

| Peak Data | | | | | | | | | | Normalized Peak Area | | | | | | |
|--------------------------------------|-------|--------|-----------|------------|----------------------------|--------|--------|--------------|-----------|----------------------|---------|------------|---------------------|-------------|---------------------|------------------|
| 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 | 1.0 in SD | 1.0 low high |
| 64 | - | | 57.00 | | 64 | | | | | | | | 64 nt | | | |
| 70 | - | | 61.93 | | 70 | | | | | 0.622 | 0.116 | | 70 nt | | | |
| 7 | 76 | 72.61 | 72.78 | -0.17 | 76 | 115 | 14.1 | 1616 | 0.742 | 0.849 | 0.098 | 1.09 | 76 nt | 0.87 | -1.1 | I. |
| 8 | 82 | 78.51 | 78.50 | 0.01 | 82 | 219 | 12.5 | 2737 | 1.258 | 1.530 | 0.210 | 0.91 | 82 nt | 0.82 | -1.3 | II. |
| Ctrl: Q-fragments | | | | | Mean | 167 | 13.3 | 2177 | 1.000 | 1.189 | 0.154 | 1.00 | (CV: 0.04) | 0.85 | | |
| 10 | 2 a | 90.46 | 90.51 | -0.05 | 94 | 5140 | 8.5 | 43915 | 0.844 | 0.825 | 0.089 | 1.00 | 2q14 synt. | 1.02 | 0.2 | . |
| Ctrl: Synthetic control probe | | | | | Mean | 5140 | 8.5 | 43915 | 0.844 | 0.825 | 0.089 | 1.00 | (CV:) | 1.02 | | |
| 13 | 1 A | 135.74 | 135.70 | 0.04 | 139 | 6339 | 8.4 | 53444 | 1.027 | 1.086 | 0.043 | 0.90 | 94.2 1p22-p21 | 0.95 | -1.4 | I. |
| 34 | 2 B | 262.90 | 262.85 | 0.05 | 265 | 4992 | 9.8 | 49152 | 0.926 | 0.942 | 0.037 | 0.91 | 86.2 2p12 | 0.98 | -0.4 | . |
| 16 | 3 A | 155.79 | 155.82 | -0.03 | 157 | 5485 | 9.4 | 51572 | 0.991 | 1.045 | 0.042 | 0.87 | 97.6 3q12 | 0.95 | -1.3 | I. |
| 47 | 4 D | 370.16 | 370.09 | 0.07 | 373 | 2933 | 12.6 | 37041 | 0.818 | 0.843 | 0.041 | 0.74 | 123.7 4q26 | 0.97 | -0.6 | . |
| 46 | 5 C | 362.82 | 362.79 | 0.03 | 364 | 3004 | 12.3 | 36920 | 0.690 | 0.684 | 0.042 | 0.58 | 112.6 5q22 | 1.01 | 0.2 | . |
| 11 | 5 A | 126.75 | 126.83 | -0.08 | 130 | 6539 | 9.2 | 60053 | 1.154 | 1.083 | 0.027 | 1.42 | 132.5 5q31.1 | 1.07 | 2.6 | I. |
| 48 | 7 D | 381.75 | 381.72 | 0.03 | 382 | 4721 | 12.7 | 60063 | 1.327 | 1.323 | 0.026 | 1.82 | 72.2 7q11.23 | 1.00 | 0.2 | . |
| 19 | 8 A | 184.80 | 184.81 | -0.01 | 184 | 5582 | 9.7 | 54120 | 1.040 | 1.042 | 0.027 | 1.38 | 15.5 8p22 | 1.00 | -0.1 | . |
| 55 | 8 D | 452.04 | 452.00 | 0.04 | 454 | 3196 | 14.3 | 45640 | 1.008 | 0.977 | 0.044 | 0.78 | 81.0 8q21 | 1.03 | 0.7 | . |
| 41 | 8 C | 320.40 | 320.46 | -0.06 | 319 | 4136 | 12.2 | 50629 | 0.947 | 0.904 | 0.057 | 0.57 | 142.0 8q24 | 1.05 | 0.8 | . |
| 27 | 10 B | 217.74 | 217.79 | -0.05 | 220 | 5775 | 9.3 | 53439 | 1.007 | 1.015 | 0.028 | 1.31 | 74.9 10q22 | 0.99 | -0.3 | . |
