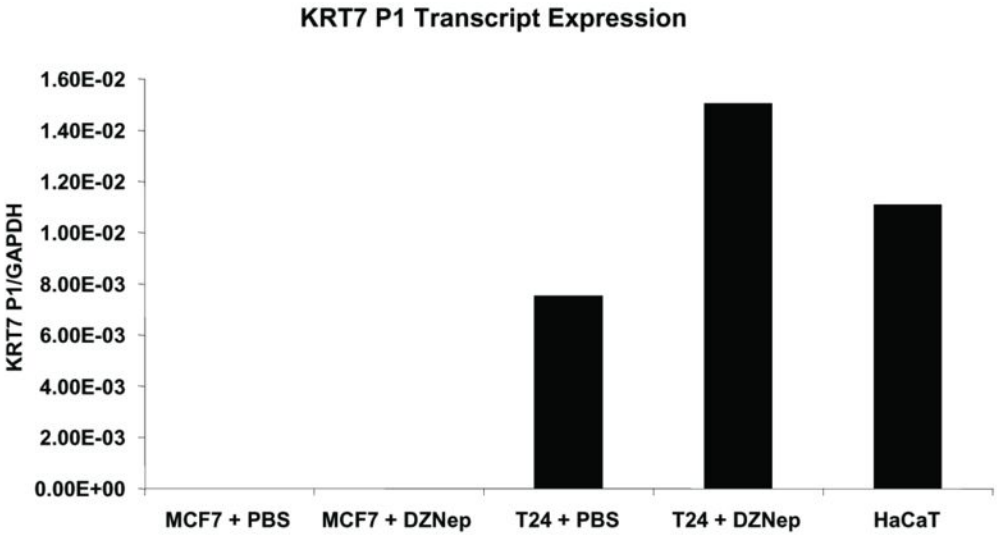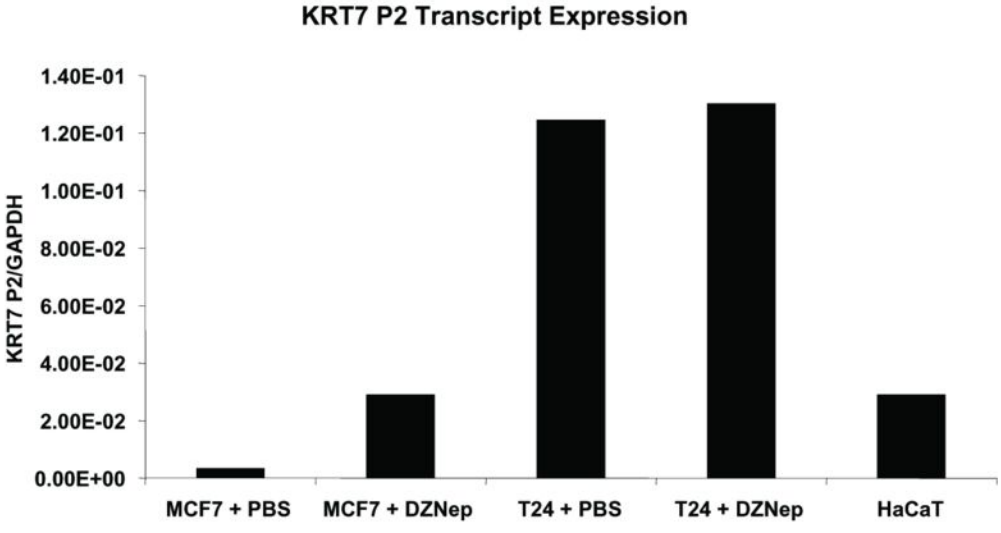Miranda Supplemental Figure 2