

Table with columns: No., Label, Size, Ref. size, Size diff., MRC size, Height, Width, Area, Peak Area, Ref. Mean, Ref. SD, Ref. Weigh, Position p-tel band, Dist. Ratio in SD, 1.0 low high. Rows include Ctrl: Q-fragments, Ctrl: D-fragments, Reference fragments, 5p15.1-14, Before SMN, SMN2, Before SMN1, SMN1, SMN1/2, GTF2H2, SMN1/2 like, and Mean values/Standard deviations.

Quality assessment table with columns: Quality limits, Quality. Rows: Not evaluated as < 2 Q-fragments, Mean CpG-area / mean A-group area, Mean height of first probes AB, Mean height of last probes CD, Ratio of mean heights AB/CD ('slope'), CV of Control Probes, 0 unidentified peak areas / 40 peak areas.

SMN1 and SMN2 peaks are assigned the nearest ploidy. Probe ratios close (±0.025) to 0.75 or to 1.25 are difficult. Difference to predicted SMN1/2 level should be inside ±0.125, or at least SMN1/2ex8 should be predicted well.

SMN1 to SMN2 copies look like 2:0 (exon 7) and 2:0 (exon 8) 2:0 and 2:0 for exon 7 & 8 predicts SMN1/2 to 0.50 diff.= 0.008

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. (No Rox peaks are available in the raw data)

(Ctrl probes are used for quality evaluation only)