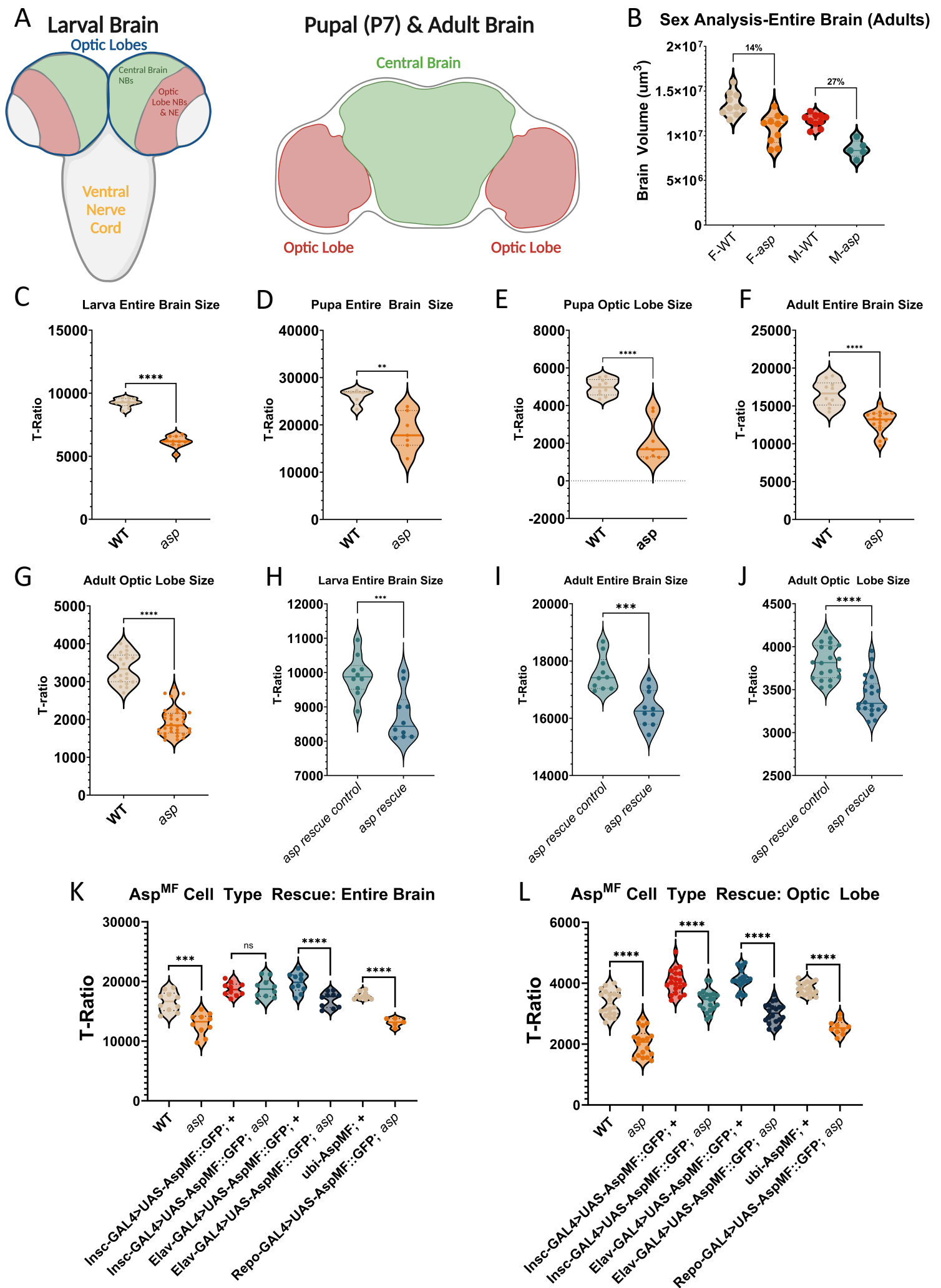
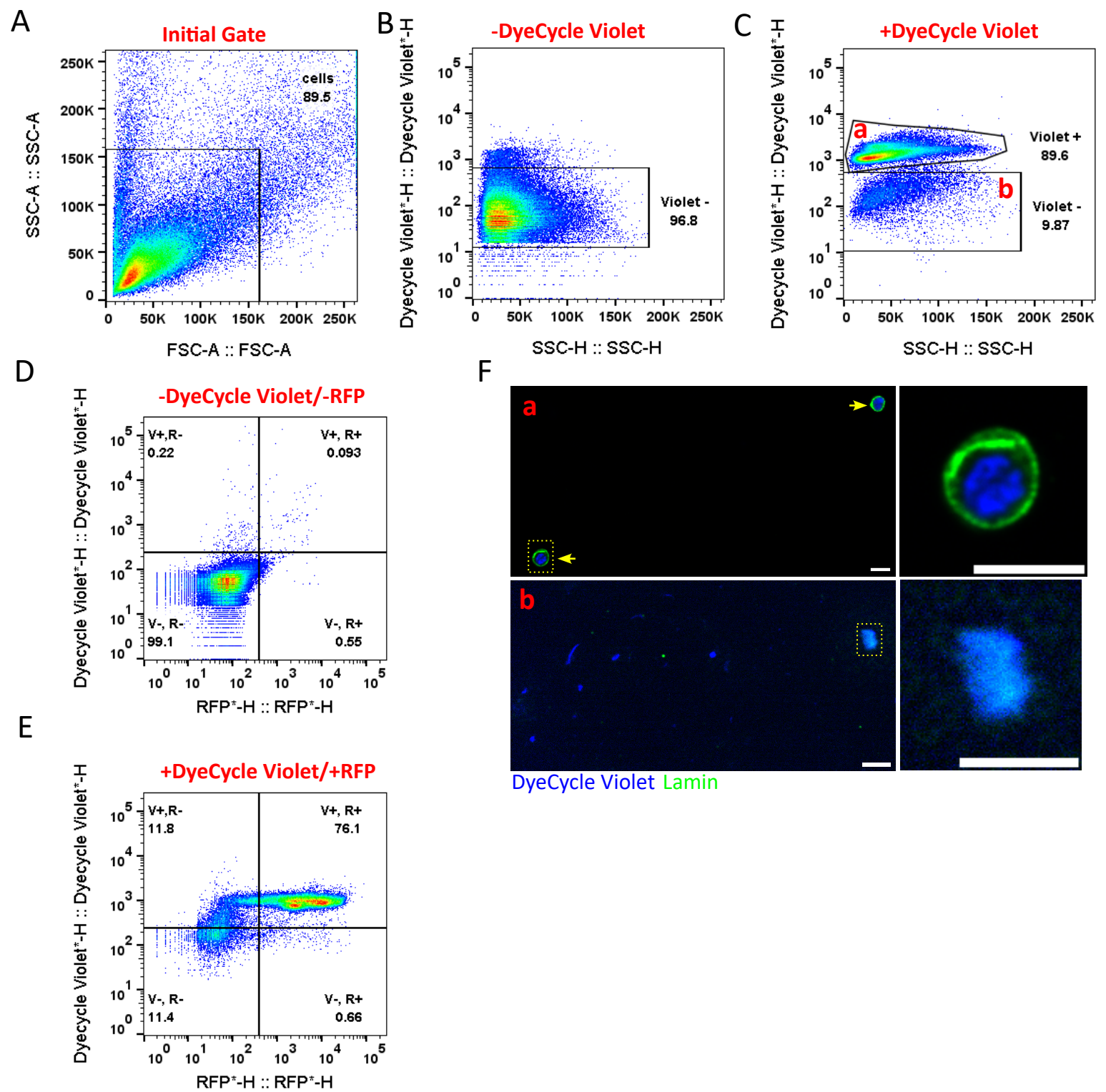


