The bar chart shows the number of differentially expressed genes (DEGs) based on the absolute value of the log2 ratio of expression levels (S1/H3) for different thresholds:

- **≥ 1**: 2155 up-regulated, 2385 down-regulated
- **≥ 2**: 1141 up-regulated, 637 down-regulated
- **≥ 3**: 705 up-regulated, 195 down-regulated