

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	
18	64	-	60.38	60.72	-0.34	64	562	10.9	6114	1.402	1.414	0.139	1.38	64 nt	0.99	-0.1	.
19	70	-	66.42	66.68	-0.26	70	358	13.1	4678	1.073	0.930	0.180	0.70	70 nt	1.15	0.8	
20	76	-	72.88	72.83	0.05	76	307	11.2	3448	0.791	0.844	0.082	1.40	Distance to . 76 nt	0.94	-0.6	.
21	82	-	78.95	79.12	-0.17	82	239	13.4	3201	0.734	0.812	0.213	0.52	82 nt	0.90	-0.4	.
Ctrl: Q-fragments						Mean	367	12.1	4360	1.000	1.000	0.154	1.00	(CV: 0.09)	0.99		
22	6 a	85.55	85.78	-0.23	88	4218	9.6*	40569	1.948	1.331	0.801	0.47	p- . 6p21.3 CpG isl.	1.46	0.8		
23	2 a	91.01	91.16	-0.15	92	2409	6.3	15086	0.724	0.740	0.108	1.93	telomere 2q14 synt.	0.98	-0.1	.	
24	1 a	97.09	97.22	-0.13	96	1709	6.4	10964	0.526	0.726	0.344	0.60	MV36 kb 1p36.3 CpG isl.	0.73	-0.6	.	
Ctrl: D-fragments						Mean	2779	7.4	22206	1.066	0.932	0.418	1.00	(CV: 0.27)	1.00		
67	2 D	435.59	435.69	-0.10	436	3303	7.7	25522	1.073	1.073	0.034	1.51	658 2p25.3	1.00	0.0	.	
25	2 A	127.38	127.59	-0.21	130	3960	5.9	23246	1.116	1.150	0.078	0.71	666 2p25.3	0.97	-0.4	.	
29	2 A	154.83	154.93	-0.10	154	1715	5.9	10084	0.484	0.521	0.036	0.70	1069 2p25.3	0.93	-1.0	.	
42	2 B	226.51	226.52	-0.01	227	2464	6.3	15459	0.720	0.757	0.041	0.89	1151 2p25.3	0.95	-0.9	.	
59	2 C	361.12	361.07	0.05	362	2903	7.0	20389	0.980	1.066	0.110	0.47	1406 2p25.3	0.92	-0.8	.	
53	2 C	315.86	315.99	-0.13	316	2853	6.7	18988	0.913	0.934	0.032	1.41	1416 2p25.3	0.98	-0.7	.	
32	2 A	171.61	171.76	-0.15	170	3757	6.1	22836	1.096	1.133	0.100	0.55	1419 2p25.3	0.97	-0.4	.	
46	2 B	255.98	255.95	0.03	256	3651	6.4	23299	1.085	1.100	0.025	2.15	1775 2p25.3	0.99	-0.6	.	
70	2 D	460.30	460.26	0.04	463	2407	8.0	19260	0.810	0.860	0.051	0.82	3321 2p25.3	0.94	-1.0	.	
38	2 B	202.15	202.16	-0.01	202	3247	6.3	20374	0.949	0.927	0.046	0.97	3370 2p25.3	1.02	0.5	.	
50	2 C	290.81	290.87	-0.06	292	5752	6.6	37745	1.815	1.919	0.095	0.98	3571 2p25.3	0.95	-1.1	.	
63	2 D	398.22	398.19	0.03	400	4581	7.5	34183	1.437	1.454	0.061	1.15	3669 2p25.3	0.99	-0.3	.	
55	2 C	328.83	329.03	-0.20	328	3974	6.7	26489	1.274	1.167	0.083	0.68	3696 2p25.3	1.09	1.3	.	
2p						Mean	3428	6.7	22913	1.058	1.082	0.061	1.00	(CV: 0.04)	0.98		
54	3 C	322.88	323.03	-0.15	322	1275	6.7	8488	0.408	0.424	0.012	1.45	261 3p26.3	0.96	-1.4	.	
35	3 A	183.54	183.67	-0.13	184	4084	6.0	24366	1.170	1.039	0.100	0.43	1110 3p26.3	1.13	1.3	.	
64	3 D	407.75	407.78	-0.03	409	3049	7.4	22644	0.952	0.976	0.025	1.62	1245 3p26.3	0.98	-0.9	.	
60	3 C	371.74	371.68	0.06	373	2573	7.0	18123	0.871	0.845	0.058	0.60	2117 3p26.3	1.03	0.4	.	
30	3 A	157.49	157.63	-0.14	159	3686	5.9	21838	1.048	1.048	0.037	1.16	2762 3p26.3	1.00	0.0	.	
39	3 B	208.95	209.02	-0.07	209	3561	5.9	21064	0.981	0.968	0.032	1.25	3087 3p26.3	1.01	0.4	.	
51	3 C	298.75	298.78	-0.03	300	2623	6.6	17285	0.831	0.819	0.035	0.96	3109 3p26.3	1.01	0.3	.	
47	3 B	264.94	264.92	0.02	265	4096	6.5	26819	1.249	1.215	0.028	1.76	3168 3p26.3	1.03	1.2	.	
71	3 D	469.97	469.93	0.04	472	3110	7.9	24698	1.039	0.927	0.095	0.40	3169 3p26.3	1.12	1.2	.	
27	3 A	140.49	140.64	-0.15	142	4087	6.0	24711	1.186	1.189	0.051	0.96	3861 3p26.2	1.00	0.0	.	
