

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 -	60.96	60.74	0.22	64	432	11.4	4940	1.173	1.171	0.095	1.28	64 nt	1.00	0.0	.	
16	70 -	66.65	66.87	-0.22	70	296	11.0	3265	0.775	0.747	0.100	0.78	70 nt	1.04	0.3	.	
17	76 -	73.02	72.91	0.11	76	449	10.7	4782	1.135	1.030	0.115	0.93	76 nt	1.10	0.9	↓	
18	82 -	79.44	79.30	0.14	82	303	12.7	3863	0.917	1.052	0.109	1.01	82 nt	0.87	-1.2	↓	
Ctrl: Q-fragments					Mean	370	11.5	4213	1.000	1.000	0.105	1.00	(CV: 0.10)	1.00			
19	6 a	85.78	85.80	-0.02	88	1386	6.3	8746	0.610	0.841	0.437	0.37	Distance 6p21.3 CpG isl.	0.72	-0.5	-	
21	2 a	91.24	91.16	0.08	92	1163	5.4	6311	0.440	0.511	0.046	2.17	to 2q14 synt.	0.86	-1.6	↓	
22	1 a	97.21	97.23	-0.02	96	813	6.1	4931	0.344	0.433	0.181	0.46	q- 1p36.3 CpG isl.	0.79	-0.5	-	
Ctrl: D-fragments					Mean	1121	5.9	6663	0.464	0.595	0.221	1.00	(CV: 0.07)	0.83			
23	X a	101.05	101.08	-0.03	100	866	5.7	4900	0.342	0.308	0.035	1.10	telomere Xq23	1.11	1.0	↓	
24	Y a	105.50	105.59	-0.09	105	1164	6.1	7119	0.496	0.461	0.064	0.90	MV36 kb Yq11.21	1.08	0.5	↓	
Ctrl: X- & Y-fragments (male ref.)					Mean	1015	5.9	6010	0.419	0.385	0.049	1.00	(CV: 0.02)	1.09			
37	13 B	201.57	201.51	0.06	202	1864	6.1	11327	0.985	0.926	0.058	1.01	8158 13q33.3	1.06	1.0	↓	
28	13 A	147.07	147.10	-0.03	148	2683	6.0	16205	1.129	1.103	0.067	1.04	6481 13q33.3	1.02	0.4	.	
48	13 C	279.61	279.68	-0.07	282	1119	6.4	7212	0.725	0.764	0.100	0.48	4910 13q34	0.95	-0.4	↓	
57	13 C	373.03	373.14	-0.11	373	628	7.2	4498	0.452	0.478	0.059	0.52	4262 13q34	0.95	-0.4	↓	
67	13 D	443.70	443.78	-0.08	445	734	8.2	5984	0.832	0.845	0.051	1.05	3973 13q34	0.98	-0.3	.	
40	13 B	220.93	220.92	0.01	220	3053	6.1	18673	1.624	1.535	0.087	1.12	2372 13q34	1.06	1.0	↓	
26	13 A	133.00	133.05	-0.05	134	2688	6.6	17833	1.243	1.222	0.142	0.55	1322 13q34	1.02	0.1	.	
46	13 B	261.41	261.55	-0.14	261	2220	6.4	14218	1.236	1.250	0.087	0.90	1211 13q34	0.99	-0.2	.	
54	13 C	336.99	336.88	0.11	337	1691	7.0	11851	1.192	1.078	0.079	0.86	773 13q34*	1.11	1.4	↓	
30	13 A	160.71	160.62	0.09	160	2672	5.9	15696	1.094	1.077	0.049	1.39	286 13q34	1.02	0.3	.	
43	13 B	238.50	238.59	-0.09	240	773	6.5	5049	0.439	0.439	0.012	2.23	116 13q34	1.00	0.0	.	
61	13 D	400.84	400.89	-0.05	402	580	7.5	4363	0.606	0.606	0.045	0.85	73 13q34	1.00	0.0	.	
13q					Mean	1725	6.7	11076	0.963	0.944	0.070	1.00	(CV: 0.04)	1.02			
58	14 C	380.29	380.35	-0.06	381	1797	7.5	13490	1.356	1.219	0.142	0.58	4914 14q32.31	1.11	1.0	↓	
66	14 D	434.98	435.08	-0.10	436	799	7.8	6221	0.865	0.914	0.110	0.56	3908 14q32.3	0.95	-0.5	↓	
45	14 B	254.64	254.73	-0.09	256	2501	6.5	16155	1.405	1.357	0.074	1.23	3311 14q32.33	1.04	0.6	.	
31	14 A	166.15	166.07	0.08	166	2372	6.0	14233	0.992	0.960	0.053	1.20	3152 14q32.33	1.03	0.6	.	
50	14 C	299.55	299.59	-0.04	301	1072	6.5	6999	0.704	0.745	0.078	0.64	3047 14q32.33	0.94	-0.5	↓	
53	14 C	328.17	328.06	0.11	328	1740	6.8	11825	1.189	1.214	0.075	1.08	2780 14q32.33	0.98	-0.3	.	
29	14 A	153.36	153.34	0.02	152	1593	6.3	10039	0.700	0.626	0.065	0.64	2050 14q32.33	1.12	1.1	↓	
63	14 D	407.80	407.82	-0.02	410	710	7.6	5372	0.747	0.761	0.039	1.31	1947 14q32.33	0.98	-0.4	.	
