

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 -	60.97	60.74	0.23	64	421	12.0	5057	1.131	1.260	0.141	1.25	64 nt	0.90	-0.9	.
15	70 -	66.84	66.76	0.08	70	281	13.3	3740	0.836	0.847	0.168	0.70	70 nt	0.99	-0.1	.
16	76 -	73.26	73.03	0.23	76	415	11.7	4851	1.085	0.974	0.102	1.34	76 nt	1.11	1.1	.
17	82 -	79.45	79.28	0.17	82	298	14.2	4241	0.948	0.920	0.180	0.71	82 nt	1.03	0.2	.
Ctrl: Q-fragments					Mean	354	12.8	4472	1.000	1.000	0.148	1.00	(CV: 0.10)	1.01		
18	6 a	85.92	85.74	0.18	88	2127	5.5	11709	1.084	1.643	0.827	0.30	Distance 6p21.3 CpG isl.	0.66	-0.7	.
20	2 a	91.38	91.15	0.23	92	1769	5.6	9923	0.919	0.959	0.064	2.28	to . 2q14 synt.	0.96	-0.6	.
21	1 a	97.46	97.19	0.27	96	1139	6.1	6981	0.647	0.783	0.286	0.42	p- . 1p36.3 CpG isl.	0.83	-0.5	.
Ctrl: D-fragments					Mean	1678	5.7	9538	0.883	1.128	0.392	1.00	(CV: 0.13)	0.91		
22	X a	101.17	100.98	0.19	100	2252	5.8	13070	1.210	0.640	0.116	1.00	telomere Xq23	1.89	4.9*	
	Y a		105.52		105					0.857	0.083		MV36 kb Yq11.21			
Ctrl: X- & Y-fragments (male ref.)					Mean	2252	5.8	13070	1.210	0.640	0.116	1.00	(CV:)	1.89		
50	9 C	320.25	320.34	-0.09	319	1957	6.6	12949	1.047	1.103	0.053	1.40	370 9p24.3	0.95	-1.1	.
33	9 A	190.98	190.88	0.10	190	1754	5.8	10187	0.943	0.917	0.067	0.92	387 9p24.3	1.03	0.4	.
58	9 D	396.27	396.08	0.19	398	1423	7.1	10167	0.907	0.927	0.066	0.93	832 9p24.3	0.98	-0.3	.
47	9 C	290.13	290.13	0.00	292	1956	6.4	12553	1.015	1.054	0.085	0.82	981 9p24.3	0.96	-0.5	.
51	9 C	328.21	328.32	-0.11	328	1942	6.7	12979	1.050	1.078	0.107	0.67	1044 9p24.3	0.97	-0.3	.
27	9 A	153.48	153.39	0.09	154	1514	5.9	8931	0.827	0.860	0.064	0.90	2094 9p24.2	0.96	-0.5	.
31	9 A	178.48	178.34	0.14	178	1926	5.8	11120	1.030	1.175	0.095	0.82	2172 9p24.2	0.88	-1.5	.
35	9 B	201.92	201.75	0.17	202	2696	6.0	16216	1.105	1.122	0.039	1.93	2630 9p24.2	0.99	-0.4	.
32	9 A	184.06	183.92	0.14	184	2660	5.9	15742	1.458	1.382	0.089	1.03	2644 9p24.2	1.06	0.9	.
55	9 C	363.93	363.83	0.10	364	1121	7.1	8015	0.648	0.739	0.075	0.65	4481 9p24.1	0.88	-1.2	.
43	9 B	255.58	255.48	0.10	256	2797	6.4	17765	1.211	1.147	0.081	0.94	5113 9p24	1.06	0.8	.
9p					Mean	1977	6.3	12420	1.022	1.046	0.075	1.00	(CV: 0.06)	0.98		
56	10 C	378.55	378.47	0.08	378	1050	6.8	7177	0.580	0.590	0.009	2.81	246 10p15.3	0.98	-1.1	.
24	10 A	133.96	133.85	0.11	136	2510	5.9	14725	1.364	1.348	0.071	0.82	278 10p15.3	1.01	0.2	.
63	10 D	444.58	444.35	0.23	445	1291	7.5	9631	0.860	0.838	0.016	2.28	313 10p15.3	1.03	1.4	.
62	10 D	435.06	434.87	0.19	436	1424	7.4	10469	0.934	0.905	0.078	0.50	522 10p15.3	1.03	0.4	.
38	10 B	220.20	220.14	0.06	220	2126	6.1	13026	0.888	0.888	0.070	0.55	1080 10p15.3	1.00	0.0	.
36	10 B	210.04	209.85	0.19	209	1923	6.0	11485	0.783	0.800	0.105	0.33	1411 10p15.3	0.98	-0.2	.
28	10 A	160.00	159.88	0.12	160	2020	5.8	11754	1.089	1.115	0.031	1.57	1769 10p15.3	0.98	-0.9	.
52	10 C	336.74	336.80	-0.06	337	1862	6.6	12271	0.993	0.957	0.054	0.76	3131 10p15.2	1.04	0.7	.
66	10 D	476.19	476.05	0.14	479	1240	8.3	10273	0.917	0.846	0.067	0.54	3169 10p15.2	1.08	1.1	.
