

Figure 1 Jarabo et al.

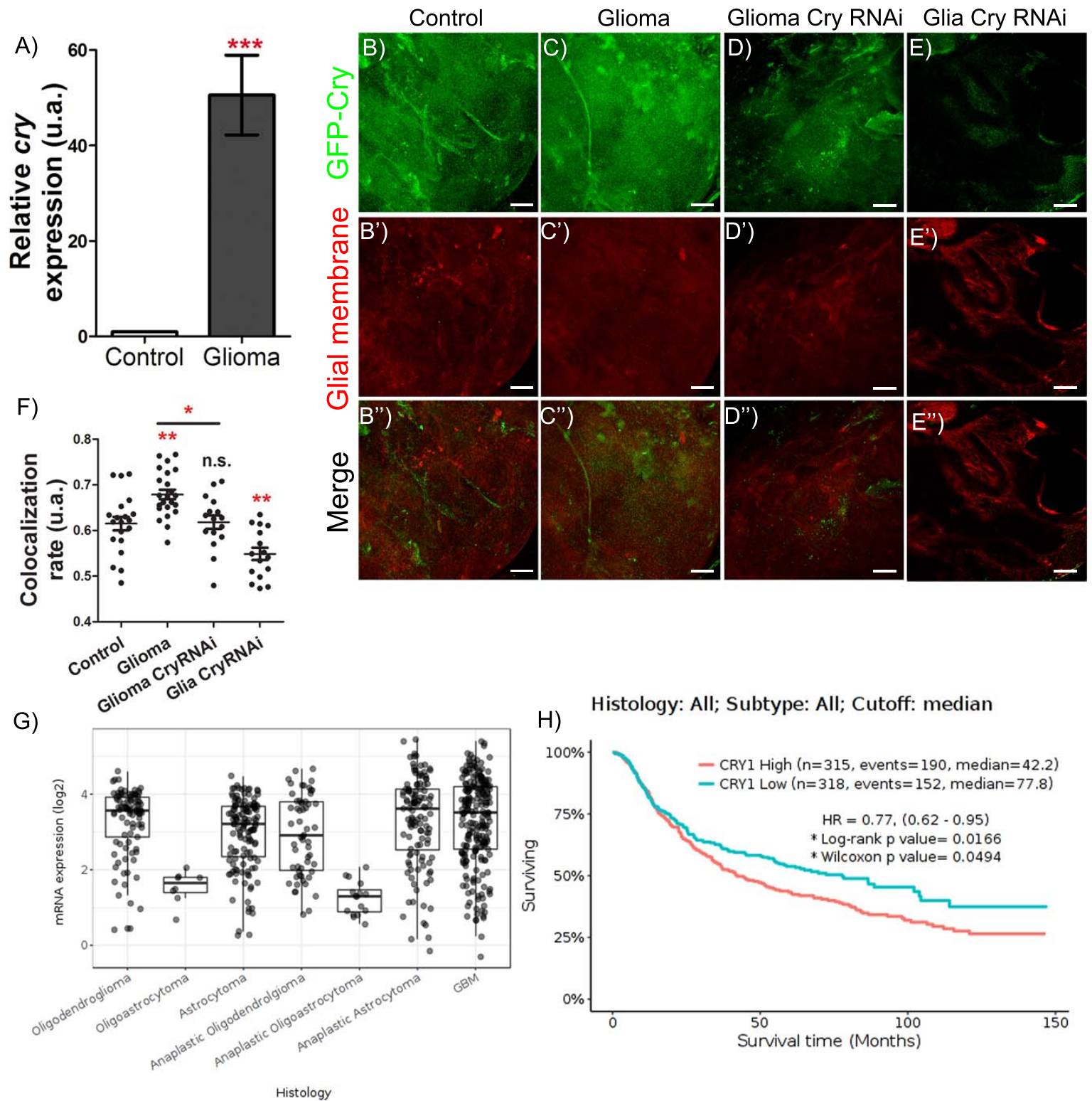


Figure 4: Glioma CryRNAi reduces glioma burden and improves survival.

Panel A-D: Whole-mount images of glial nuclei (green) and glial membrane (red) in Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Scale bars are shown in the bottom right of each image.

Panel A'-D': High-magnification images of glial membrane staining in Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Scale bars are shown in the bottom right of each image.

Panel E: Dot plot showing the number of glial cells per brain section. The y-axis is labeled "Glial cell number" and ranges from 3000 to 7000. The x-axis shows four groups: Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Statistical significance is indicated by asterisks: *** for Glioma vs Control, *** for Glioma vs Glioma CryRNAi, n.s. for Glioma CryRNAi vs Control, and n.s. for Glioma CryRNAi vs Glioma CryRNAi.

