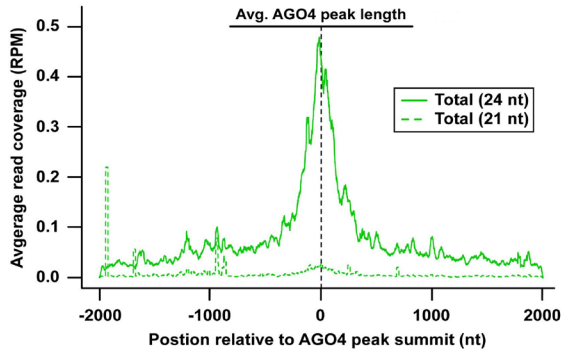


A



B

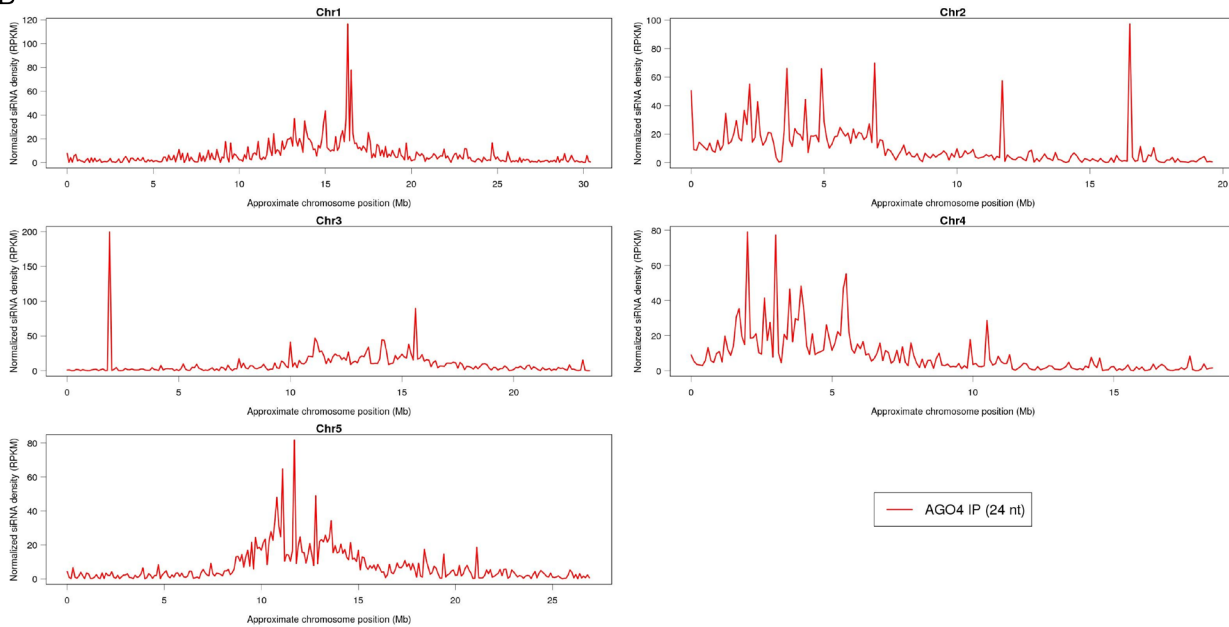


Figure S4. Pattern of AGO4 binding cannot be explained by AGO4-bound siRNAs.

(A) AGO4 binding sites have a significant overlap with previously identified 24 nt but not 21 nt smRNAs. The plot demonstrates the levels of previously identified (Wang *et al.*, 2011) 24 nt (solid green line) and 21 nt (dashed green line) smRNAs. The solid black line at the top of the graph indicates the average AGO4 peak size. The dashed black line denotes the position of AGO4 peak summits.

(B) Density of AGO4-bound 24 nt siRNAs (Wang *et al.*, 2011) along the length of the five nuclear chromosomes of *Arabidopsis*.