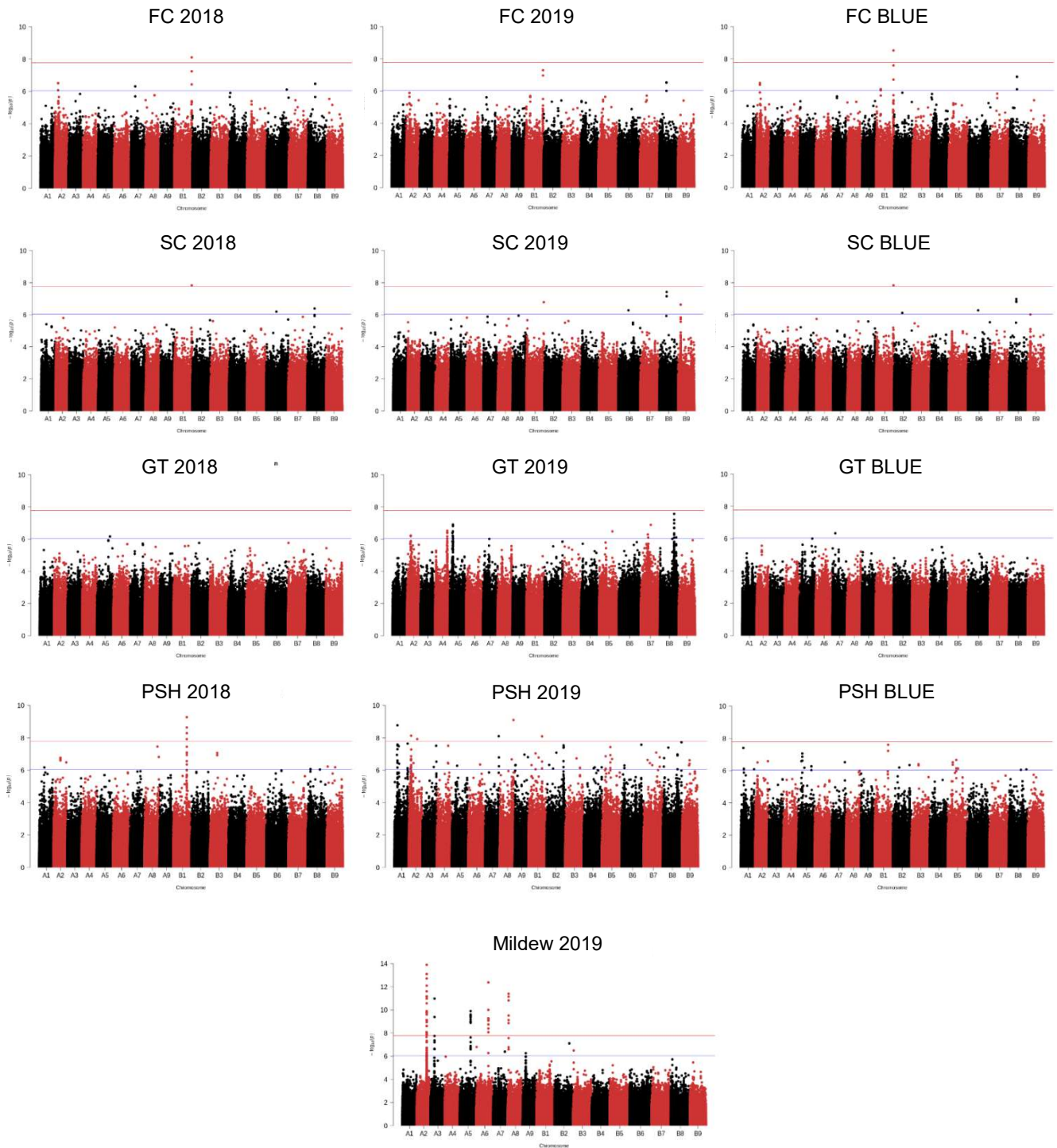


Figure 3-figure supplement 5: *cont.*



**Figure 3-figure supplement 5: cont.**



**Figure 3-figure supplement 5:** Manhattan plots from GWAS with data from 2018 (left), 2019 (center), and the mean of both years (right): The blue horizontal line indicates the suggestive threshold  $-\log_{10}(8.98\text{E-}7)$ . The red horizontal line indicates the significant threshold (Bonferroni correction)  $-\log_{10}(1.67\text{e-}8)$ .