

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				
5	70	-	62.00	61.93	0.07	70	134	14.0	1876	0.794	0.622	0.116	0.75	70 nt	1.28	1.5	III
6	76	-	72.72	72.78	-0.06	76	141	16.4	2309	0.977	0.849	0.098	1.22	76 nt	1.15	1.3	II
7	82	-	78.41	78.50	-0.09	82	170	17.1	2902	1.228	1.530	0.210	1.03	82 nt	0.80	-1.4	II
Ctrl: Q-fragments					Mean	148	15.8	2362	1.000	1.000	0.141	1.00	(CV: 0.22)	1.06			
8	2 a	90.61	90.51	0.10	94	2895	9.6	27928	0.825	0.825	0.089	1.00	2q14 synt.	1.00	0.0	.	
Ctrl: Synthetic control probe					Mean	2895	9.6	27928	0.825	0.825	0.089	1.00	(CV:)	1.00			
10	1 A	135.73	135.70	0.03	139	3699	10.2	37892	1.119	1.086	0.043	0.90	94.2 1p22-p21	1.03	0.8	.	
24	2 B	262.84	262.85	-0.01	265	2782	12.8	35672	0.980	0.942	0.037	0.91	86.2 2p12	1.04	1.0	.	
12	3 A	155.74	155.82	-0.08	157	3206	10.7	34238	1.011	1.045	0.042	0.87	97.6 3q12	0.97	-0.8	.	
36	4 D	369.90	370.09	-0.19	373	1800	14.4	25903	0.822	0.843	0.041	0.74	123.7 4q26	0.98	-0.5	.	
35	5 C	362.58	362.79	-0.21	364	1909	13.7	26150	0.734	0.684	0.042	0.58	112.6 5q22	1.07	1.2	↓	
9	5 A	126.86	126.83	0.03	130	3690	9.9	36392	1.075	1.083	0.027	1.42	132.5 5q31.1	0.99	-0.3	.	
37	7 D	381.67	381.72	-0.05	382	2870	14.4	41388	1.313	1.323	0.026	1.82	72.2 7q11.23	0.99	-0.4	.	
15	8 A	184.79	184.81	-0.02	184	3227	11.2	36136	1.067	1.042	0.027	1.38	15.5 8p22	1.02	0.9	.	
44	8 D	452.03	452.00	0.03	454	2147	15.1	32355	1.026	0.977	0.044	0.78	81.0 8q21	1.05	1.1	↓	
30	8 C	320.64	320.46	0.18	319	2454	13.9	34093	0.957	0.904	0.057	0.57	142.0 8q24	1.06	0.9	↓	
19	10 B	217.81	217.79	0.02	220	3099	11.8	36460	1.002	1.015	0.028	1.31	74.9 10q22	0.99	-0.5	.	
16	11 A	191.73	191.62	0.11	193	2537	11.7	29645	0.875	0.851	0.032	0.95	34.0 11p13	1.03	0.8	.	
34	12 C	354.76	354.86	-0.10	355	3072	13.8	42406	1.190	1.180	0.075	0.56	04.3 12p13	1.01	0.1	.	
18	12 B	210.25	210.15	0.10	211	2748	11.4	31339	0.861	0.816	0.037	0.78	68.4 12q14	1.05	1.2	↓	
21	14 B	236.22	236.11	0.11	238	3556	12.1	42882	1.178	1.213	0.044	0.98	18.5 14q12	0.97	-0.8	.	
42	17 D	431.40	431.56	-0.16	436	2110	14.7	30991	0.983	0.996	0.033	1.06	39.8 17q12 NEURO	0.99	-0.4	.	
40	17 D	406.69	406.78	-0.09	409	1958	15.0	29296	0.929	0.945	0.047	0.71	39.9 17q21.1	0.98	-0.3	.	
31	17 C	329.91	329.70	0.21	328	2801	13.6	38126	1.070	1.007	0.032	1.13	43.4 17q21	1.06	2.0	↓	
39	17 D	398.18	398.35	-0.17	400	1919	15.2	29188	0.926	0.917	0.019	1.69	83.2 17q25.3	1.01	0.5	.	
22	21 B	245.50	245.39	0.11	247	2799	12.3	34539	0.949	1.039	0.043	0.85	12.4 21q11	0.91	-2.1	↓	
Reference fragments					Mean	2719	12.9	34255	1.003	0.995	0.039	1.00	(CV: 0.04)	1.01			
27	17 C	289.78	289.72	0.06	292	3217	13.4	42980	1.206	1.372	0.118	0.66	00.9 17p13 Gemin4	0.88	-1.4	↓	
