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### Title

Evidence for genetic linkage of autism to chromosomes 7 and 4

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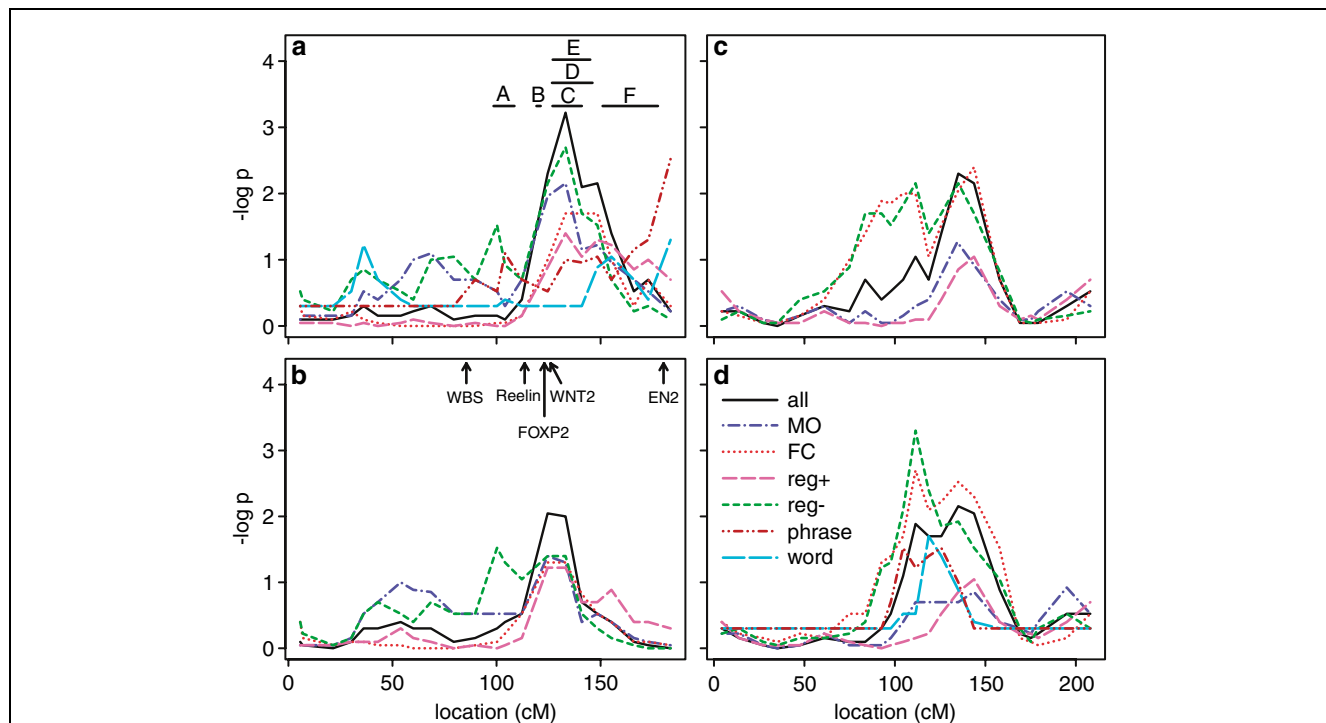
IMAGE

## Evidence for genetic linkage of autism to chromosomes 7 and 4

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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.