



**Figure S2.** AGO4 binding shows no preference towards transposon-rich pericentromeric regions. The graphs show the distribution of AGO4 peaks along the length of the five nuclear chromosomes of *Arabidopsis* (as indicated in the Figure). The corresponding category for each colored dot can be found in the legend. The lower graphs for each chromosome provide the density of genes (red line and y-axis label) and transposable elements (blue line and y-axis label).