Corrigendum

Molecular dissection of the Prader–Willi/Angelman syndrome region (15q11–13) by YAC cloning and FISH analysis


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The authors wish to note an error in the relative order of probes PW71 and TD189-1. The order of PWS/AS probes should be revised as follows:

cen-IR39-ML34-IR4-3R-TD189-1-PW71-LS6-1-TD3-21-GABRB3-IR10-1-CMW1-tel.

The corrected map of the PWS/AS critical region (Figure 4) summarizing probe order from interphase FISH analysis and YAC contig information is provided below. The reversed order of TD189-1 and PW71 was discovered by the analysis of YAC 71B11, a non-chimeric YAC of 700 kb from the CEPH library which was identified with the STS from IR4-3R as indicated in Table 1. This YAC was also positive for an STS from the left end of YAC 307A12, identified with the STS from TD189-1. In confirmation of these results, the right end of 71B11 was positive for 307A12 by hybridization, and an STS from the left end of 71B11 was positive for YACs 172A10 and 495D1. The Alu-PCR dot-blot hybridization experiment in Figure 1a appears to represent a false positive overlap between YACs A156E1 (used as probe) and B58C7 (labeled 58 on the figure). This is possibly due to homologous sequences contained within these two YACs. All other Alu-PCR dot-blot experiments have been confirmed by either YAC end hybridization or by STS analysis.