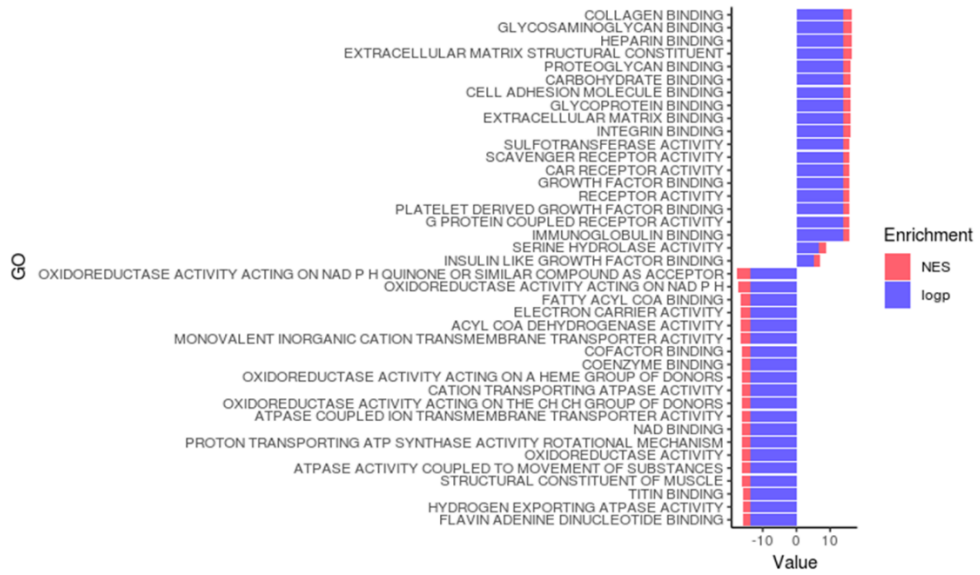Supplemental Figure 9