57	10 D	386.26	386.18	0.08	388	1018	6.8	6965	0.622	0.681	0.073	0.40	3809 10p15.1	0.91	-0.8	.
59	10 D	407.91	407.82	0.09	409	1603	7.2	11583	1.034	1.033	0.101	0.44	3814 10p15.1	1.00	0.0	.
10p					Mean	1642	6.8	10851	0.915	0.909	0.061	1.00	(CV: 0.03)	1.00		
64	11 D	456.76	456.56	0.20	458	2280	7.9	17991	1.606	1.729	0.142	0.82	195 11p15.5	0.93	-0.9	.
53	11 C	346.15	346.14	0.01	345	2374	6.9	16314	1.320	1.312	0.039	2.28	522 11p15.5	1.01	0.2	.
49	11 C	313.56	313.56	0.00	310	2117	6.5	13790	1.115	1.063	0.112	0.64	525 11p15.5	1.05	0.5	.
23	11 A	127.62	127.45	0.17	130	1871	5.8	10833	1.003	0.971	0.120	0.54	975 11p15.5	1.03	0.3	.
68	11 D	500.00	499.79	0.21	500	937	7.9	7448	0.665	0.660	0.066	0.67	1537 11p15.5	1.01	0.1	.
45	11 C	273.81	273.62	0.19	274	2262	6.4	14397	1.164	1.119	0.068	1.10	1974 11p15.5	1.04	0.7	.
26	11 A	147.34	147.06	0.28	148	1156	6.0	6923	0.641	0.645	0.045	0.95	2122 11p15.5	0.99	-0.1	.
25	11 A	139.95	139.67	0.28	142	1612	5.9	9438	0.874	0.870	0.071	0.82	2499 11p15.5	1.00	0.1	.
65	11 D	468.83	468.64	0.19	472	1628	7.7	12495	1.115	1.161	0.074	1.05	2747 11p15.5	0.96	-0.6	.
60	11 D	417.71	417.53	0.18	418	1642	7.1	11675	1.042	0.974	0.074	0.88	2906 11p15.5	1.07	0.9	.
37	11 B	214.44	214.39	0.05	214	2754	6.1	16683	1.137	1.170	0.100	0.78	3669 11p15.5	0.97	-0.3	.
67	11 D	490.30	490.03	0.27	491	1256	8.6	10863	0.970	1.013	0.046	1.48	6370 11p15.4	0.96	-1.0	.
11p					Mean	1824	6.9	12404	1.054	1.057	0.080	1.00	(CV: 0.04)	1.00		
42	12 B	246.30	246.21	0.09	247	2554	6.2	15818	1.078	1.201	0.085	0.66	189 12p13.33	0.90	-1.4	.
29	12 A	166.40	166.23	0.17	167	849	6.2	5255	0.487	0.535	0.053	0.48	287 12p13.33	0.91	-0.9	.
44	12 B	263.27	263.16	0.11	265	2483	6.2	15438	1.052	1.031	0.053	0.92	368 12p13.3	1.02	0.4	.
34	12 B	195.44	195.32	0.12	196	3275	6.0	19513	1.330	1.277	0.129	0.47	1008 12p13.33	1.04	0.4	.
46	12 C	281.40	281.35	0.05	283	2520	6.3	15964	1.291	1.279	0.071	0.85	1470 12p13.3	1.01	0.2	.
39	12 B	226.64	226.45	0.19	226	1935	6.1	11861	0.808	0.826	0.039	0.99	2848 12p13.3	0.98	-0.5	.
48	12 C	301.18	301.16	0.02	301	1746	6.3	10983	0.888	0.883	0.043	0.97	3001 12p13.3	1.01	0.1	.
40	12 B	232.17	232.04	0.13	232	1890	6.0	11342	0.773	0.765	0.046	0.77	3258 12p13.33	1.01	0.2	.
30	12 A	171.94	171.85	0.09	172	2223	5.9	13112	1.214	1.182	0.057	0.98	4253 12p13.33	1.03	0.6	.
54	12 C	355.14	355.11	0.03	355	1472	6.8	10032	0.811	0.823	0.081	0.48	4279 12p13.3	0.99	-0.1	.
61	12 D	425.86	425.75	0.11	427	1911	7.3	14030	1.252	1.234	0.028	2.03	6101 12p13.31	1.01	0.6	.
41	12 B	237.94	237.75	0.19	238	1810	6.2	11242	0.766	0.773	0.015	2.42	6931 12p13	0.99	-0.5	.
12p					Mean	2056	6.3	12883	0.979	0.984	0.058	1.00	(CV: 0.04)	1.00		
Mean values				0.12	1878	6.6	12161	0.994	1.000	0.069	4	0.99	Total of all except			
Standard deviations				0.09	(Coef. of variance: 0.264)	0.238	0.235	0.04	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)			2.41			Female & male ref. Normal probes							
Mean CpG-area / mean A-group area			>0.30 (0.65)			0.87										
Mean height of first probes AB			> 450 (800)			2106										
Mean height of last probes CD			> 280 (500)			1668										
Ratio of mean heights AB/CD ('slope')			<3.00 (2.50)			1.26										
Mean group CV of weighted ratio			<0.20 (0.15)			0.04										
1 unidentified peak area / 50 peak areas			< (0.02)			0.02 high										

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 332 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.08