

Peak Data										Normalized Peak Area						
No.	Label	Size	Ref. size	Size diff.	MRC size	Height	Width	Area	Area	Ref. Mean	Ref. SD	Ref. Weigh	Position p-tel band	Ratio	Dist. in SD	1.0 low high
4	64 -	60.87	60.77	0.10	64	81	4.3	345	0.122	0.851	0.487	0.41	64 nt	0.14	-1.5	
5	70 -	66.65	66.40	0.25	70	132	21.4	2831	1.005	0.740	0.199	0.87	70 nt	1.36	1.3	
6	76 -	72.57	72.55	0.02	76	233	21.0	4884	1.733	1.268	0.253	1.17	76 nt	1.37	1.8	
7	82 -	78.66	78.63	0.03	82	160	20.1	3213	1.140	1.129	0.170	1.55	82 nt	1.01	0.1	.
<b>Ctrl: Q-fragments</b>					Mean	152	16.7	2818	1.000	0.997	0.277	1.00	(CV: <b>0.38</b> )	<b>1.10</b>		
9	6 a	85.18	85.01	0.17	88	2283	9.7	22064	0.821	0.794	0.082	1.18	6p21.3 CpG isl.	1.03	0.3	.
11	2 a	90.43	90.26	0.17	92	2328	9.7	22559	0.839	0.804	0.090	1.09	2q14 synt.	1.04	0.4	.
12	1 a	96.80	96.57	0.23	96	2537	8.6	21791	0.810	0.869	0.143	0.74	mv36 1p36.3 CpG isl.	0.93	-0.4	.
<b>Ctrl: D-fragments</b>					Mean	2383	9.3	22138	0.823	0.822	0.105	1.00	(CV: <b>0.06</b> )	<b>1.01</b>		
14	X a	100.15	100.09	0.06	100	2809	8.3	23454	0.872	0.407	0.056	1.02	111.94 Xq23	2.14	8.4 *	
	Y a		104.53		106					0.857	0.081		13.98 Yq11.21			
15	Y a	114.56	114.55	0.01	118	71	11.2 *	797	0.030	0.651	0.092	0.98	13.54 Yq11.21	0.05	-6.7 *	
<b>Ctrl: X- &amp; Y-fragments (male ref.)</b>					Mean	1440	9.8	12126	0.451	0.529	0.074	1.00	(CV: <b>1.33</b> )	<b>1.11</b>		
17	1 A	126.28	126.13	0.15	130	2137	10.1	21607	0.804	0.787	0.060	0.72	1p	1.02	0.3	.
19	2 A	133.45	133.18	0.27	137	3491	9.9	34490	1.283	1.253	0.111	0.62	2p**	1.02	0.3	.
21	3 A	141.15	140.92	0.23	144	2716	9.9	26771	0.996	0.959	0.080	0.66	3p**	1.04	0.5	.
23	4 A	149.46	149.29	0.17	151	2465	9.8	24231	0.901	0.918	0.049	1.03	4p	0.98	-0.3	.
25	5 A	157.91	157.89	0.02	158	2269	10.0	22728	0.845	0.835	0.060	0.76	5p	1.01	0.2	.
26	6 A	165.63	165.58	0.05	165	3098	10.2	31667	1.178	1.198	0.038	1.72	6p	0.98	-0.5	.
27	7 A	172.17	172.03	0.14	172	2377	10.5	24863	0.925	0.915	0.046	1.08	7p	1.01	0.2	.
28	8 A	179.12	179.18	-0.06	179	3004	10.5	31529	1.173	1.116	0.046	1.33	8p	1.05	1.2	.
29	9 A	185.81	185.81	0.00	186	2679	8.8	23446	0.872	1.029	0.069	0.82	9p	0.85	-2.3	.
31	10 A	193.24	193.19	0.05	194	2701	10.2	27547	1.025	0.989	0.049	1.11	10p	1.04	0.7	.
32	11 B	200.58	200.51	0.07	202	2507	10.4	26136	0.866	0.878	0.050	0.96	0.20 11p**	0.99	-0.2	.
33	12 B	207.50	207.17	0.33	208	2648	10.6	28149	0.933	0.944	0.049	1.05	0.17 12p	0.99	-0.2	.
34	13 B	217.08	217.02	0.06	218	2605	10.4	27217	0.902	0.934	0.048	1.07	19.24 "13p"	0.97	-0.7	.
35	14 B	225.72	225.71	0.01	226	3662	10.8	39558	1.311	1.256	0.050	1.37	19.86 "14p"	1.04	1.1	.
36	15 B	233.31	233.14	0.17	234	2516	11.0	27794	0.921	0.875	0.054	0.89	21.36 "15p**"	1.05	0.9	.
37	16 B	240.36	240.26	0.10	242	3142	11.1	34978	1.159	1.207	0.057	1.17	0.04 16p	0.96	-0.9	.
38	17 B	249.53	249.50	0.03	250	2970	11.0	32670	1.082	1.094	0.054	1.11	0.17 17p	0.99	-0.2	.
39	18 B	256.85	256.73	0.12	258	2250	11.2	25168	0.834	0.802	0.042	1.05	0.19 18p	1.04	0.8	.
40	19 B	264.49	264.25	0.24	266	2409	11.4	27390	0.907	0.907	0.048	1.03	0.49 19p	1.00	0.0	.
41	20 B	273.15	273.08	0.07	274	1699	9.9	16870	0.559	0.637	0.069	0.51	0.26 20p**	0.88	-1.1	.
43	21 B	280.54	280.52	0.02	282	3252	11.2	36510	1.210	1.214	0.052	1.28	14.51 "21p"	1.00	-0.1	.
44	22 B	287.53	287.45	0.08	290	3171	11.4	36147	1.198	1.158	0.053	1.20	16.61 "22p"	1.03	0.8	.
