

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	low high	
14	64 -	60.49	60.80	-0.31	64	434	11.7	5087	1.344	1.431	0.154	0.91	64 nt	0.94	-0.6	.	
15	70 -	66.35	66.75	-0.40	70	362	11.6	4202	1.110	0.941	0.128	0.72	70 nt	1.18	1.3	..	
16	76 -	72.74	73.02	-0.28	76	279	11.4	3176	0.839	0.887	0.057	1.52	Distance 76 nt	0.95	-0.8	.	
17	82 -	78.71	79.22	-0.51*	82	196	13.6	2673	0.706	0.741	0.085	0.85	to . 82 nt	0.95	-0.4	.	
Ctrl: Q-fragments					Mean	318	12.1	3785	1.000	1.000	0.106	1.00	(CV: 0.11)	0.99			
18	6 a	85.62	85.77	-0.15	88	3412	10.1*	34608	2.070	1.918	1.994	0.17	p- . 6p21.3 CpG isl.	1.08	0.1	.	
19	2 a	90.97	91.16	-0.19	92	1926	6.0	11486	0.687	0.631	0.081	1.34	telomere 2q14 synt.	1.09	0.7	.	
20	1 a	97.08	97.23	-0.15	96	1261	6.3	7929	0.474	0.491	0.057	1.49	MV36 kb 1p36.3 CpG isl.	0.96	-0.3	.	
Ctrl: D-fragments					Mean	2200	7.5	18008	1.077	1.014	0.711	1.00	(CV: 0.07)	1.03			
58	17 D	407.87	407.87	0.00	410	849	7.6	6448	0.749	0.868	0.079	0.81	69 17p13.3	0.86	-1.5	.	
62	17 D	438.27	438.31	-0.04	439	750	7.8	5846	0.679	0.700	0.091	0.56	177 17p13.3	0.97	-0.2	.	
22	17 A	128.94	129.05	-0.11	129	2602	5.9	15442	0.923	0.848	0.070	0.89	591 17p13.3	1.09	1.1	.	
46	17 C	291.01	290.92	0.09	291	1895	6.7	12636	1.103	1.232	0.104	0.87	596 17p13.3	0.90	-1.2	.	
27	17 A	162.04	162.09	-0.05	160	2533	6.2	15678	0.938	0.907	0.052	1.27	1211 17p13.3	1.03	0.6	.	
53	17 C	354.37	354.32	0.05	354	1054	7.2	7609	0.664	0.619	0.056	0.81	1250 17p13.3	1.07	0.8	.	
52	17 C	346.94	346.98	-0.04	347	1241	6.8	8454	0.738	0.772	0.086	0.66	1490 17p13.3	0.96	-0.4	.	
57	17 D	390.00	389.88	0.12	391	1786	7.4	13226	1.536	1.480	0.089	1.21	1694 17p13.3	1.04	0.6	.	
26	17 A	154.63	154.79	-0.16	153	3854	6.1	23420	1.401	1.291	0.097	0.97	1738 17p13.3	1.09	1.1	.	
63	17 D	444.73	444.81	-0.08	447	1330	7.9	10560	1.226	1.231	0.148	0.61	1893 17p13.3	1.00	0.0	.	
54	17 C	363.45	363.38	0.07	364	908	7.2	6577	0.574	0.517	0.068	0.55	1905 17p13.3	1.11	0.8	.	
41	17 B	248.95	248.90	0.05	250	2613	6.3	16400	1.033	1.098	0.064	1.25	2173 17p13.3	0.94	-1.0	.	
33	17 B	201.48	201.53	-0.05	200	2589	6.1	15821	0.997	1.053	0.045	1.71	2236 17p13.3	0.95	-1.2	.	
29	17 A	177.68	177.73	-0.05	176	1853	6.2	11445	0.684	0.727	0.050	1.06	2517 17p13.3	0.94	-0.8	.	
43	17 B	263.95	263.93	0.02	264	1748	6.5	11319	0.713	0.695	0.029	1.76	3344 17p13.3	1.03	0.6	.	
17p					Mean	1840	6.8	12059	0.931	0.936	0.075	1.00	(CV: 0.07)	1.00			
37	18 B	224.64	224.68	-0.04	224	3403	6.3	21416	1.349	1.240	0.119	0.72	204 18p11.32	1.09	0.9	.	
45	18 C	281.46	281.51	-0.05	283	3270	6.6	21589	1.884	1.802	0.174	0.71	336 18p11.32	1.05	0.5	.	
30	18 A	184.22	184.32	-0.10	183	3550	6.2	22183	1.327	1.317	0.073	1.24	570 18p11.32	1.01	0.1	.	
42	18 B	255.54	255.53	0.01	256	4340	6.3	27337	1.723	1.664	0.087	1.32	662 18p11.32	1.04	0.7	.	
23	18 A	133.71	133.88	-0.17	134	4187	5.9	24792	1.483	1.463	0.074	1.36	665 18p11.32	1.01	0.3	.	
50	18 C	326.00	326.17	-0.17	326	1264	6.7	8518	0.744	0.705	0.168	0.29	900 18p11.32	1.05	0.2	.	
66	18 D	469.50	469.48	0.02	472	1598	8.1	12970	1.506	1.439	0.115	0.86	2950 18p11.31	1.05	0.6	.	
34	18 B	206.81	206.86	-0.05	206	1991	6.1	12055	0.760	0.762	0.035	1.50	3447 18p11.31	1.00	-0.1	.	
18p					Mean	2950	6.5	18858	1.347	1.299	0.106	1.00	(CV: 0.03)	1.03			
