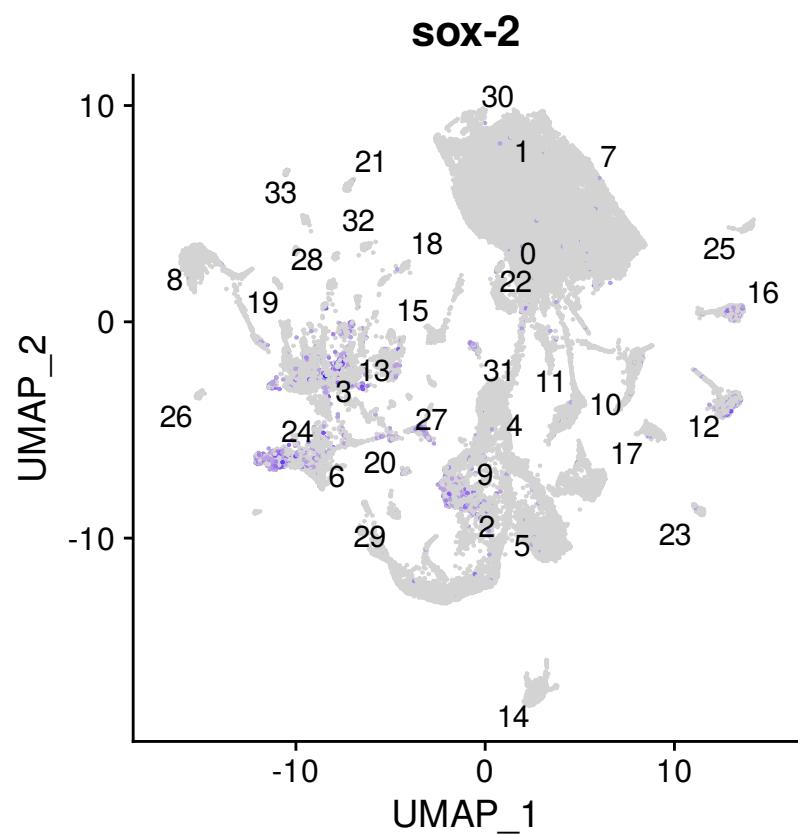
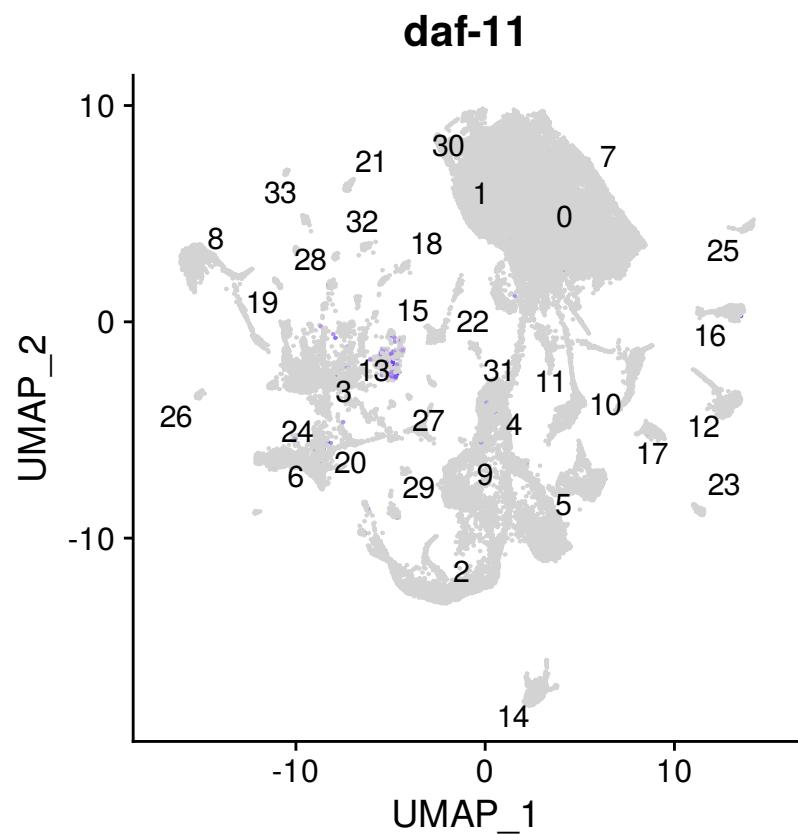
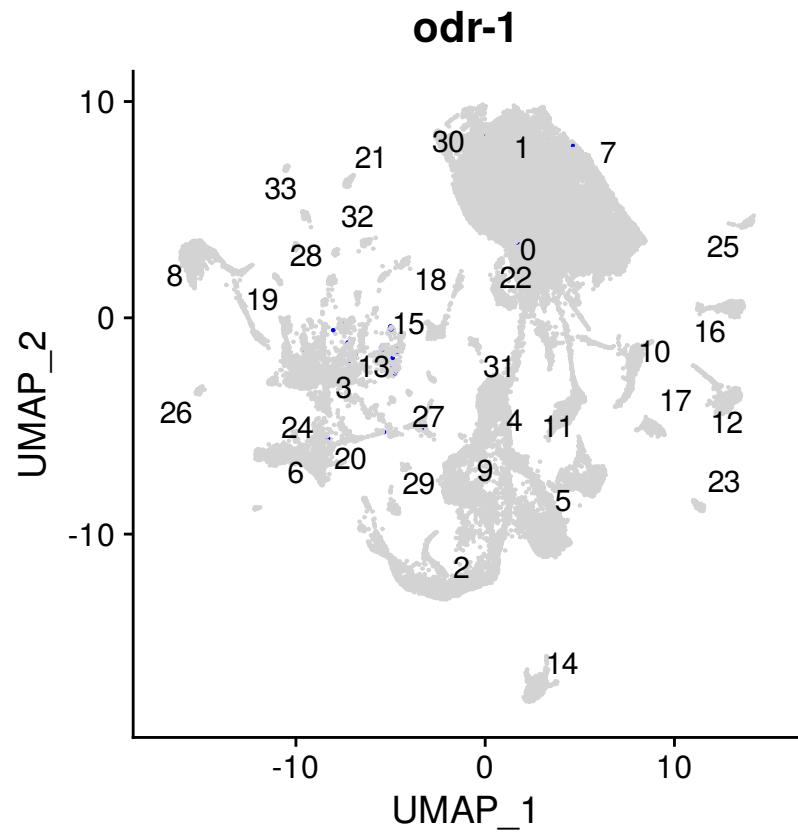