Panel F: Dot plot showing brain volume in μm^3 . The y-axis is labeled "Volumen (μm^3)" and ranges from 0 to 1.0×10^7 . The x-axis shows four groups: Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Statistical significance is indicated by asterisks: *** for Glioma vs Control, *** for Glioma vs Glioma CryRNAi, n.s. for Glioma CryRNAi vs Control, and n.s. for Glioma CryRNAi vs Glioma CryRNAi.

Panel G-J: High-magnification images of active zones (green) and glial membrane (red) in Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Scale bars are shown in the bottom left of each image.

Panel K: Dot plot showing the number of active zones per brain section. The y-axis is labeled "Active zones" and ranges from 0 to 1500. The x-axis shows four groups: Control, Glioma, Glioma CryRNAi, and Glioma CryRNAi. Statistical significance is indicated by asterisks: *** for Glioma vs Control, *** for Glioma vs Glioma CryRNAi, n.s. for Glioma CryRNAi vs Control, and n.s. for Glioma CryRNAi vs Glioma CryRNAi.

Panel L: Kaplan-Meier survival curve showing survival percentage over time (days). The y-axis is labeled "Survival (%)" and ranges from 0 to 100. The x-axis is labeled "Time (Days)" and ranges from 0 to 40. The legend indicates four groups: Control (grey circles), Glioma (black circles), GliomaCryRNAi (purple circles), and CryRNAi (blue circles). Statistical significance is indicated by asterisks: **** for Glioma vs Control, **** for GliomaCryRNAi vs Control, **** for GliomaCryRNAi vs Glioma, and **** for GliomaCryRNAi vs GliomaCryRNAi.

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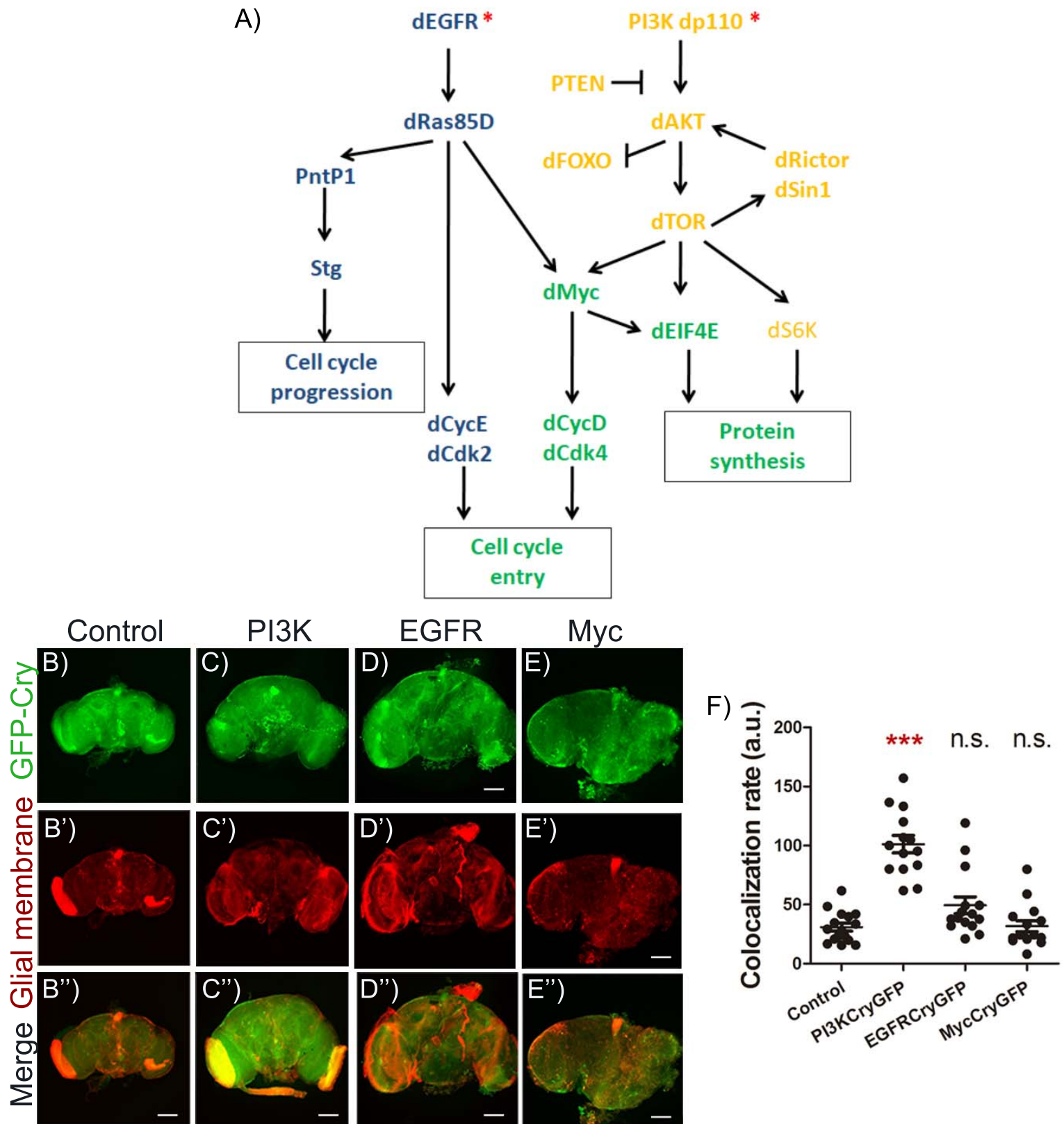


