

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	
15	64 -	61.22	60.77	0.45	64	158	10.1	1589	1.215	1.216	0.113	1.34	64 nt	1.00	0.0	.	
16	70 -	67.09	66.78	0.31	70	57	12.3	702	0.537	0.793	0.132	0.75	70 nt	0.68	-1.9		
17	76 -	73.26	73.08	0.18	76	119	9.6	1147	0.877	1.025	0.117	1.09	76 nt	0.86	-1.3		
19	82 -	79.32	79.36	-0.04	82	128	14.0	1795	1.372	0.955	0.148	0.81	82 nt	1.44	2.8		
<b>Ctrl: Q-fragments</b>					Mean	116	11.5	1308	1.000	0.997	0.127	1.00	(CV: 0.30)	<b>0.99</b>			
20	6 a	86.05	85.83	0.22	88	1528	5.7	8681	0.938	1.631	0.707	0.54	6p21.3 CpG isl.	0.58	-1.0		
22	2 a	91.38	91.20	0.18	92	1444	6.8	9872	1.067	0.740	0.095	1.81	2q14 synt.	1.44	3.4		
23	1 a	97.46	97.25	0.21	96	2091	6.2	13054	1.411	0.962	0.346	0.65	mv36 1p36.3 CpG isl.	1.47	1.3		
<b>Ctrl: D-fragments</b>					Mean	1688	6.3	10536	1.139	1.111	0.383	1.00	(CV: 0.32)	<b>1.29</b>			
24	X a	101.17	101.00	0.17	100	1122	5.6	6288	0.680	0.571	0.074	0.90	111.94 Xq23	1.19	1.5		
25	Y a	105.74	105.52	0.22	105	1425	6.0	8619	0.931	0.844	0.080	1.23	13.98 Yq11.21	1.10	1.1		
26	Y a	115.42	115.33	0.09	118	1495	6.5	9694	1.048	0.858	0.114	0.88	13.54 Yq11.21	1.22	1.7		
<b>Ctrl: X- &amp; Y-fragments (male ref.)</b>					Mean	1347	6.0	8200	0.886	0.757	0.089	1.00	(CV: 0.05)	<b>1.16</b>			
27	1 A	127.05	126.90	0.15	130	1226	6.0	7311	0.790	0.839	0.045	1.08	1.14 1p	0.94	-1.1		
28	2 A	134.58	134.47	0.11	137	1859	6.0	11069	1.196	1.005	0.075	0.77	0.25 2p**	1.19	2.6		
29	3 A	141.99	141.91	0.08	144	1429	6.1	8662	0.936	0.914	0.057	0.93	0.34 3p**	1.02	0.4	.	
30	4 A	150.74	150.56	0.18	151	1268	6.1	7757	0.838	0.894	0.046	1.12	0.50 4p	0.94	-1.2		
31	5 A	159.06	159.04	0.02	158	1129	6.1	6876	0.743	0.819	0.060	0.78	0.37 5p	0.91	-1.3		
32	6 A	166.25	166.13	0.12	165	1790	6.2	11117	1.201	1.255	0.069	1.04	0.34 6p	0.96	-0.8	.	
33	7 A	173.39	173.19	0.20	172	1407	6.2	8734	0.944	0.929	0.076	0.70	0.93 7p	1.02	0.2	.	
34	8 A	180.02	179.99	0.03	179	1632	6.0	9853	1.065	1.071	0.041	1.51	0.40 8p	0.99	-0.1	.	
35	9 A	186.84	186.72	0.12	186	1870	6.2	11557	1.249	1.204	0.086	0.80	0.84 9p	1.04	0.5	.	
36	10 A	194.53	194.46	0.07	194	1561	6.1	9598	1.037	1.071	0.050	1.23	0.48 10p	0.97	-0.7	.	
37	11 B	201.80	201.73	0.07	202	1314	6.2	8134	0.825	0.871	0.035	1.41	0.20 11p**	0.95	-1.3		
38	12 B	209.33	209.08	0.25	208	1520	6.2	9370	0.950	1.015	0.048	1.22	0.17 12p	0.94	-1.4		
39	13 B	218.11	218.08	0.03	218	1512	6.2	9345	0.947	0.944	0.069	0.78	19.24 "13p"	1.00	0.1	.	
40	14 B	226.89	226.87	0.02	226	1727	6.2	10726	1.087	1.164	0.055	1.23	19.86 "14p"	0.93	-1.4		
41	15 B	234.43	234.31	0.12	234	1349	6.5	8813	0.893	0.889	0.052	0.98	21.36 "15p***"	1.00	0.1	.	
42	16 B	241.19	241.13	0.06	242	1595	6.3	10038	1.018	1.049	0.065	0.93	0.04 16p	0.97	-0.5	.	
43	17 B	249.98	249.99	-0.01	250	2262	6.4	14476	1.467	1.319	0.104	0.73	0.17 17p	1.11	1.4		
44	18 B	256.74	256.73	0.01	258	1271	6.4	8088	0.820	0.808	0.038	1.24	0.19 18p	1.01	0.3	.	
45	19 B	264.86	264.80	0.06	266	1495	6.5	9756	0.989	0.962	0.070	0.79	0.49 19p	1.03	0.4	.	
46	20 B	273.89	273.87	0.02	274	1025	6.5	6693	0.678	0.641	0.058	0.63	0.26 20p**	1.06	0.6		
47	21 B	281.01	281.05	-0.04	282	1701	6.5	11128	1.128	1.167	0.062	1.09	14.51 "21p"	0.97	-0.6	.	
48	22 B	287.68	287.71	-0.03	290	1648	6.5	10720	1.087	1.134	0.049	1.33	16.61 "22p"	0.96	-1.0	.	