Mannino Supplementary Figure 1

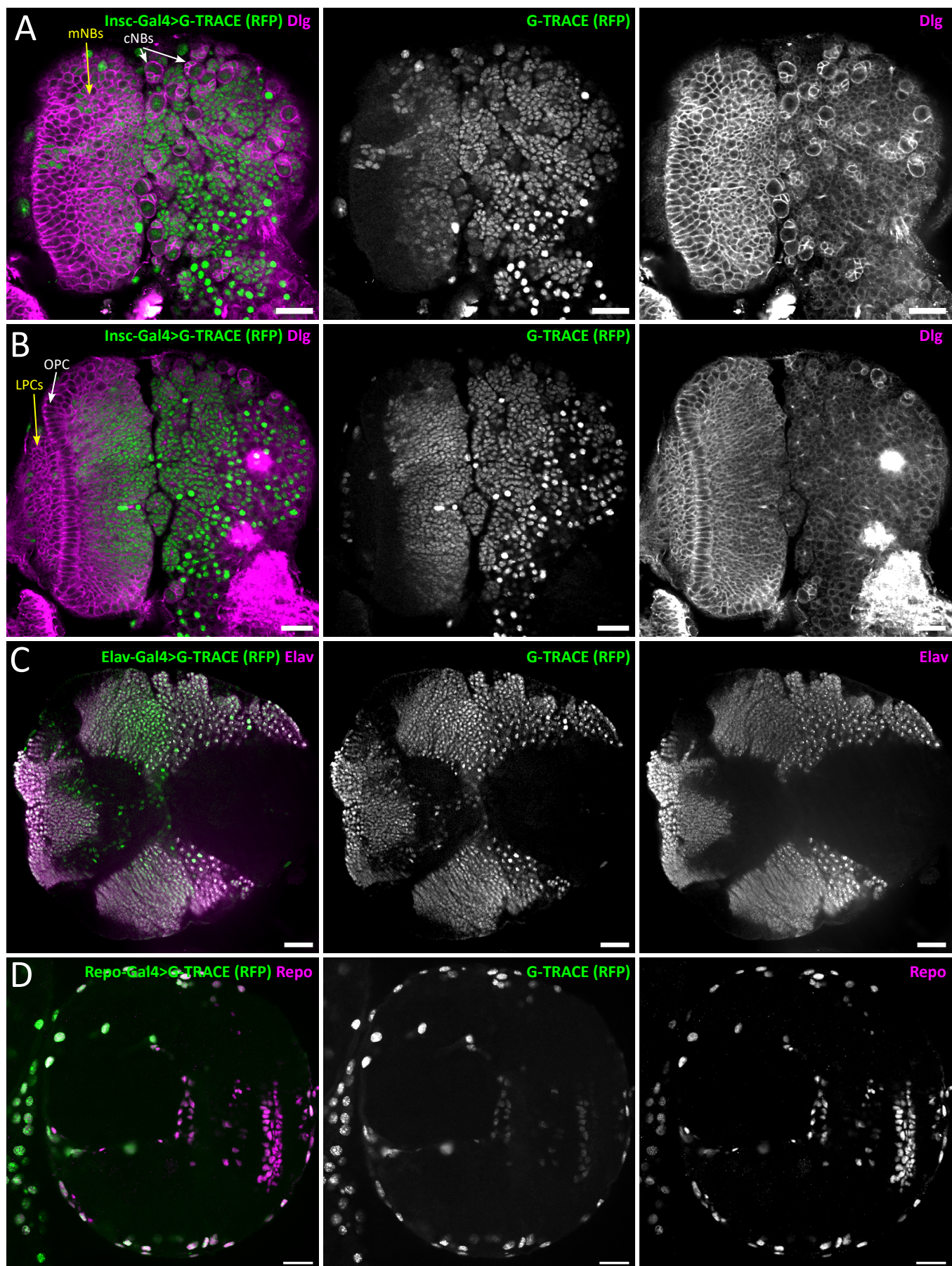