| 21 | 11 A | 191.53 | 191.62 | -0.09 | 193 | 4533 | 10.0 | 45524 | 0.875 | 0.851 | 0.032 | 0.95 | 34.0 11p13 | 1.03 | 0.8 | . |
| 45 | 12 C | 354.88 | 354.86 | 0.02 | 355 | 5020 | 12.5 | 62984 | 1.178 | 1.180 | 0.075 | 0.56 | 04.3 12p13 | 1.00 | 0.0 | . |
| 25 | 12 B | 210.08 | 210.15 | -0.07 | 211 | 4505 | 8.8 | 39659 | 0.747 | 0.816 | 0.037 | 0.78 | 68.4 12q14 | 0.92 | -1.9 | I. |
| 30 | 14 B | 236.03 | 236.11 | -0.08 | 238 | 6283 | 10.5 | 66266 | 1.248 | 1.213 | 0.044 | 0.98 | 18.5 14q12 | 1.03 | 0.8 | . |
| 53 | 17 D | 431.74 | 431.56 | 0.18 | 436 | 3345 | 13.8 | 46008 | 1.016 | 0.996 | 0.033 | 1.06 | 39.8 17q12 NEURO | 1.02 | 0.6 | . |
| 51 | 17 D | 406.87 | 406.78 | 0.09 | 409 | 3125 | 13.5 | 42098 | 0.930 | 0.945 | 0.047 | 0.71 | 39.9 17q21.1 | 0.98 | -0.3 | . |
| 42 | 17 C | 329.56 | 329.70 | -0.14 | 328 | 4607 | 12.0 | 55158 | 1.031 | 1.007 | 0.032 | 1.13 | 43.4 17q21 | 1.02 | 0.8 | . |
| 50 | 17 D | 398.51 | 398.35 | 0.16 | 400 | 3033 | 13.4 | 40718 | 0.900 | 0.917 | 0.019 | 1.69 | 83.2 17q25.3 | 0.98 | -0.9 | . |
| 32 | 21 B | 245.36 | 245.39 | -0.03 | 247 | 5105 | 11.0 | 56352 | 1.062 | 1.039 | 0.043 | 0.85 | 12.4 21q11 | 1.02 | 0.5 | . |
| Reference fragments | | | | | Mean | 4613 | 11.3 | 50342 | 0.996 | 0.995 | 0.039 | 1.00 | (CV: 0.04) | 1.00 | | |
| 38 | 17 C | 289.68 | 289.72 | -0.04 | 292 | 5973 | 11.8 | 70494 | 1.318 | 1.372 | 0.118 | 0.66 | 00.9 17p13 Gemin4 | 0.96 | -0.5 | . |
| 39 | 17 C | 301.33 | 301.41 | -0.08 | 301 | 3735 | 12.0 | 44670 | 0.835 | 0.854 | 0.036 | 1.34 | 03.7 17p13 ASPA | 0.98 | -0.5 | . |
| Control probes before CMT1 | | | | | Mean | 4854 | 11.9 | 57582 | 1.077 | 1.113 | 0.077 | 1.00 | (CV: 0.01) | 0.97 | | |
| 15 | 17 a | 145.12 | 145.13 | -0.01 | 148 | 6783 | 9.0 | 61210 | 1.177 | 1.132 | 0.097 | 0.83 | 13.1 17p12 Close C | 1.04 | 0.5 | . |
| 44 | 17 c | 346.25 | 346.23 | 0.02 | 346 | 2815 | 12.4 | 34892 | 0.652 | 0.644 | 0.033 | 1.40 | 14.0 17p12 Close C | 1.01 | 0.3 | . |
| 54 | 17 d | 442.61 | 442.52 | 0.09 | 445 | 2220 | 13.6 | 30173 | 0.667 | 0.656 | 0.060 | 0.78 | 14.6 17p12 Close C | 1.02 | 0.2 | . |
| Before CMT1 | | | | | Mean | 3939 | 11.7 | 42092 | 0.832 | 0.811 | 0.063 | 1.00 | (CV: 0.01) | 1.02 | | |
| 52 | 17 d | 415.51 | 415.37 | 0.14 | 418 | 3769 | 13.6 | 51215 | 1.132 | 0.787 | 0.030 | 1.37 | 15.2 17p12 COX10 | 1.44 | 11.7 * | |
| 49 | 17 d | 389.37 | 389.32 | 0.05 | 391 | 5228 | 13.4 | 70085 | 1.548 | 1.046 | 0.055 | 0.97 | 15.2 17p12 COX10 | 1.48 | 9.1 * | |
