



**DGAP096: 46,XY,t(3;7)(q23;p15.3),inv(10)(p11.23q25.3)**

At two years of age this dysmorphic male had deep-set eyes, epicanthal folds, large mouth, short nose, large ears, hypoplastic nasal root, and short fingers. In addition to brachycephaly, bilateral hydroceles, an umbilical hernia, and peripheral hypertonia an astrocytoma was also present. Initial FISH studies showed the 10q breakpoint maps distal to RP11-31A20, placing the breakpoint in 10q26. Mapping of the 7p breakpoint has localized the break to an interval in 7p21 flanked by RP11-128J9 and RP11-173P9. Similarly, the 3q breakpoint has been localized to 3q22.3-23, between clones RP11-162J10 and RP11-166D18. Several genes map within these two regions.

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