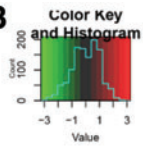
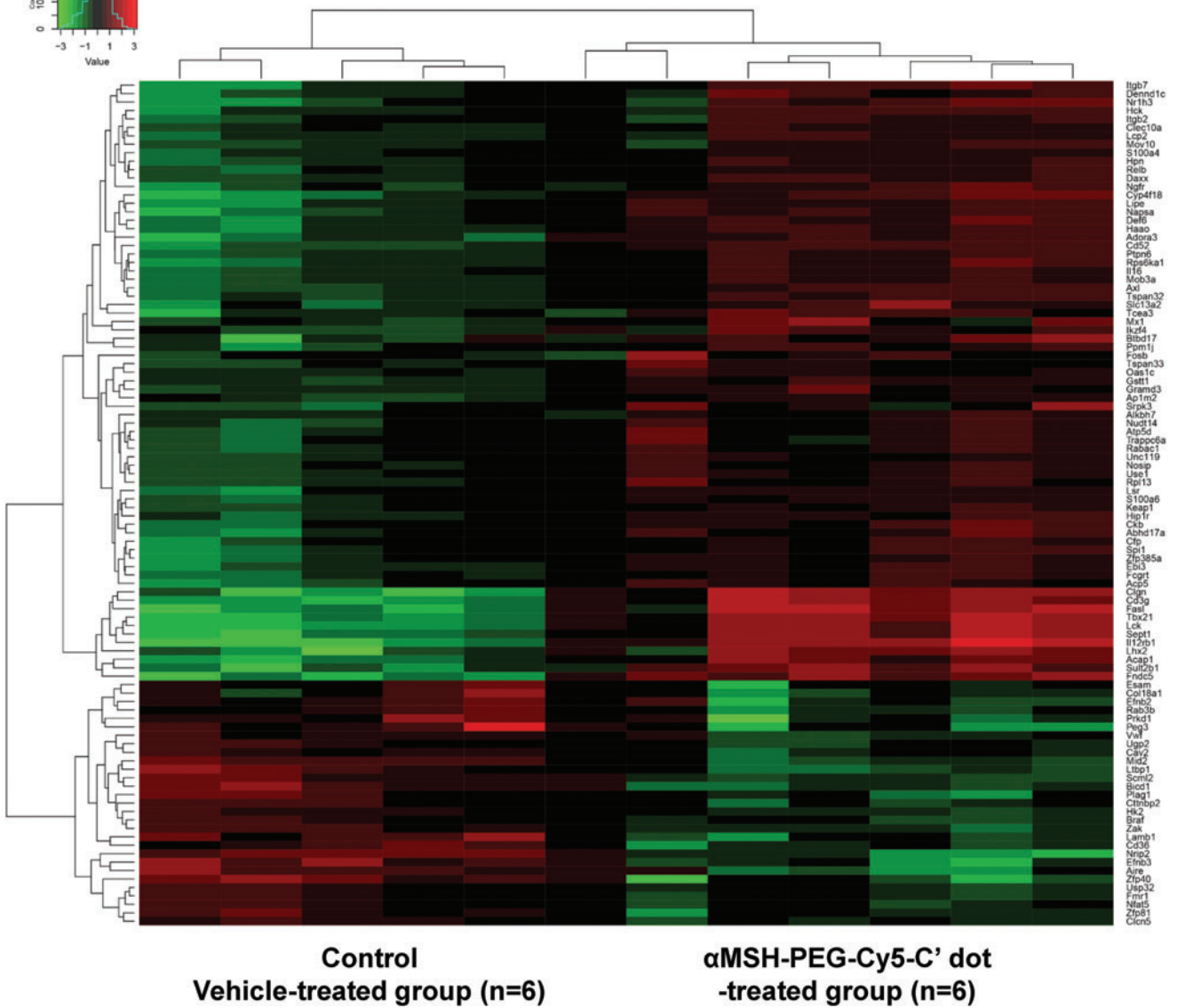


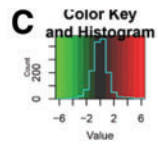
SUPPLEMENTARY FIG. S2. Top 100 differentially expressed genes in (A) a vehicle-treated control group versus the [²²⁵Ac]αMSH-PEG-Cy5-C' dot-treated group; (B) a vehicle-treated control group versus an unlabeled αMSH-PEG-Cy5-C' dot-treated control group; and (C) the [²²⁵Ac]αMSH-PEG-Cy5-C' dot-treated group versus an unlabeled αMSH-PEG-Cy5-C' dot-treated control group. The top 100 differentially expressed genes (cutoff FC = 2 and FDR = 0.05) are used. The data plot was the mean-centered normalized log₂ expression of the top 100 differentially expressed genes.

