

A density plot showing the probability distribution of ES values. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.3 and 0.4. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.549. The area under the red curve to the left of this line is shaded in light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus4"' for the left peak and 'Pos. ES: "clus4"' for the right peak. At the bottom, a summary line provides the following values: ES = -0.549, NES = -1.46, Nom. p-val = 0.0673, FWER = 0.983, and FDR = 1.