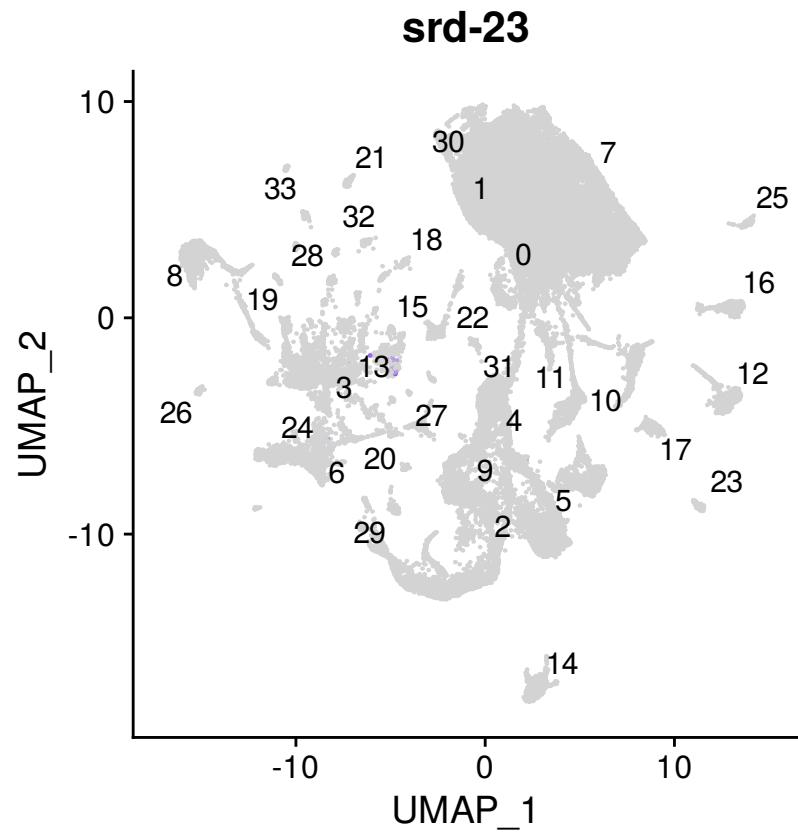
**AVK markers****fax-1****unc-42****sox-2****glr-5**

**AVL markers**

# AWA markers



# AWB markers



# AWC markers