B

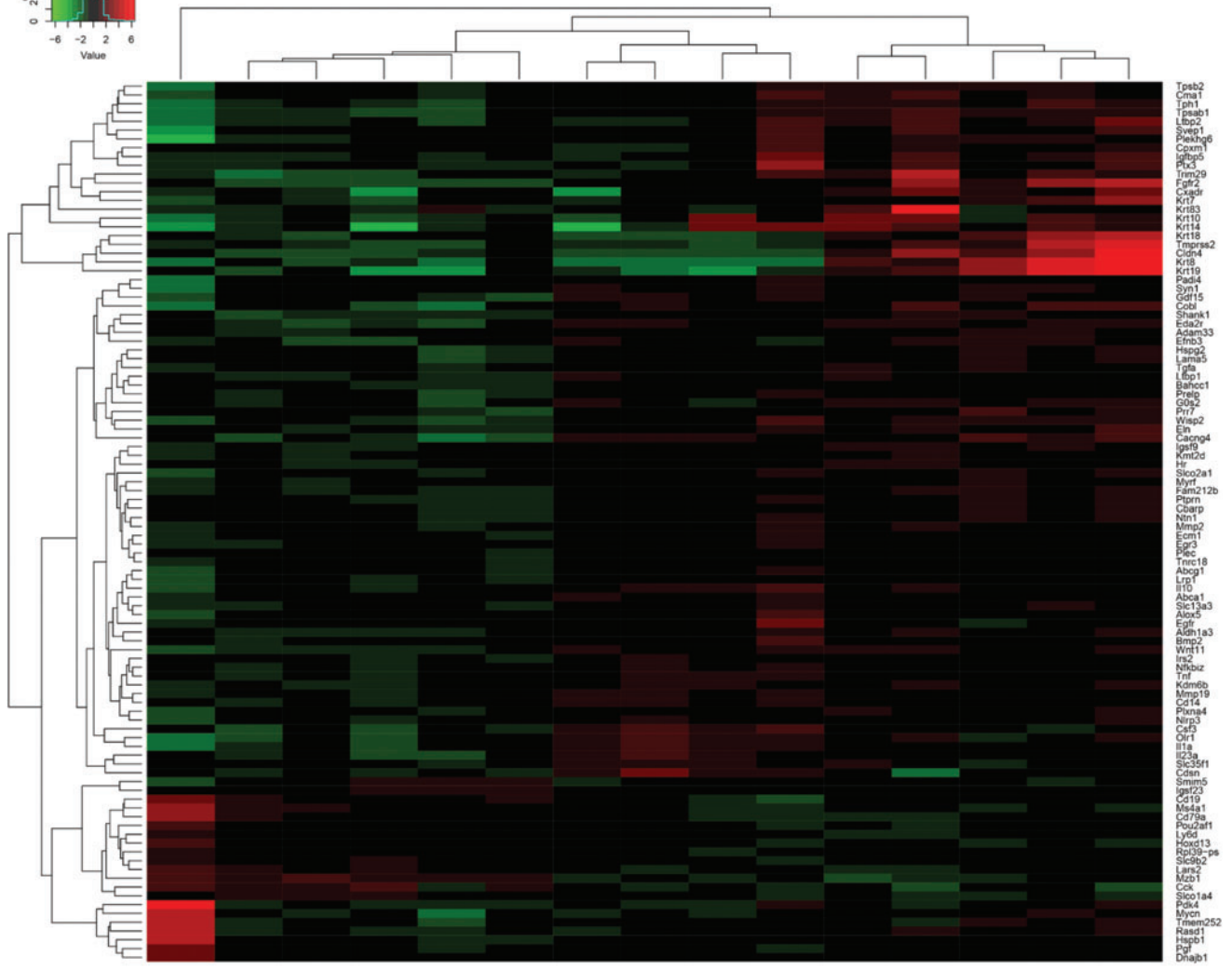
Top Differentially Expressed Genes ControlA vs TreatedC



SUPPLEMENTARY FIG. S2. (Continued)



Top Differentially Expressed Genes TreatedB vs TreatedC



**α MSH-PEG-Cy5-C' dot
-treated group (n=6)**

**$[^{225}\text{Ac}]\alpha$ MSH-PEG-Cy5-C' dot
-treated group (n=9)**

SUPPLEMENTARY FIG. S2. (Continued)