68	3 D	444.61	444.70	-0.09	446	1735	7.7	13366	0.562	0.533	0.052	0.42	4378 3p26.2	1.05	0.6	.	
3p						Mean	3080	6.7	20309	0.936	0.908	0.048	1.00	(CV: 0.04)	1.01		
28	6 A	145.87	146.03	-0.16	148	4137	6.1	25242	1.212	1.251	0.171	0.44	150 6p25.3	0.97	-0.2	.	
31	6 A	166.06	166.22	-0.16	165	3572	6.2	22242	1.068	1.075	0.067	0.96	338 6p25.3	0.99	-0.1	.	
61	6 D	381.97	381.95	0.02	382	5083	7.2	36681	1.542	1.524	0.068	1.34	1557 6p25.3	1.01	0.3	.	
43	6 B	231.39	231.48	-0.09	232	2968	6.2	18311	0.853	0.795	0.052	0.91	2836 6p25.2	1.07	1.1	.	
65	6 D	416.50	416.50	0.00	418	3818	7.6	29040	1.221	1.165	0.049	1.42	3028 6p25.2	1.05	1.1	.	
44	6 B	236.82	236.90	-0.08	238	4090	6.4	26041	1.212	1.218	0.068	1.07	3058 6p25.2	1.00	-0.1	.	
52	6 C	309.88	310.01	-0.13	310	3760	6.6	24771	1.191	1.179	0.069	1.02	4062 6p25.2	1.01	0.2	.	
40	6 B	212.80	212.88	-0.08	214	3735	6.0	22411	1.043	1.001	0.038	1.60	4079 6p25.2	1.04	1.1	.	
57	6 C	345.36	345.45	-0.09	346	2363	7.1	16749	0.805	0.659	0.099	0.40	4949 6p25.1	1.22	1.5		
48	6 B	272.43	272.45	-0.02	272	3093	6.7	20789	0.968	0.923	0.044	1.26	5944 6p25.1	1.05	1.0	.	
36	6 A	190.37	190.52	-0.15	190	3785	6.1	23115	1.110	1.001	0.105	0.57	5948 6p25.1	1.11	1.0	.	
6p						Mean	3673	6.6	24127	1.111	1.072	0.075	1.00	(CV: 0.05)	1.04		
33	8 A	177.83	178.03	-0.20	179	1906	5.9	11284	0.542	0.506	0.051	0.38	393 8p23.3	1.07	0.7	.	
49	8 C	282.52	282.56	-0.04	283	2807	6.5	18353	0.882	0.971	0.077	0.48	1501 8p23.3	0.91	-1.1	.	
66	8 D	423.61	423.55	0.06	426	2312	7.7	17845	0.750	0.750	0.052	0.55	1568 8p23.3	1.00	0.0	.	
58	8 C	355.12	355.14	-0.02	355	3371	7.0	23504	1.130	1.097	0.042	1.00	1812 8p23.3	1.03	0.8	.	
72	8 D	478.80	478.72	0.08	481	2934	8.0	23581	0.992	0.969	0.023	1.61	2787 8p23.2	1.02	1.0	.	
56	8 C	337.21	337.31	-0.10	337	2690	7.1	18971	0.912	0.920	0.012	3.00	2932 8p23.2	0.99	-0.6	.	
45	8 B	246.69	246.74	-0.05	247	2990	6.5	19335	0.900	1.033	0.099	0.40	3253 8p23.2	0.87	-1.3	.	
37	8 A	195.65	195.81	-0.16	196	3593	6.1	21897	1.051	1.100	0.039	1.07	3599 8p23.2	0.96	-1.2	.	
26	8 A	133.84	134.06	-0.22	136	3200	6.0	19354	0.929	0.986	0.048	0.78	4265 8p23.2	0.94	-1.2	.	
69	8 D	452.62	452.60	0.02	454	2767	7.9	21943	0.923	1.062	0.115	0.35	4839 8p23.2	0.87	-1.2	.	
62	8 D	388.92	388.94	-0.02	391	2277	7.4	16926	0.712	0.707	0.030	0.90	6354 8p23.1	1.01	0.2	.	
41	8 B	218.58	218.67	-0.09	220	3588	6.3	22626	1.053	1.064	0.027	1.48	6408 8p23.1	0.99	-0.4	.	
8p						Mean	2870	6.9	19635	0.898	0.930	0.051	1.00	(CV: 0.05)	0.99		
Mean values				-0.07		3261	6.7	21751	1.001	1.000	0.059	3		1.00	Total of all except		
Standard deviations				0.08	(Coef. of variance: 0.264)				0.257	0.264				0.05	Ctrl and '?' peaks		

Quality assessment	Quality limits	Quality
Mean A-group area / mean Q-frag. area	>0.65 (1.50)	4.78
Mean CpG-area / mean A-group area	>0.30 (0.65)	1.24
Mean height of first probes AB	> 450 (800)	3433
Mean height of last probes CD	> 280 (500)	3097
Ratio of mean heights AB/CD ('slope')	<3.00 (2.50)	1.11
Mean group CV of weighted ratio	<0.20 (0.15)	0.04
1 unidentified peak area / 50 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 542 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.10

(Ctrl probes are used for quality evaluation only)