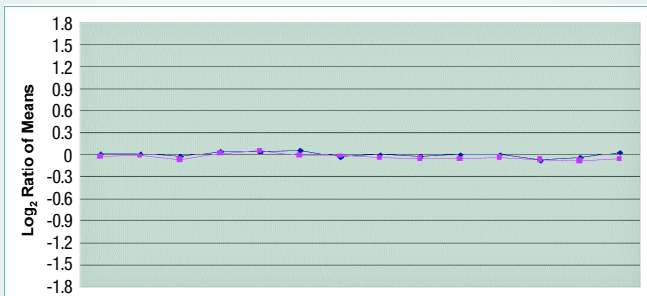


**Profile for deletion of 15q11-13.** Each clone on the plot is arranged along the x-axis according to its location on chromosome 15. The most proximal (centromeric) long-arm clones are on the left and the most distal/telomeric long-arm clones are on the right. The dark blue line represents the control:patient fluorescence intensity ratios for each clone, whereas the pink line represents the fluorescence intensity ratios obtained from a second hybridization in which the dyes have been reversed (patient:control).

## Normal chromosome 15



**Above:** Normal chromosome 15 plot: The normal chromosome 15 plot shows a ratio of 0 on a log<sub>2</sub> scale for all clones. **Below:** Deleted chromosome 15 in an individual with Prader-Willi syndrome: The abnormal chromosome 15 plot shows a plot for individual with a typical del(15)(q11q13). The plot of the deletion of 15q11q13 shows a significant deviation from 0 for those five clones within the deletion region that have a single-copy loss in the individual (arrow). Note that for a deletion, the blue line deviates up and the pink line deviates down.

## Prader-Willi/Angelman deletion

