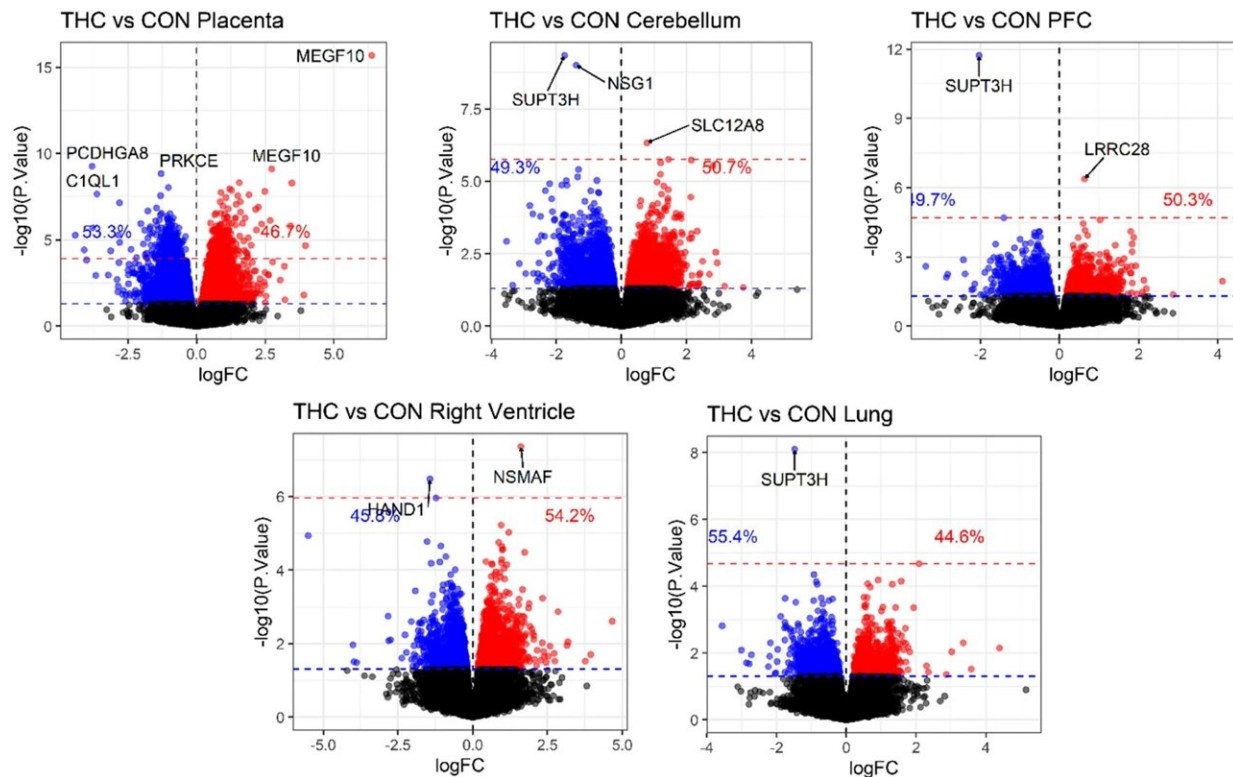


# THC use during pregnancy linked to changes in fetal development

July 6 2023, by Nicole Rideout



Prenatal THC is associated with differential methylation at individual CpGs in each tissue tested. Volcano plots for each tissue show CpG-specific associations with THC exposure using limma with a factorial design of group and tissue, accounting for within-subject correlation. Each plot depicts the logFC for THC versus CON on the x-axis,  $-\log_{10}(p \text{ values})$  on the y-axis. Percentages indicate relative proportions of nominally significant hypomethylated (blue) and hypermethylated (red) CpGs. The dotted blue line indicates nominal  $p$

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