Mannino Supplementary Figure 2



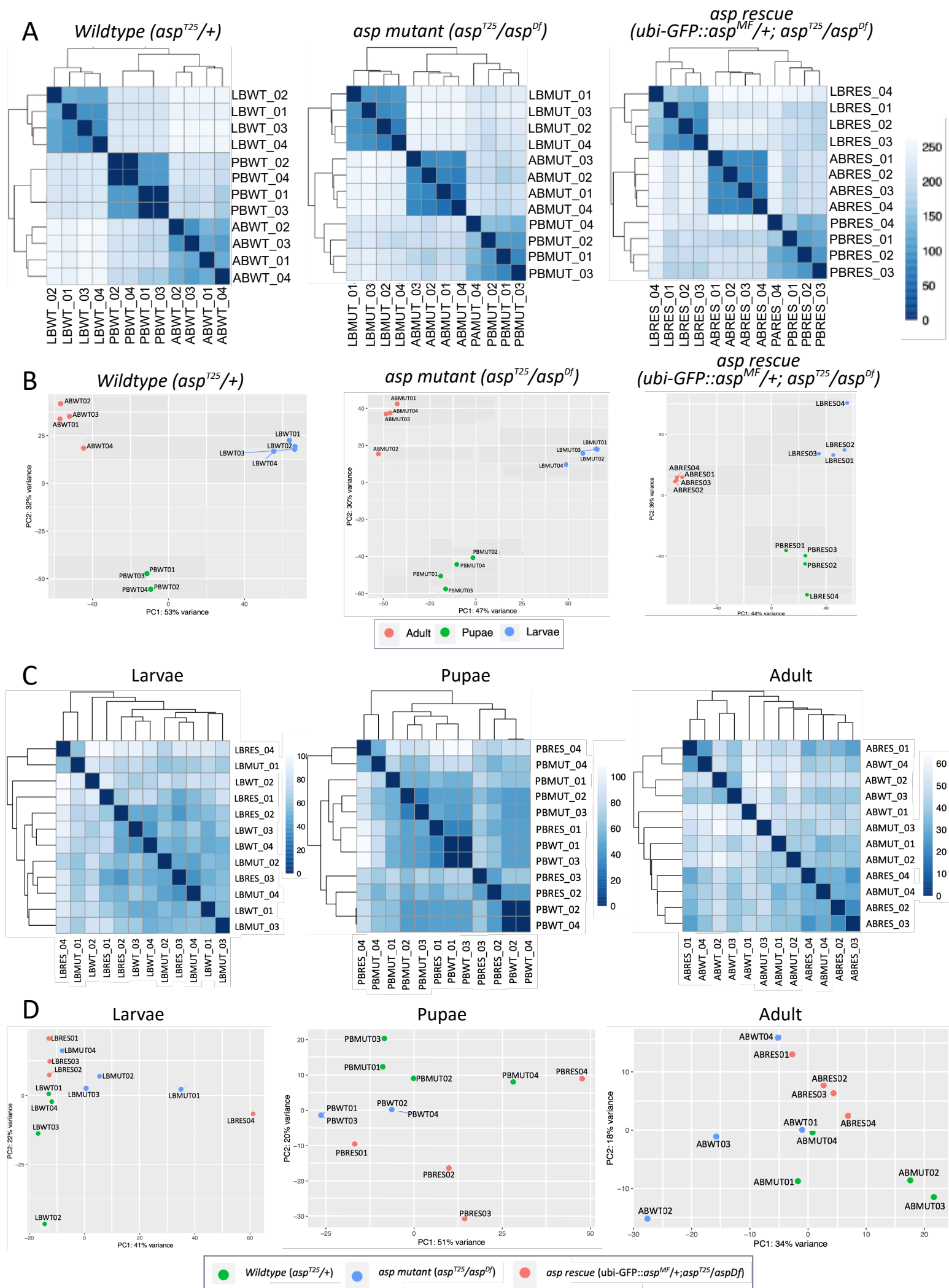


