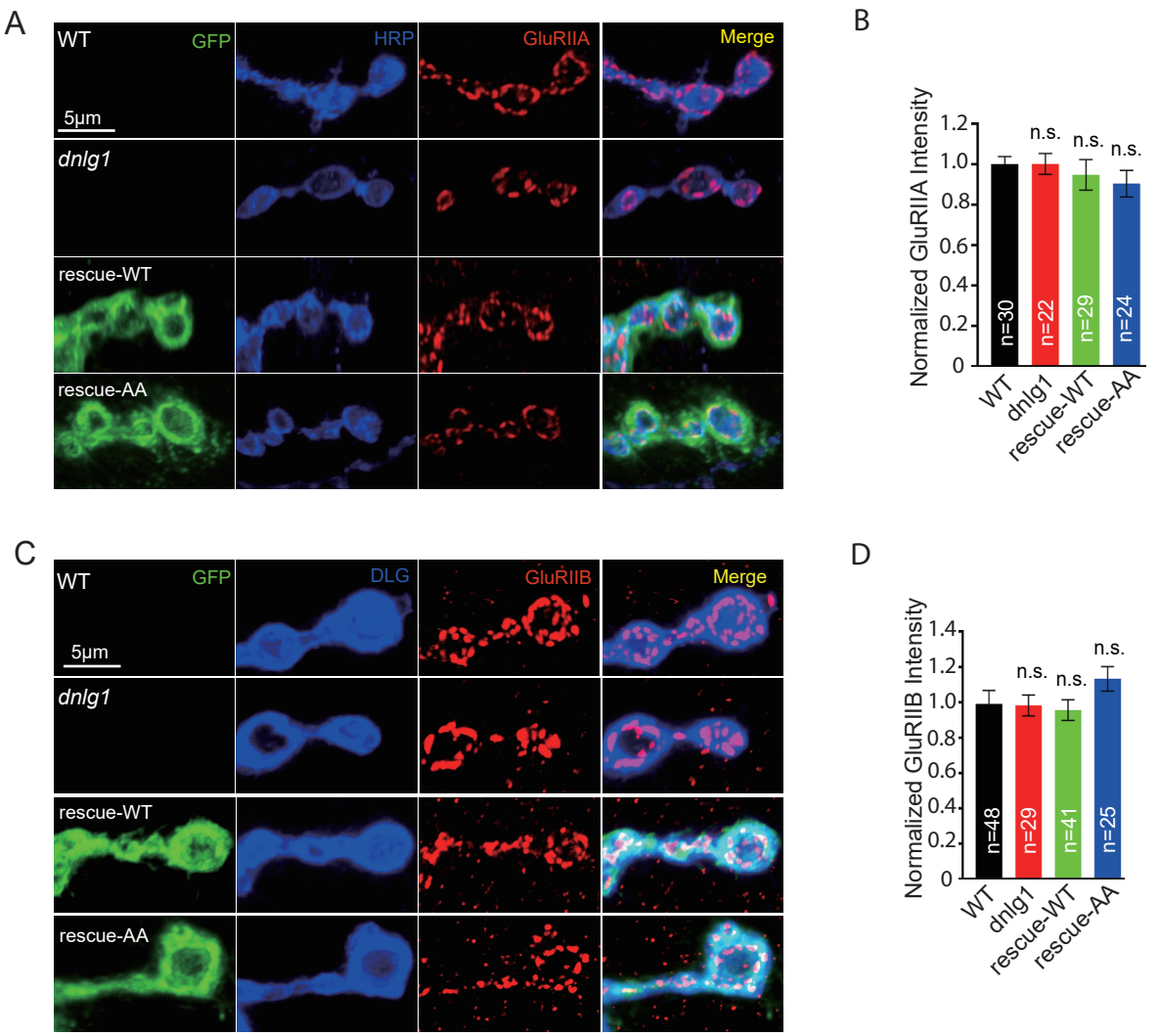Figure 6-figure supplement 1