

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	
13	64 -	61.04	60.69	0.35	64	125	10.5	1314	1.028	1.237	0.169	1.17	64 nt	0.83	-1.2	-	
14	70 -	67.13	66.63	0.50	70	101	9.7	983	0.769	0.799	0.103	1.24	70 nt	0.96	-0.3	.	
15	76 -	73.27	72.90	0.37	76	131	10.9	1423	1.114	1.003	0.161	0.99	76 nt	1.11	0.7	-	
16	82 -	79.55	79.35	0.20	82	130	10.7	1391	1.089	0.923	0.244	0.60	82 nt	1.18	0.7	-	
Ctrl: Q-fragments					Mean	122	10.5	1278	1.000	0.991	0.169	1.00	(CV: 0.15)	0.99			
17	6 a	85.99	85.69	0.30	88	1533	5.6	8560	0.890	1.357	0.641	0.41	6p21.3 CpG isl.	0.66	-0.7	-	
19	2 a	91.42	91.09	0.33	92	1480	6.2	9176	0.954	0.959	0.102	1.83	2q14 synt.	0.99	-0.1	.	
20	1 a	97.48	97.11	0.37	96	2215	6.2	13768	1.431	1.345	0.347	0.75	mv36 1p36.3 CpG isl.	1.06	0.2	-	
Ctrl: D-fragments					Mean	1743	6.0	10501	1.091	1.220	0.363	1.00	(CV: 0.16)	0.97			
21	X a	101.17	100.96	0.21	100	987	5.9	5830	0.606	0.591	0.100	0.78	111.94 Xq23	1.02	0.1	.	
22	Y a	105.73	105.49	0.24	105	1226	6.1	7477	0.777	0.854	0.090	1.25	13.98 Yq11.21	0.91	-0.9	-	
23	Y a	115.52	115.30	0.22	118	891	6.6	5882	0.611	0.707	0.097	0.97	13.54 Yq11.21	0.87	-1.0	-	
Ctrl: X- & Y-fragments (male ref.)					Mean	1035	6.2	6396	0.665	0.717	0.096	1.00	(CV: 0.08)	0.93			
47	1 C	305.84	305.74	0.10	306	971	6.7	6489	0.876	0.857	0.049	1.03	1.0 1p	1.02	0.4	.	
48	2 C	313.99	314.10	-0.11	314	899	6.7	6046	0.816	0.799	0.052	0.90	0.3 2p	1.02	0.3	.	
49	3 C	322.83	322.95	-0.12	322	1463	6.7	9860	1.331	1.317	0.073	1.06	0.3 3p	1.01	0.2	.	
50	4 C	331.42	331.55	-0.13	330	1102	6.8	7501	1.013	0.989	0.132	0.44	0.3 4p	1.02	0.2	.	
51	5 C	338.49	338.55	-0.06	338	1156	6.9	7986	1.078	1.067	0.068	0.92	0.3 5p	1.01	0.2	.	
52	6 C	345.58	345.57	0.01	346	930	7.0	6521	0.880	0.941	0.047	1.17	0.3 6p	0.94	-1.3	-	
53	7 C	354.48	354.24	0.24	354	961	7.1	6799	0.918	0.980	0.072	0.80	0.6 7p	0.94	-0.9	-	
54	8 C	361.05	360.96	0.09	362	1057	7.1	7452	1.006	0.935	0.064	0.87	0.4 8p	1.08	1.1	-	
55	9 C	369.42	369.22	0.20	370	1087	7.4	8020	1.083	1.115	0.050	1.31	0.4 9p	0.97	-0.7	.	
56	10 D	375.95	375.76	0.19	378	1864	7.9	14706	1.921	1.873	0.075	1.48	0.2 10p	1.03	0.6	.	
57	11 D	385.18	385.03	0.15	386	1225	7.1	8703	1.137	1.099	0.059	1.11	0.2 11p	1.03	0.7	.	
58	12 D	392.57	392.33	0.24	394	1340	7.2	9699	1.267	1.424	0.089	0.94	0.3 12p	0.89	-1.8	-	
59	16 D	400.36	400.15	0.21	402	854	7.3	6243	0.816	0.847	0.037	1.35	0.4 16p	0.96	-0.9	.	
60	17 D	409.22	409.01	0.21	410	1224	7.3	8961	1.171	1.096	0.057	1.14	0.2 17p	1.07	1.3	-	
61	18 D	417.65	417.34	0.31	418	717	7.4	5290	0.691	0.721	0.065	0.65	0.2 18p	0.96	-0.5	.	
62	19 D	424.54	424.26	0.28	426	842	7.4	6232	0.814	0.789	0.044	1.06	0.2 19p	1.03	0.6	.	
63	20 D	431.84	431.43	0.41	434	637	7.5	4791	0.626	0.637	0.039	0.97	0.3 20p	0.98	-0.3	.	
64	XY D	440.57	440.17	0.40	442	557	7.7	4270	0.558	0.512	0.038	0.80	0.5 X/Yp (PAR1)	1.09	1.2	-	
p-arms					Mean	1049	7.2	7532	1.000	1.000	0.062	1.00	(CV: 0.05)	1.00			
24	1 A	129.52	129.21	0.31	130	1448	5.8	8425	0.876	0.840	0.044	1.03	245.3 1q	1.04	0.8	.	
