

A volcano plot showing the relationship between the log₂(Fold Change) on the x-axis and the -log₁₀(p-value) on the y-axis. The x-axis ranges from approximately -15 to 15, with major ticks at -10, 0, and 10. The y-axis ranges from 0 to 4, with major ticks at 1, 2, 3, and 4. A vertical red dashed line is drawn at x=0, and a horizontal red dashed line is drawn at y=1.3. The data points are represented by black dots. There is a dense cluster of points around (0, 1.3), with several points extending upwards to y=4. There are also points at the extremes of the x-axis, particularly at x=-15 and x=15, where y is around 1.3.



100

50

0

-10

0

10