41	14 B	226.67	226.75	-0.08	226	1325	6.4	8498	0.739	0.754	0.056	0.90	1680 14q32.33	0.98	-0.3	.	
33	14 A	177.98	177.95	0.03	178	2638	6.1	15985	1.114	1.127	0.041	1.86	985 14q32.33	0.99	-0.3	.	
14q					Mean	1655	6.7	10882	0.981	0.968	0.073	1.00	(CV: 0.05)	1.01			
56	15 C	362.87	362.95	-0.08	364	1919	7.0	13400	1.347	1.205	0.091	0.96	5657 15q26.2	1.12	1.6	↓	
32	15 A	171.33	171.25	0.08	172	2520	5.9	14799	1.031	1.069	0.063	1.22	5210 15q26.2	0.97	-0.6	.	
52	15 C	319.63	319.51	0.12	319	1783	6.7	12005	1.207	1.272	0.073	1.25	4025 15q26.3	0.95	-0.9	↓	
36	15 B	196.26	196.25	0.01	195	1572	5.9	9330	0.811	0.840	0.069	0.87	3030 15q26.3	0.97	-0.4	.	
68	15 D	452.51	452.50	0.01	454	702	8.0	5639	0.784	0.755	0.073	0.75	3021 15q26.3	1.04	0.4	.	
34	15 A	184.23	184.13	0.10	184	2441	6.0	14570	1.016	1.106	0.082	0.98	2868 15q26.3	0.92	-1.1	↓	
25	15 A	127.17	127.11	0.06	128	2321	5.9	13800	0.962	0.894	0.064	1.01	2275 15q26.3	1.08	1.1	↓	
38	15 B	208.21	208.18	0.03	208	2800	6.2	17276	1.502	1.488	0.106	1.01	1782 15q26.3	1.01	0.1	.	
64	15 D	416.49	416.54	-0.05	418	930	7.5	6987	0.971	1.027	0.056	1.31	1074 15q26.3	0.95	-1.0	↓	
59	15 D	386.60	386.68	-0.08	387	865	7.3	6349	0.882	0.877	0.098	0.64	331 15q26.3	1.01	0.1	.	
15q					Mean	1785	6.6	11416	1.051	1.053	0.078	1.00	(CV: 0.06)	0.99			
60	16 D	394.06	394.14	-0.08	395	2074	7.4	15410	2.142	2.082	0.252	0.66	5491 16q24.1	1.03	0.2	.	
49	16 C	291.16	291.18	-0.02	292	1710	6.6	11210	1.127	1.144	0.063	1.44	4315 16q24.1	0.99	-0.3	.	
55	16 C	353.88	353.96	-0.08	355	641	7.2	4585	0.461	0.530	0.065	0.65	3669 16q24.1	0.87	-1.0	↓	
47	16 C	272.37	272.46	-0.09	274	2095	6.5	13631	1.371	1.352	0.080	1.35	2876 16q24.2	1.01	0.2	.	
39	16 B	215.30	215.26	0.04	214	1841	6.2	11354	0.987	0.992	0.058	1.36	2333 16q24.2	1.00	-0.1	.	
27	16 A	140.76	140.80	-0.04	142	1571	6.1	9509	0.663	0.680	0.066	0.83	1424 16q24.3	0.97	-0.3	.	
35	16 A	190.67	190.60	0.07	190	2805	6.1	17041	1.188	1.136	0.060	1.51	680 16q24.3	1.05	0.9	.	
42	16 B	232.75	232.80	-0.05	233	1090	6.2	6806	0.592	0.623	0.065	0.76	448 16q24.3	0.95	-0.5	↓	
65	16 D	424.13	424.16	-0.03	426	1195	7.7	9214	1.280	1.132	0.152	0.60	297 16q24.3	1.13	1.0	↓	
44	16 B	245.38	245.41	-0.03	247	1489	6.3	9339	0.812	0.795	0.076	0.84	189 16q24.3	1.02	0.2	.	
16q					Mean	1651	6.6	10810	1.062	1.047	0.094	1.00	(CV: 0.06)	1.00			
Mean values				-0.01		1705	6.7	11047	1.012	1.000	0.078	4		1.01	Total of all except		
Standard deviations				0.07		(Coef. of variance:	0.388)		0.342	0.319				0.05	Ctrl and '?' peaks		

Quality assessment	Quality limits	Quality
Mean A-group area / mean Q-frag. area	>0.65 (1.50)	3.41
Mean CpG-area / mean A-group area	>0.30 (0.65)	0.48 low
Mean height of first probes AB	> 450 (800)	2129
Mean height of last probes CD	> 280 (500)	1239
Ratio of mean heights AB/CD ('slope')	<3.00 (2.50)	1.72
Mean group CV of weighted ratio	<0.20 (0.15)	0.05
2 unidentified peak areas / 47 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 258 (14 peaks), CV of ROX heights for peaks above 100 nt is: 0.08

1 quality warning!

(Ctrl probes are used for quality evaluation only)