

Table with columns: No., Label, Size, Ref. size, Size diff., MRC size, Height, Width, Area, Area, Ref. Mean, Ref. SD, Ref. Weigh, Position p-tel, band, Dist. Ratio, in SD, 1.0 low high. Includes sections for Peak Data, Normalized Peak Area, Ctrl: Q-fragments, Reference fragments, 22q most CES, 22q most DGS, 22q after DGS, 4q34.2, 10p14-15, 8p23, 18q21.33, 17p13, 4q21-25, Mean values, Standard deviations.

Quality assessment table with columns: Quality limits, Quality. Rows include Mean A-group area / mean Q-frag. area, Mean height of first probes AB, Mean height of last probes CD, Ratio of mean heights AB/CD ('slope'), Mean group CV of weighted ratio, 1 unidentified peak area / 40 peak areas.

Weighted mean ratios are tested for being outside ratio 1±0.13. One-tailed significance is high for p<=1%, and low for p<=5%. Individual peaks having normalized area > 4.0 SD from the ref. mean and ratio <0.65 or >1.3 indicate 'abnormal' probe area. High significance P= 0.000%. Female & male ref. Loss of 22q

An \*\*\* marks: Size Diff.>0.5, Peak Height>7000, unexpected peak width, and "Dist. in SD">4.0. Ratio group mean and coefficient of variance (CV) are weighted by the ref. weights. Labels A,B,... define normalization groups; a,b,... labeled probes do not contribute to normalization. Mean Rox height is 261 (15 peaks). 100\*CV of ROX heights for peaks above 100 nt is: 22.74 (Ctrl probes are used for quality evaluation only)

1 quality warning!