Mannino Supplementary Figure 3



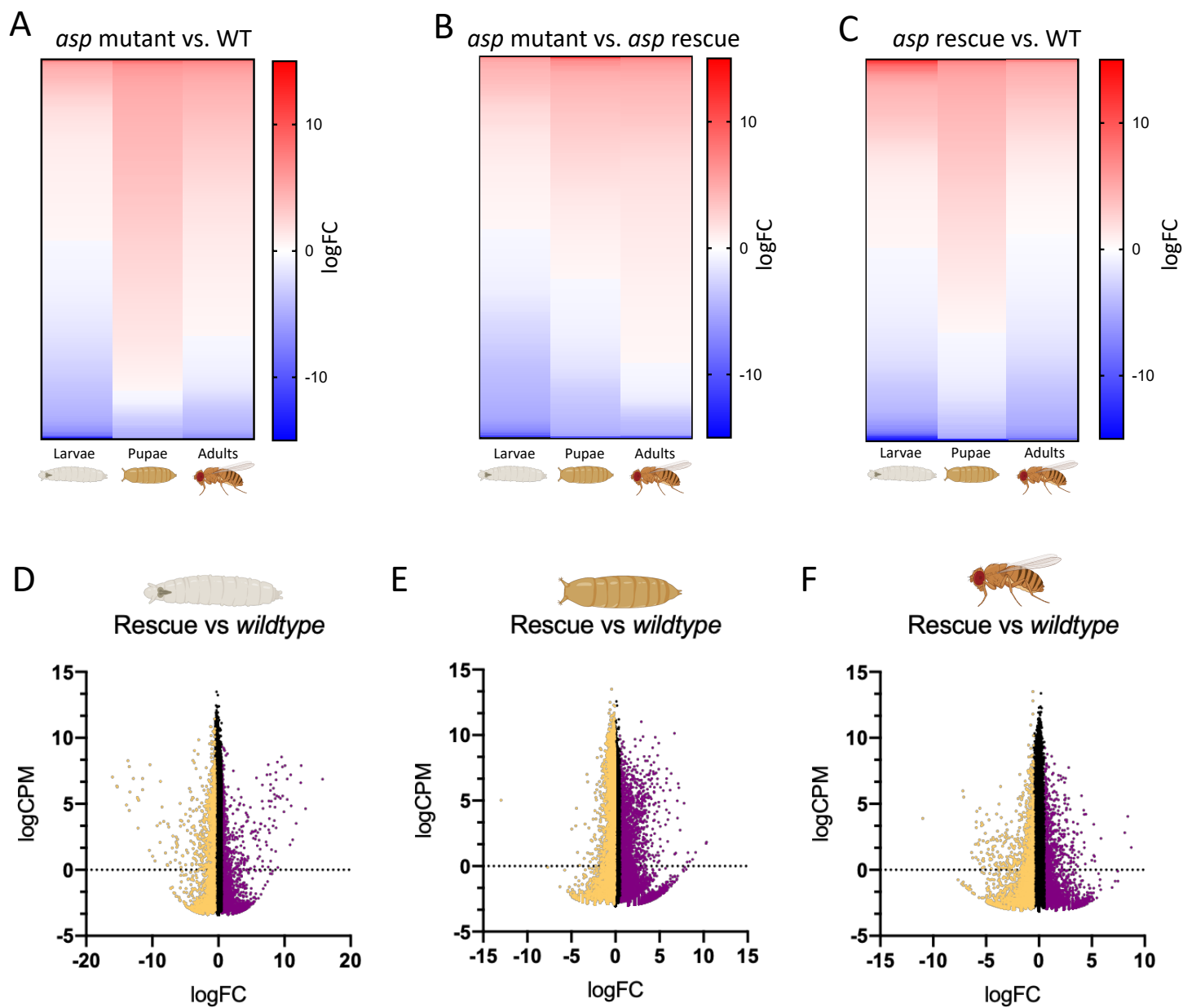
Mannino