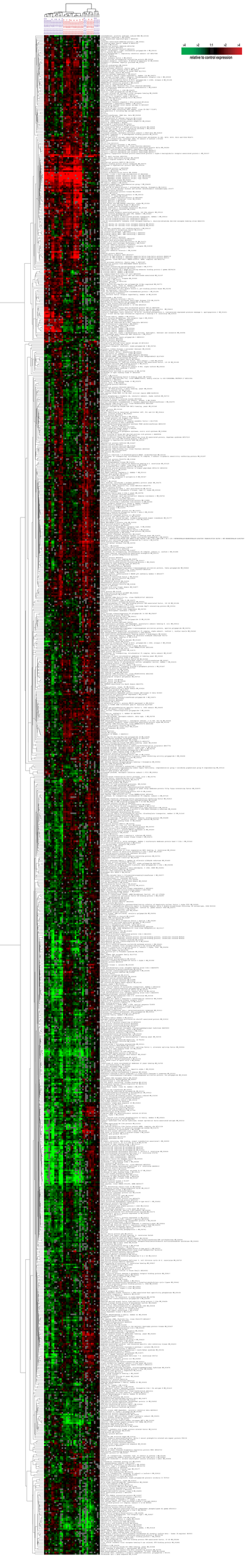Supplemental Materials Figure 1