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IMAGE

Evidence for genetic linkage of autism to chromosomes 7 and 4

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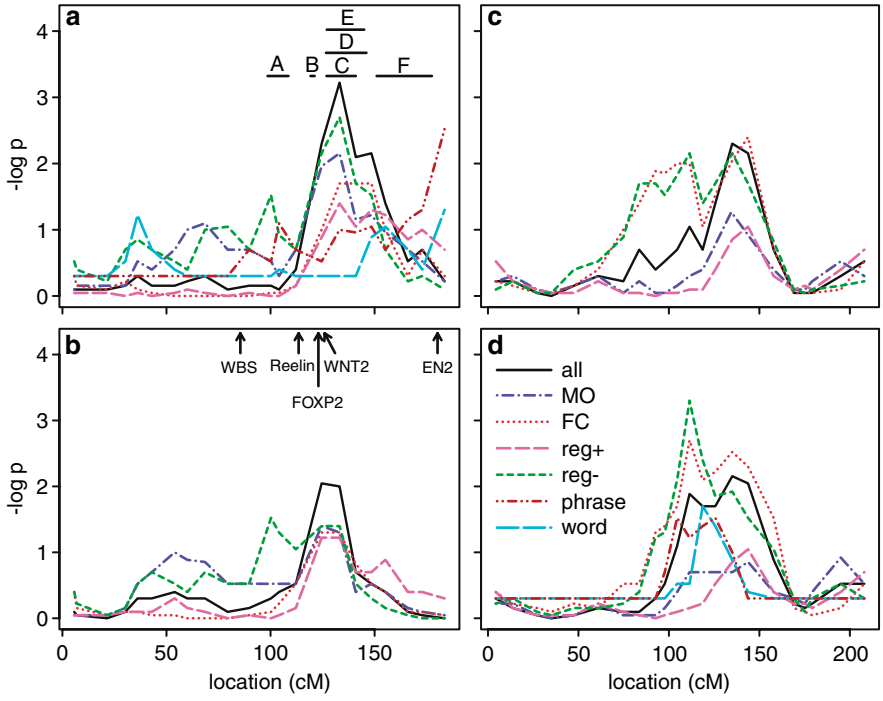

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The plots are of significance levels for linkage of autism to genetic markers on chromosomes 7 and 4 expressed as −log 10 of the *P*-value. The top row (**a**, **c**) is for families with a strict diagnosis of autism and the bottom row (**b**, **d**) is all families, some with a broader diagnostic classification. The left panes (**a**, **b**) are for chromosome 7 and the right panel (**b**, **d**) are for chromosome 4. Lines are: all, all families; MO, male-only families where all affected subjects are male; FC, female containing families where at least one affected subjects is female; reg+, regression positive families; reg-, regression negative families; phrase, age-at-first phrase as a quantitative trait; word, age-at-first word as a quantitative trait. Locations of chromosome 7 genes are indicated by arrows. WBS, Williams-Beuren syndrome region (85.34–87.4 cM). Bars at the top of (**a**) are locations of autism linkage signals from other studies. For more information on this topic, please refer to article by Schellenberg *et al* on pages 1049–1060.