25	2 A	137.04	136.76	0.28	137	1728	5.9	10232	1.063	1.009	0.029	1.86	242.9 2q	1.05	1.9	-	
26	3 A	143.54	143.31	0.23	144	1709	6.0	10316	1.072	0.988	0.050	1.07	198.8 3q	1.08	1.7	-	
27	4 A	151.48	151.26	0.22	151	1417	6.1	8579	0.892	0.821	0.071	0.62	191.6 4q	1.09	1.0	-	
28	5 A	159.18	159.03	0.15	158	1832	6.2	11350	1.180	1.024	0.048	1.14	180.8 5q	1.15	3.2	-	
29	6 A	165.75	165.65	0.10	165	978	6.1	6009	0.625	1.176	0.040	1.58	170.7 6q	0.53	-13.8*	-	
30	7 A	172.29	172.16	0.13	172	1416	6.0	8553	0.889	0.933	0.054	0.93	158.1 7q	0.95	-0.8	.	
31	8 A	179.47	179.31	0.16	179	1678	6.2	10328	1.073	1.033	0.047	1.18	145.7 8q	1.04	0.9	.	
32	9 A	186.48	186.31	0.17	186	1570	6.1	9644	1.002	1.053	0.061	0.93	135.9 9q	0.95	-0.8	.	
33	10 A	193.32	193.18	0.14	194	1796	6.1	10941	1.137	1.060	0.034	1.69	134.7 10q	1.07	2.3	-	
34	11 A	201.34	201.17	0.17	202	1846	6.2	11461	1.191	1.061	0.055	1.03	133.3 11q	1.12	2.4	-	
35	12 B	210.30	210.17	0.13	210	1700	6.2	10488	1.080	1.101	0.074	0.79	132.0 12q	0.98	-0.3	.	
36	13 B	218.03	217.85	0.18	218	1355	6.4	8663	0.892	0.855	0.052	0.88	112.9 13q	1.04	0.7	.	
37	14 B	225.42	225.22	0.20	226	1042	6.3	6557	0.675	0.824	0.065	0.68	103.9 14q	0.82	-2.3	-	
38	15 B	232.82	232.63	0.19	234	1652	6.4	10518	1.083	1.051	0.066	0.86	99.9 15q	1.03	0.5	.	
39	16 B	240.67	240.54	0.13	242	1785	6.4	11439	1.177	1.082	0.050	1.17	89.8 16q	1.09	1.9	-	
40	17 B	248.74	248.65	0.09	250	1888	6.3	11984	1.234	1.163	0.083	0.75	81.0 17q	1.06	0.9	-	
41	18 B	258.40	258.09	0.31	258	1724	6.4	10974	1.130	1.051	0.060	0.95	75.6 18q	1.08	1.3	-	
42	19 B	264.46	264.36	0.10	266	1445	6.5	9344	0.962	0.999	0.063	0.85	63.7 19q	0.96	-0.6	.	
43	20 B	272.10	271.96	0.14	274	974	6.5	6314	0.650	0.677	0.036	1.02	63.3 20q	0.96	-0.8	.	
44	21 B	279.97	279.74	0.23	282	1389	6.5	9034	0.930	0.868	0.055	0.84	46.9 21q	1.07	1.1	-	
45	22 B	289.53	289.36	0.17	290	1519	6.7	10116	1.041	1.078	0.093	0.62	49.2 22q	0.97	-0.4	.	
46	XY B	296.73	296.60	0.13	298	1455	7.7	11149	1.148	1.253	0.132	0.51	153.6 X/Yq (PAR*)	0.92	-0.8	-	
q-arms					Mean	1537	6.3	9670	1.000	1.000	0.059	1.00	(CV: 0.15)	1.00			
Mean values				0.16	1323	6.7	8731	1.000	1.000	0.060	4	1.00	Total of all except				
Standard deviations				0.12	(Coef. of variance: 0.260)	0.241	0.227	0.11	Ctrl and '?' peaks								
Quality assessment				Quality limits		Quality		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)	7.53												
Mean CpG-area / mean A-group area				>0.30 (0.65)	1.16												
Mean height of first probes AB				> 450 (800)	1537												
Mean height of last probes CD				> 280 (500)	1049												
Ratio of mean heights AB/CD ('slope')				<2.75 (2.25)	1.46												
Mean group CV of weighted ratio				<0.20 (0.15)	0.11												
1 unidentified peak area / 47 peak areas				< (0.02)	0.04	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 321 (14 peaks), CV of ROX heights for peaks above 100 nt is: 0.06

1 quality warning!

(Ctrl probes are used for quality evaluation only)

Female & male ref.
 Abn. peaks: 6q