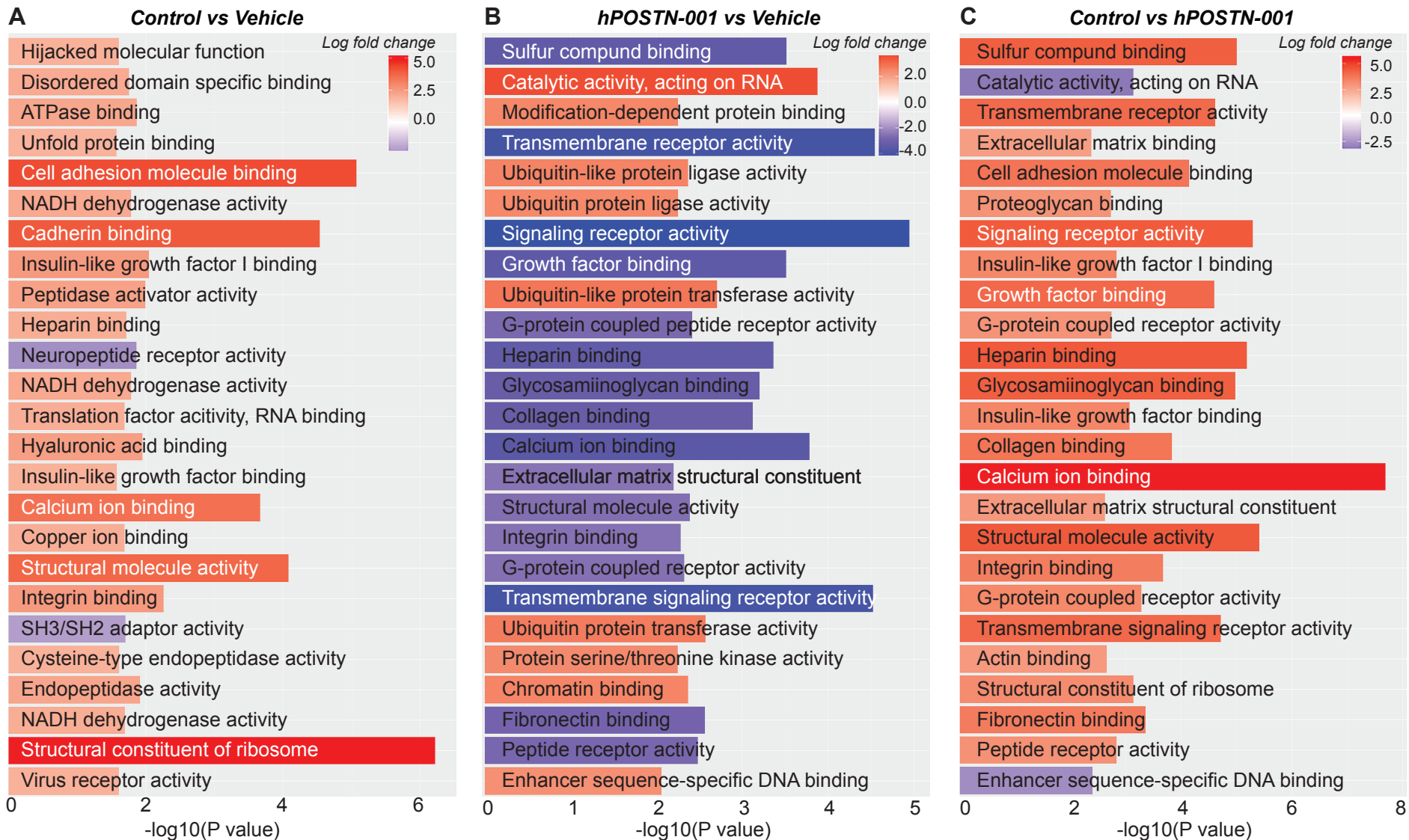


Supplemental Figure 4



Supplemental Figure 4: Molecular function of differentially expressed genes. Barplot of GO biological processes found in the filtered gene list. GAGE_Global_FDR is the Benjamini-Hochberg FDR adjusted P value of two single-sided T-tests on all the log₂ fold changes of every gene found in the Limma results that are members of a given GO term. As a result, GAGE used the co-expressed or co-varying nature of genes within GO terms to determine whether they were up or down regulated on a global scale for each statistical comparison. Top 25 significant biological processes for A. control and vehicle, B. hPOSTN-001 and vehicle, C. control and hPOSTN-001.