45	XY B	296.28	296.22	0.06	298	2948	11.5	33792	1.120	1.095	0.126	0.48	0.52 X/Yp PAR1	1.02	0.2	.
<b>p-arms</b>					Mean	2727	10.5	28750	1.000	1.000	0.059	1.00	(CV: <b>0.05</b> )	<b>1.00</b>		
46	1 C	305.16	305.17	-0.01	306	2008	11.4	22850	0.778	0.791	0.052	0.93	247.08 1q	0.98	-0.2	.
47	2 C	313.22	313.32	-0.10	314	2849	12.0	34252	1.167	1.226	0.046	1.62	241.18 2q	0.95	-1.3	.
48	3 C	321.21	321.36	-0.15	322	1875	11.7	21999	0.749	0.758	0.051	0.91	198.76 3q**	0.99	-0.2	.
49	4 C	329.59	329.81	-0.22	330	3869	12.5	48295	1.645	1.613	0.139	0.71	189.26 4q	1.02	0.2	.
50	5 C	337.71	337.81	-0.10	338	1772	12.0	21323	0.726	0.700	0.046	0.93	180.60 5q**	1.04	0.6	.
51	6 C	344.92	344.94	-0.02	346	2145	12.1	25867	0.881	0.891	0.035	1.56	170.69 6q	0.99	-0.3	.
52	7 C	353.62	353.51	0.11	354	2597	13.5	35140	1.197	1.146	0.105	0.67	158.60 7q	1.04	0.5	.
53	8 C	360.55	360.44	0.11	362	1981	12.4	24580	0.837	0.879	0.058	0.92	144.69 8q	0.95	-0.7	.
54	9 C	369.56	369.36	0.20	370	2703	12.6	34182	1.164	1.149	0.089	0.79	139.83 9q	1.01	0.2	.
55	10 C	377.68	377.31	0.37	378	2742	13.2	36313	1.237	1.199	0.066	1.11	135.05 10q	1.03	0.6	.
56	11 C	384.88	384.56	0.32	386	1444	12.5	18109	0.617	0.649	0.042	0.95	133.60 11q	0.95	-0.8	.
57	12 D	393.19	392.86	0.33	394	2005	13.0	25978	1.125	1.144	0.055	1.27	132.24 12q	0.98	-0.3	.
58	13 D	400.76	400.44	0.32	402	1814	13.2	23866	1.034	1.108	0.072	0.94	112.82 13q	0.93	-1.0	.
59	14 D	409.44	409.15	0.29	410	1575	13.1	20640	0.894	0.949	0.061	0.96	105.00 14q	0.94	-0.9	.
60	15 D	416.44	416.15	0.29	418	2084	13.4	27988	1.212	1.170	0.067	1.06	99.26 15q	1.04	0.6	.
61	16 D	423.57	423.31	0.26	426	1359	13.5	18340	0.794	0.782	0.036	1.33	88.63 16q	1.02	0.4	.
62	17 D	432.10	431.82	0.28	434	1678	13.4	22447	0.972	1.003	0.057	1.08	78.45 17q	0.97	-0.5	.
63	18 D	439.80	439.27	0.53 *	442	2459	14.0	34322	1.486	1.338	0.116	0.70	75.90 18q	1.11	1.3	.
64	19 D	447.54	447.41	0.13	450	1846	13.8	25407	1.100	1.179	0.111	0.65	63.75 19q	0.93	-0.7	.
65	20 D	456.21	455.83	0.38	458	880	13.8	12158	0.526	0.560	0.037	0.93	62.19 20q	0.94	-0.9	.
66	21 D	463.77	463.47	0.30	466	2443	14.0	34245	1.483	1.439	0.094	0.93	46.89 21q	1.03	0.5	.
67	22 D	471.87	471.63	0.24	474	1078	14.5	15598	0.675	0.703	0.034	1.27	49.55 22q**	0.96	-0.8	.
68	XY D	481.03	480.75	0.28	482	1106	14.6	16118	0.698	0.627	0.050	0.77	154.78 X/Yq PAR2	1.11	1.4	.
<b>q-arms</b>					Mean	2014	13.1	26088	1.000	1.000	0.066	1.00	(CV: <b>0.05</b> )	<b>0.99</b>		
<b>Mean values</b>			0.14		2370	11.8	27419	<b>1.000</b>	1.000	0.063	4		1.00	Total of all except		
<b>Standard deviations</b>			0.16			(Coef. of variance: 0.263)		0.244	0.228				0.05	Ctrl and '?' peaks		
<b>Quality assessment</b>			<b>Quality limits</b>			<b>Quality</b>			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			>1.00 (1.75)			9.54										
Mean CpG-area / mean A-group area			>0.45 (0.70)			0.82										
Mean height of first probes AB			> 450 ( 800)			2727										
Mean height of last probes CD			> 280 ( 500)			2014										
Ratio of mean heights AB/CD ('slope')			<2.75 (2.25)			1.35										
Mean group CV of weighted ratio			<0.20 (0.15)			0.10										
9 unidentified peak areas / 51 peak areas			< (0.02)			0.07 <b>high</b>										

Female & male ref.

1 quality warning!

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 303 (14 peaks). 100\*CV of ROX heights for peaks above 100 nt is: 5.22

(Ctrl probes are used for quality evaluation only)