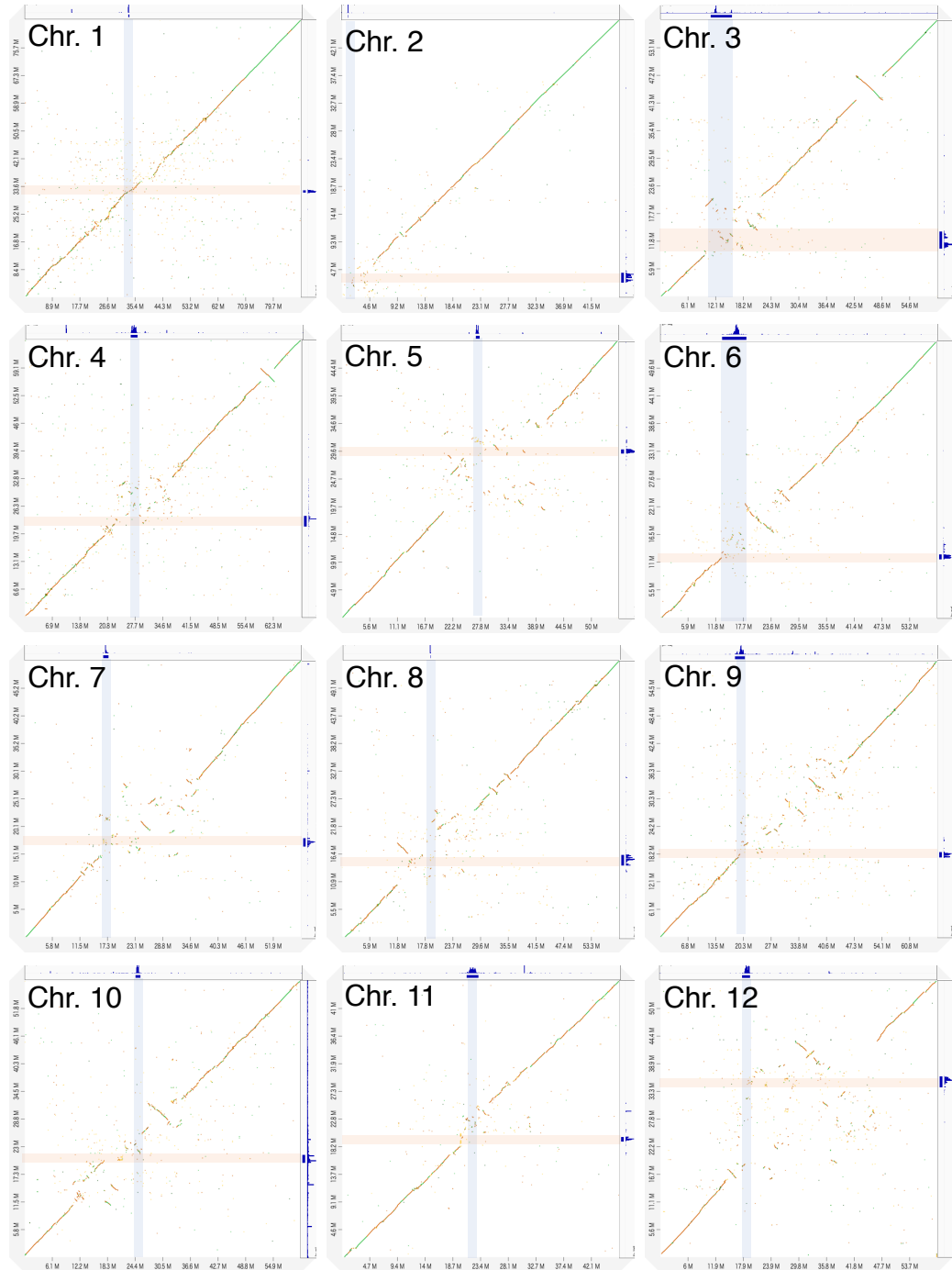


*S. phureja*



**Supplementary Figure 4** Dot plots between *S. verrucosum* and *S. phureja*. ChIP-seq signals against CENH3 protein of *S. verrucosum* and *S. phureja* were shown at right and top of the plot, and highlighted in blue and orange, respectively.