49	XY B	296.61	296.59	0.02	298	1675	6.5	10961	1.111	1.036	0.089	0.67	0.52 X/Yp PAR1	1.07	0.8		
<b>p-arms</b>					Mean	1533	6.3	9599	1.000	1.000	0.061	1.00	(CV: 0.06)	<b>0.99</b>			
50	1 C	305.15	305.18	-0.03	306	1261	6.5	8244	0.877	0.853	0.044	1.18	247.08 1q	1.03	0.6	.	
51	2 C	313.47	313.42	0.05	314	1882	6.8	12780	1.360	1.237	0.054	1.39	241.18 2q	1.10	2.3		
52	3 C	321.65	321.76	-0.11	322	1104	6.9	7566	0.805	0.786	0.049	0.97	198.76 3q**	1.02	0.4	.	
53	4 C	329.95	330.05	-0.10	330	2244	7.3	16269	1.731	1.560	0.112	0.84	189.26 4q	1.11	1.5		
54	5 C	338.13	338.13	0.00	338	916	6.9	6340	0.674	0.695	0.037	1.15	180.60 5q**	0.97	-0.6	.	
55	6 C	345.07	345.07	0.00	346	645	6.9	4467	0.475	0.911	0.040	1.37	170.69 6q	0.52	-10.8*		
56	7 C	354.30	354.18	0.12	354	1711	7.9	13439	1.430	1.204	0.077	0.95	158.60 7q	1.19	2.9		
57	8 C	360.60	360.58	0.02	362	1027	6.8	7023	0.747	0.823	0.062	0.81	144.69 8q	0.91	-1.2		
58	9 C	370.37	370.17	0.20	370	1375	7.1	9702	1.032	1.089	0.060	1.10	139.83 9q	0.95	-1.0		
59	10 C	378.40	378.15	0.25	378	1622	7.4	11971	1.273	1.216	0.053	1.40	135.05 10q	1.05	1.1	.	
60	11 C	385.12	384.91	0.21	386	795	7.0	5601	0.596	0.626	0.049	0.78	133.60 11q	0.95	-0.6	.	
61	12 D	392.99	392.85	0.14	394	1207	7.3	8854	1.058	0.981	0.067	0.88	132.24 12q	1.08	1.1		
62	13 D	401.09	400.86	0.23	402	1062	7.4	7815	0.934	1.062	0.058	1.12	112.82 13q	0.88	-2.2		
63	14 D	409.61	409.43	0.18	410	918	7.3	6710	0.802	0.885	0.047	1.15	105.00 14q	0.91	-1.8		
64	15 D	416.71	416.57	0.14	418	1218	7.3	8876	1.061	1.129	0.088	0.78	99.26 15q	0.94	-0.8		
65	16 D	424.23	424.05	0.18	426	563	7.4	4154	0.496	0.537	0.040	0.81	88.63 16q	0.92	-1.0		
66	17 D	433.29	433.08	0.21	434	1050	7.4	7766	0.928	0.959	0.071	0.82	78.45 17q	0.97	-0.4	.	
67	18 D	441.18	440.90	0.28	442	1698	7.6	12858	1.537	1.619	0.080	1.23	75.90 18q	0.95	-1.0		
68	19 D	448.10	448.09	0.01	450	1634	7.6	12386	1.480	1.308	0.115	0.69	63.75 19q	1.13	1.5		
69	20 D	457.02	456.82	0.20	458	807	7.8	6273	0.750	0.698	0.041	1.04	62.19 20q	1.07	1.3		
70	21 D	463.92	463.83	0.09	466	1540	7.8	11954	1.429	1.293	0.104	0.75	46.89 21q	1.10	1.3		
71	22 D	472.28	472.23	0.05	474	1049	7.8	8171	0.976	0.956	0.074	0.78	49.55 22q**	1.02	0.3	.	
72	XY D	481.26	481.13	0.13	482	579	7.9	4599	0.550	0.574	0.035	0.99	154.78 X/Yq PAR2	0.96	-0.7	.	
<b>q-arms</b>					Mean	1213	7.3	8862	1.000	1.000	0.063	1.00	(CV: 0.15)	<b>0.98</b>			
<b>Mean values</b>			0.09		1373	6.8	9230	<b>1.000</b>	1.000	0.062	4			0.98	Total of all except		
<b>Standard deviations</b>			0.10		(Coef. of variance: 0.285)			0.283	0.234					0.11	Ctrl and '?' peaks		

Quality assessment	Quality limits	Quality
Mean A-group area / mean Q-frag. area	>0.65 (1.50)	7.07
Mean CpG-area / mean A-group area	>0.30 (0.65)	1.17
Mean height of first probes AB	> 450 ( 800)	1533
Mean height of last probes CD	> 280 ( 500)	1213
Ratio of mean heights AB/CD ('slope')	<2.75 (2.25)	1.26
Mean group CV of weighted ratio	<0.20 (0.15)	0.10
1 unidentified peak area / 52 peak areas	< (0.02)	0.04 <b>high</b>

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.**  
**Abn. peaks: 6q**

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 266 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.07

**1 quality warning!**

(Ctrl probes are used for quality evaluation only)