



**Figure S4. Z-score difference maps of chromatin interactions between TMZ-treated U251 glioma cells.** Z-score difference maps binned at 40kb resolution for a chromatin region  $\pm$  3Mb from the *HOTAIR* regulatory element show increased (red) and decreased (blue) frequency of chromatin interactions between TMZ-treated U251 glioma cells (TMZ 1mM, 72h) and control cells. Black lines show the location of *HOTAIR* regulatory element, *CALCOCO1* and *ZC3H10*, Blue dots at the cross point between *HOTAIR* regulatory element and *CALCOCO1* or *ZC3H10* indicates decrease of interactions between them. Enlarged views were near the cross point.