60	19 D	424.69	424.67	0.02	427	1145	7.7	8820	1.024	1.030	0.063	1.02	238 19p13.3	0.99	-0.1	.	
35	19 B	213.51	213.58	-0.07	213	2460	6.3	15414	0.971	1.032	0.081	0.80	807 19p13.3	0.94	-0.7	.	
48	19 C	309.56	309.61	-0.05	310	2513	6.7	16721	1.460	1.419	0.075	1.19	870 19p13.3	1.03	0.6	.	
39	19 B	237.36	237.42	-0.06	238	1689	6.3	10578	0.667	0.713	0.047	0.95	1171 19p13.3	0.94	-1.0	.	
49	19 C	317.91	317.99	-0.08	319	1206	6.8	8157	0.712	0.741	0.045	1.02	1172 19p13.3	0.96	-0.6	.	
31	19 A	190.13	190.26	-0.13	189	1831	6.1	11177	0.668	0.762	0.068	0.70	1583 19p13.3	0.88	-1.4	.	
24	19 A	138.88	139.06	-0.18	139	2077	6.0	12384	0.741	0.853	0.089	0.60	2741 19p13.3	0.87	-1.3	.	
47	19 C	300.47	300.50	-0.03	302	2144	6.6	14185	1.238	1.267	0.046	1.73	3546 19p13.3	0.98	-0.6	.	
55	19 C	373.66	373.64	0.02	375	1438	7.2	10333	0.902	0.893	0.056	1.00	3551 19p13.3	1.01	0.2	.	
19p					Mean	1834	6.6	11974	0.931	0.968	0.063	1.00	(CV: 0.05)	0.97			
61	20 D	431.46	431.47	-0.01	433	518	7.5	3901	0.453	0.450	0.038	0.54	218 20p13	1.01	0.1	.	
44	20 C	274.30	274.37	-0.07	275	1833	6.5	11885	1.037	1.101	0.062	0.80	320 20p13	0.94	-1.0	.	
64	20 D	454.38	454.40	-0.02	457	1250	7.8	9698	1.126	1.129	0.061	0.84	412 20p13	1.00	0.0	.	
32	20 A	196.57	196.68	-0.11	196	3095	6.0	18495	1.106	1.105	0.057	0.88	1853 20p13	1.00	0.0	.	
59	20 D	417.10	417.11	-0.01	419	916	7.5	6862	0.797	0.816	0.063	0.59	1867 20p13	0.98	-0.3	.	
56	20 D	379.94	379.81	0.13	381	1366	7.6	10317	1.198	1.176	0.041	1.30	1909 20p13	1.02	0.5	.	
36	20 B	219.53	219.56	-0.03	219	2690	6.2	16612	1.047	1.025	0.040	1.16	2238 20p13	1.02	0.5	.	
38	20 B	231.23	231.30	-0.07	231	2350	6.2	14481	0.912	0.915	0.021	1.96	2263 20p13	1.00	-0.1	.	
28	20 A	171.32	171.42	-0.10	170	2189	6.1	13281	0.794	0.820	0.043	0.87	3600 20p13	0.97	-0.6	.	
40	20 B	243.27	243.27	0.00	244	2047	6.2	12781	0.805	0.804	0.057	0.64	3602 20p13	1.00	0.0	.	
51	20 C	336.86	337.01	-0.15	337	1506	7.0	10531	0.919	0.933	0.025	1.71	4721 20p13	0.99	-0.5	.	
25	20 A	147.87	148.04	-0.17	147	2521	6.1	15276	0.914	0.907	0.037	1.10	4751 20p13	1.01	0.2	.	
65	20 D	461.31	461.27	0.04	464	739	7.9	5873	0.682	0.682	0.051	0.60	5046 20p12.3	1.00	0.0	.	
20p					Mean	1771	6.8	11538	0.907	0.912	0.046	1.00	(CV: 0.02)	1.00			
Mean values				-0.04		2016	6.7	13100	0.998	1.000	0.070	3		1.00	Total of all except		
Standard deviations				0.08	(Coef. of variance:	0.408)			0.325	0.303				0.05	Ctrl and '?' peaks		
Quality assessment					Quality limits			Quality		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.							
Mean A-group area / mean Q-frag. area					>0.65 (1.50)			4.42		Female & male ref. Normal probes							
Mean CpG-area / mean A-group area					>0.30 (0.65)			1.27									
Mean height of first probes AB					> 450 (800)			2646									
Mean height of last probes CD					> 280 (500)			1414									
Ratio of mean heights AB/CD ('slope')					<3.00 (2.50)			1.87									
Mean group CV of weighted ratio					<0.20 (0.15)			0.04									
1 unidentified peak area / 48 peak areas					< (0.02)			0.00									

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 361 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.10

(Ctrl probes are used for quality evaluation only)