Figure 4 Jarabo et al.

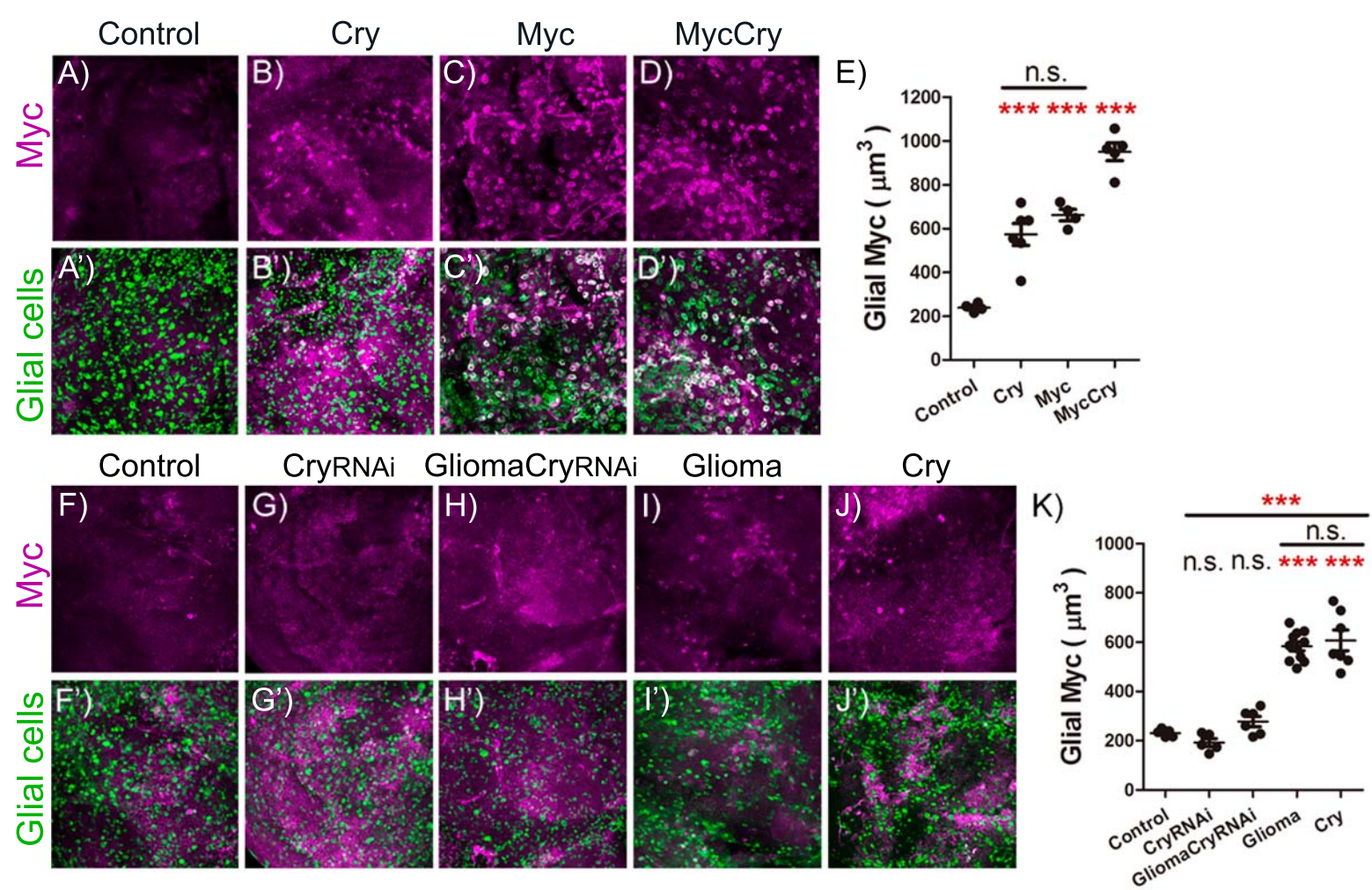


Figure 5 Jarabo et al.