| 43 | 17 c | 338.59 | 338.68 | -0.09 | 337 | 5167 | 12.2 | 63261 | 1.183 | 0.741 | 0.053 | 0.72 | 16.3 17p12 PMP22 | 1.60 | 8.3 * | |
| 40 | 17 c | 310.57 | 310.65 | -0.08 | 310 | 7059 * | 13.6 * | 96192 | 1.799 | 1.305 | 0.075 | 0.89 | 16.3 17p12 PMP22 | 1.38 | 6.5 * | |
| 37 | 17 b | 281.69 | 281.64 | 0.05 | 283 | 6763 | 13.8 * | 93592 | 1.763 | 1.177 | 0.075 | 0.80 | 16.3 17p12 PMP22 | 1.50 | 7.8 * | |
| 33 | 17 b | 254.89 | 254.85 | 0.04 | 256 | 6713 | 11.3 | 75598 | 1.424 | 0.853 | 0.059 | 0.74 | 16.3 17p12 PMP22 | 1.67 | 9.6 * | |
| 29 | 17 b | 227.34 | 227.38 | -0.04 | 229 | 6846 | 10.4 | 71004 | 1.338 | 0.861 | 0.035 | 1.26 | 16.3 17p12 PMP22 | 1.55 | 13.6 * | |
| 23 | 17 a | 199.89 | 199.92 | -0.03 | 202 | 6682 | 9.9 | 65864 | 1.266 | 0.832 | 0.034 | 1.25 | 16.3 17p12 TEKT3 | 1.52 | 12.7 * | |
| CMT1 | | | | | Mean | 6028 | 12.3 | 73351 | 1.432 | 0.950 | 0.052 | 1.00 | (CV: 0.06) | 1.51 | | P= 0.000% |
| 18 | 17 a | 174.96 | 175.02 | -0.06 | 175 | 3224 | 9.4 | 30204 | 0.581 | 0.497 | 0.084 | 1.00 | 16.7 17p11.2 Close | 1.17 | 1.0 | |
| After CMT1 | | | | | Mean | 3224 | 9.4 | 30204 | 0.581 | 0.497 | 0.084 | 1.00 | (CV:) | 1.17 | | |
| 17 | 17 A | 164.76 | 164.82 | -0.06 | 166 | 5013 | 9.5 | 47417 | 0.911 | 0.893 | 0.035 | 1.18 | 18.0 17p11.2 Close | 1.02 | 0.5 | . |
| 36 | 17 B | 271.90 | 272.06 | -0.16 | 274 | 5079 | 10.6 | 53621 | 1.010 | 0.974 | 0.054 | 0.82 | 19.3 17p11.2 Close | 1.04 | 0.7 | . |
| Control probes after CMT1 | | | | | Mean | 5046 | 10.0 | 50519 | 0.961 | 0.933 | 0.045 | 1.00 | (CV: 0.01) | 1.03 | | |
| Mean values | | | -0.01 | | 4870 | 11.4 | 54620 | 1.070 | 0.959 | 0.047 | 3 | | | 1.12 | Total of all except | |
| Standard deviations | | | 0.08 | | (Coef. of variance: 0.280) | | | 0.283 | 0.196 | | | | | 0.22 | Ctrl and '?' peaks | |

| Quality assessment | Quality limits | Quality |
|---|----------------|------------------|
| Mean A-group area / mean Q-frag. area | >0.65 (1.50) | 23.90 |
| Mean height of first probes AB | > 450 (800) | 5436 |
| Mean height of last probes CD | > 280 (500) | 3902 |
| Ratio of mean heights AB/CD ('slope') | <3.00 (2.50) | 1.39 |
| CV of Control Probes | <0.20 (0.15) | 0.04 |
| 9 unidentified peak areas / 37 peak areas | < (0.02) | 0.02 high |

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.**
Gain of CMT1

1 quality warning!

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 698 (15 peaks). 100*CV of ROX heights for peaks above 100 nt is: 3.61

(Ctrl probes are used for quality evaluation only)