

No.	Label	Size	Peak Data				Normalized Peak Area									
			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 -	60.89	60.61	0.28	64	490	9.3	4579	1.056	1.083	0.095	0.88	64 nt	0.97	-0.3	.
15	70 -	66.85	66.64	0.21	70	353	10.5	3711	0.856	0.881	0.053	1.27	70 nt	0.97	-0.5	.
16	76 -	73.01	72.97	0.04	76	345	14.4	4980	1.148	1.083	0.099	0.85	76 nt	1.06	0.7	
17	82 -	79.59	79.29	0.30	82	356	11.5	4080	0.941	0.952	0.073	1.00	82 nt	0.99	-0.2	.
Ctrl: Q-fragments					Mean	386	11.4	4338	1.000	1.000	0.080	1.00	(CV: 0.04)	0.99		
18	6 a	85.97	85.78	0.19	88	1391	5.5	7674	0.556	0.958	0.580	0.51	Distance 6p21.3 CpG isl.	0.58	-0.7	
20	2 a	91.32	91.15	0.17	92	1389	6.2	8619	0.624	0.538	0.092	1.82	to 2q14 synt.	1.16	0.9	
21	1 a	97.45	97.22	0.23	96	640	6.3	4024	0.292	0.488	0.226	0.67	q- 1p36.3 CpG isl.	0.60	-0.9	
Ctrl: D-fragments					Mean	1140	6.0	6772	0.491	0.661	0.299	1.00	(CV: 0.37)	0.94		
22	X a	101.17	100.98	0.19	100	1506	5.9	8869	0.642	0.315	0.027	1.00	telomere Xq23	2.04	12.3*	
	Y a		105.52		105					0.440	0.081		MV36 kb Yq11.21			
Ctrl: X- & Y-fragments (male ref.)					Mean	1506	5.9	8869	0.642	0.315	0.027	1.00	(CV:)	2.04		
33	1 A	183.94	183.84	0.10	184	2527	6.1	15464	1.120	1.106	0.048	1.11	5798 1q43	1.01	0.3	.
52	1 C	336.26	336.27	-0.01	337	1745	6.7	11733	0.986	1.014	0.081	0.60	5641 1q44	0.97	-0.4	.
56	1 C	383.43	383.33	0.10	382	3003	7.0	21086	1.771	1.815	0.068	1.27	5374 1q44	0.98	-0.6	.
31	1 A	171.23	171.14	0.09	172	2421	6.1	14786	1.071	1.053	0.027	1.83	4966 1q44	1.02	0.7	.
67	1 D	479.71	479.64	0.07	481	2272	7.9	17985	1.677	1.683	0.107	0.75	4596 1q44	1.00	-0.1	.
46	1 C	280.81	280.76	0.05	283	1938	6.4	12486	1.049	1.066	0.022	2.31	4559 1q44	0.98	-0.8	.
26	1 A	140.63	140.45	0.18	142	1884	5.9	11200	0.811	0.819	0.059	0.67	3938 1q44	0.99	-0.1	.
36	1 B	203.04	202.87	0.17	202	2848	6.1	17434	1.302	1.284	0.101	0.61	3318 1q44	1.01	0.2	.
64	1 D	451.22	451.19	0.03	454	1642	7.6	12407	1.157	1.132	0.062	0.87	2665 1q44	1.02	0.4	.
60	1 D	417.92	417.83	0.09	418	1292	7.4	9524	0.888	0.803	0.051	0.75	2454 1q44	1.11	1.7	
29	1 A	160.36	160.18	0.18	160	1536	6.2	9472	0.686	0.756	0.054	0.67	1918 1q44	0.91	-1.3	
24	1 A	128.72	128.56	0.16	130	2066	6.0	12300	0.891	0.939	0.045	0.99	1691 1q44	0.95	-1.1	
58	1 D	398.64	398.57	0.07	400	543	7.2	3902	0.364	0.370	0.028	0.63	1575 1q44	0.98	-0.2	.
49	1 C	307.94	307.93	0.01	306	1630	6.8	11104	0.933	0.921	0.046	0.96	1155 1q44	1.01	0.3	.
1q					Mean	1953	6.7	12920	1.050	1.054	0.057	1.00	(CV: 0.04)	1.00		
65	2 D	460.90	460.77	0.13	463	1071	7.7	8252	0.770	0.733	0.048	0.78	4989 2q37.3	1.05	0.8	
53	2 C	345.92	345.90	0.02	346	1625	6.7	10839	0.910	0.940	0.039	1.25	4613 2q37.3	0.97	-0.8	.
42	2 B	245.71	245.61	0.10	247	2230	6.3	14042	1.049	1.056	0.020	2.75	3980 2q37.3	0.99	-0.4	.
57	2 D	392.42	392.27	0.15	391	2572	7.2	18502	1.725	1.792	0.154	0.59	3011 2q37.3	0.96	-0.4	.
39	2 B	220.41	220.38	0.03	220	1573	6.2	9707	0.725	0.730	0.061	0.61	2341 2q37.3	0.99	-0.1	.