Supplementary Figure 4





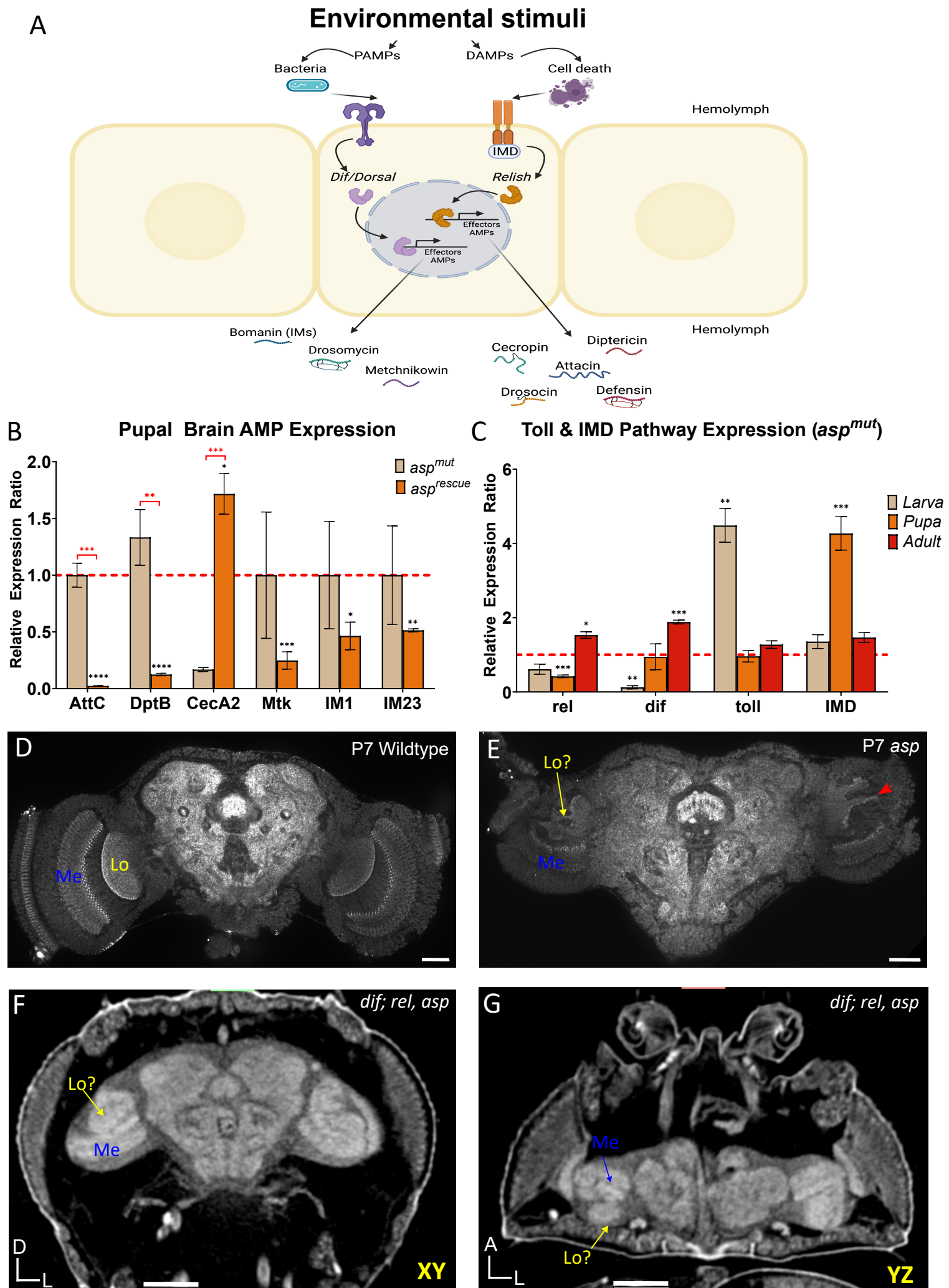
Mannino Supplementary