28	17 C	301.51	301.41	0.10	301	2308	13.0	30041	0.843	0.854	0.036	1.34	03.7 17p13 ASPA	0.99	-0.3	.	
Control probes before CMT1					Mean	2763	13.2	36511	1.025	1.113	0.077	1.00	(CV: 0.08)	0.95			
11	17 a	145.18	145.13	0.05	148	4196	10.2	42705	1.261	1.132	0.097	0.83	13.1 17p12 Close C	1.11	1.3	↓	
33	17 c	346.21	346.23	-0.02	346	1627	13.8	22394	0.628	0.644	0.033	1.40	14.0 17p12 Close C	0.98	-0.5	.	
43	17 d	442.46	442.52	-0.06	445	1582	14.3	22548	0.715	0.656	0.060	0.78	14.6 17p12 Close C	1.09	1.0	↓	
Before CMT1					Mean	2468	12.7	29216	0.868	0.811	0.063	1.00	(CV: 0.07)	1.04			
41	17 d	415.24	415.37	-0.13	418	1695	14.6	24727	0.784	0.787	0.030	1.37	15.2 17p12 COX10	1.00	-0.1	.	
38	17 d	389.24	389.32	-0.08	391	2244	15.2	34013	1.079	1.046	0.055	0.97	15.2 17p12 COX10	1.03	0.6	.	
32	17 c	338.80	338.68	0.12	337	1914	13.6	25936	0.728	0.741	0.053	0.72	16.3 17p12 PMP22	0.98	-0.3	.	
29	17 c	310.79	310.65	0.14	310	3644	13.4	48935	1.373	1.305	0.075	0.89	16.3 17p12 PMP22	1.05	0.9	↓	
26	17 b	281.71	281.64	0.07	283	3554	12.4	44006	1.209	1.177	0.075	0.80	16.3 17p12 PMP22	1.03	0.4	.	
23	17 b	254.89	254.85	0.04	256	2487	12.3	30634	0.842	0.853	0.059	0.74	16.3 17p12 PMP22	0.99	-0.2	.	
20	17 b	227.48	227.38	0.10	229	2720	11.7	31913	0.877	0.861	0.035	1.26	16.3 17p12 PMP22	1.02	0.5	.	
17	17 a	200.00	199.92	0.08	202	2547	11.4	28927	0.854	0.832	0.034	1.25	16.3 17p12 TEKT3	1.03	0.7	.	
CMT1					Mean	2601	13.1	33636	0.968	0.950	0.052	1.00	(CV: 0.02)	1.02			
14	17 a	175.03	175.02	0.01	175	1400	10.7	14969	0.442	0.497	0.084	1.00	16.7 17p11.2 Close	0.89	-0.7	↓	
After CMT1					Mean	1400	10.7	14969	0.442	0.497	0.084	1.00	(CV:)	0.89			
13	17 A	164.71	164.82	-0.11	166	2705	10.7	28901	0.853	0.893	0.035	1.18	18.0 17p11.2 Close	0.96	-1.1	.	
25	17 B	272.17	272.06	0.11	274	2915	12.9	37473	1.030	0.974	0.054	0.82	19.3 17p11.2 Close	1.06	1.0	↓	
Control probes after CMT1					Mean	2810	11.8	33187	0.942	0.933	0.045	1.00	(CV: 0.07)	1.00			
Mean values				0.01	2643	12.8	33228	0.966	0.959	0.047	3			1.01	Total of all except		
Standard deviations				0.11	(Coef. of variance: 0.216)			0.198	0.196					0.05	Ctrl and '?' peaks		

Quality assessment	Quality limits	Quality
Mean A-group area / mean Q-frag. area	>0.65 (1.50)	14.34
Mean height of first probes AB	> 450 (800)	3080
Mean height of last probes CD	> 280 (500)	2380
Ratio of mean heights AB/CD ('slope')	<3.00 (2.50)	1.29
CV of Control Probes	<0.20 (0.15)	0.04
0 unidentified peak areas / 37 peak areas	< (0.02)	0.00

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.

Female & male ref.
Normal probes

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 543 (15 peaks). 100°CV of ROX heights for peaks above 100 nt is: 3.13

(Ctrl probes are used for quality evaluation only)