63	2 D	443.97	443.86	0.11	445	597	7.8	4648	0.433	0.472	0.064	0.38	2223 2q37.3	0.92	-0.6	
50	2 C	316.55	316.47	0.08	317	759	6.6	5027	0.422	0.388	0.022	0.91	1771 2q37.3	1.09	1.6	
61	2 D	426.66	426.52	0.14	427	1939	7.5	14517	1.354	1.414	0.078	0.93	1487 2q37.3	0.96	-0.8	.
48	2 C	300.36	300.28	0.08	301	2109	6.5	13703	1.151	1.122	0.039	1.45	1221 2q37.3	1.03	0.7	.
59	2 D	407.41	407.37	0.04	409	1257	7.3	9225	0.860	0.902	0.040	1.14	863 2q37.3	0.95	-1.0	
23	2 A	123.28	123.13	0.15	124	1921	6.0	11465	0.831	0.887	0.066	0.68	695 2q37.3	0.94	-0.9	
37	2 B	208.79	208.75	0.04	208	1510	6.2	9291	0.694	0.764	0.073	0.54	543 2q37.3	0.91	-1.0	
2q					Mean	1597	6.8	10768	0.910	0.933	0.059	1.00	(CV: 0.05)	0.99		
41	3 B	237.35	237.22	0.13	238	1683	6.3	10585	0.790	0.763	0.038	1.03	4668 3q29	1.04	0.7	.
55	3 C	372.38	372.27	0.11	373	1378	7.1	9848	0.827	0.805	0.035	1.20	3900 3q29	1.03	0.6	.
27	3 A	147.74	147.65	0.09	148	2448	6.0	14793	1.072	1.042	0.065	0.83	3628 3q29	1.03	0.4	.
45	3 C	268.23	268.16	0.07	269	2567	6.4	16397	1.377	1.297	0.066	1.01	2991 3q29	1.06	1.2	
30	3 A	166.28	166.12	0.16	165	3029	6.0	18306	1.326	1.324	0.059	1.17	2410 3q29	1.00	0.0	.
32	3 A	177.67	177.59	0.08	178	3052	6.1	18549	1.344	1.350	0.064	1.09	1881 3q29	1.00	-0.1	.
43	3 B	255.10	254.96	0.14	256	2075	6.4	13239	0.989	1.005	0.049	1.06	1461 3q29	0.98	-0.3	.
66	3 D	469.79	469.69	0.10	472	1024	7.8	7946	0.741	0.734	0.029	1.33	1264 3q29	1.01	0.2	.
25	3 A	133.84	133.68	0.16	136	1779	5.9	10561	0.765	0.752	0.066	0.59	990 3q29	1.02	0.2	.
34	3 B	191.21	191.13	0.08	190	2276	6.1	13835	1.033	1.015	0.075	0.70	992 3q29	1.02	0.2	.
54	3 C	355.70	355.68	0.02	355	1926	7.0	13505	1.134	1.160	0.061	0.98	253 3q29	0.98	-0.4	.
3q					Mean	2112	6.5	13415	1.036	1.023	0.055	1.00	(CV: 0.02)	1.01		
47	4 C	290.91	290.91	0.00	292	1630	6.4	10411	0.875	0.838	0.031	1.67	5093 4q35.1	1.04	1.2	.
62	4 D	435.22	435.06	0.16	436	1446	7.6	11061	1.031	0.967	0.060	1.01	4965 4q35.1	1.07	1.1	
38	4 B	214.88	214.78	0.10	214	2470	6.1	14969	1.118	1.118	0.062	1.12	4587 4q35.1	1.00	0.0	.
44	4 B	261.78	261.77	0.01	265	1520	6.3	9547	0.713	0.650	0.050	0.80	3901 4q35.2	1.10	1.2	
40	4 B	229.10	229.04	0.06	229	3113	6.1	19073	1.424	1.349	0.071	1.19	3403 4q35.2	1.06	1.1	
35	4 B	196.36	196.27	0.09	196	2632	5.9	15606	1.165	1.267	0.085	0.92	2108 4q35.2	0.92	-1.2	
28	4 A	153.72	153.59	0.13	154	2537	5.9	14963	1.084	0.972	0.076	0.80	2007 4q35.2	1.12	1.5	
51	4 C	327.95	327.89	0.06	327	992	6.8	6727	0.565	0.632	0.079	0.50	171 4q35.2	0.89	-0.8	
4q					Mean	2043	6.4	12795	0.997	0.974	0.064	1.00	(CV: 0.07)	1.03		
Mean values				0.09		1913	6.6	12445	1.000	1.000	0.058	4		1.00	Total of all except	
Standard deviations				0.05		(Coef. of variance:	0.319)		0.319	0.321				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)		3.18		Female & male ref. Normal probes								
Mean CpG-area / mean A-group area				>0.30 (0.65)		0.42 low										
Mean height of first probes AB				> 450 (800)		2233										
Mean height of last probes CD				> 280 (500)		1607										
Ratio of mean heights AB/CD ('slope')				<3.00 (2.50)		1.39										
Mean group CV of weighted ratio				<0.20 (0.15)		0.04										
1 unidentified peak area / 49 peak areas				< (0.02)		0.03 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 221 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.06																
2 quality warnings!																
(Ctrl probes are used for quality evaluation only)																