

A density plot showing the distribution of ES values for gene sets. The x-axis represents the ES value, ranging from -0.15 to 0.35, with major ticks at -0.1, 0.0, 0.1, 0.2, and 0.3. The y-axis represents the probability density $P(ES)$, ranging from 0 to 15, with major ticks at 0, 5, 10, and 15. A red curve represents the 'Gene Set Null Density', which is bimodal with a primary peak of approximately 10 at $ES \approx 0.12$ and a secondary peak of approximately 6 at $ES \approx 0.18$. A vertical black line at $ES \approx 0.27$ represents the 'Observed Gene Set ES value'. The area under the red curve to the left of this line is shaded light red. Labels 'Neg. ES "D"' and 'Pos. ES: "A"' are placed below the x-axis at approximately -0.12 and 0.27, respectively.

ES
ES = 0.271 NES = 1.88 Nom. p-val= 0.0208 FWER= 0.92 FDR= 0.0498