Figure 5





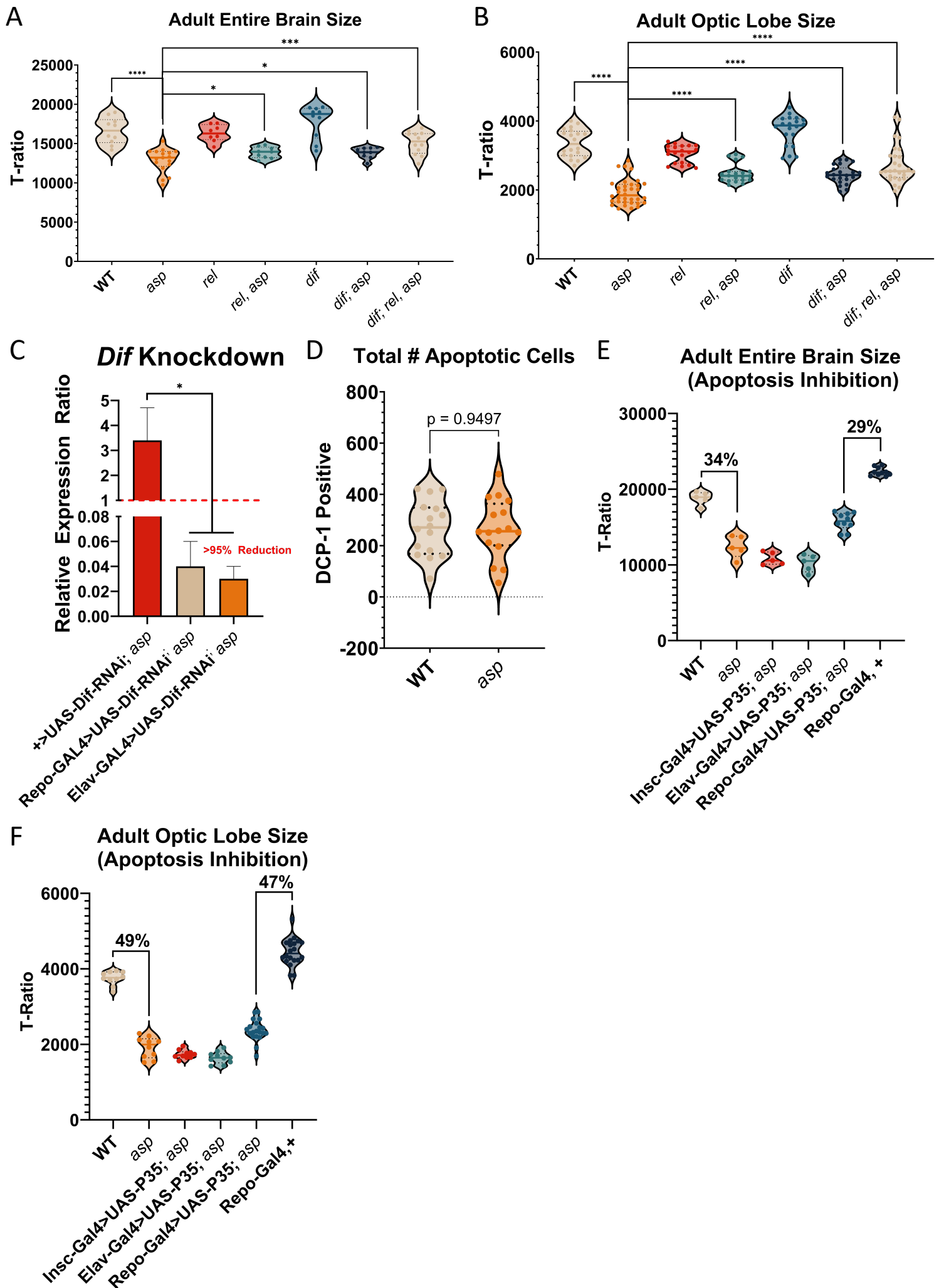
Mannino Supplementary Figure 6





Mannino Supplementary Figure 8





Mannino Supplementary Figure 9