

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	
17	64 -	60.44	60.50	-0.06	64	581	11.1	6458	1.251	1.397	0.154	0.92	64 nt	0.90	-0.9	.	
18	70 -	66.52	66.54	-0.02	70	400	10.3	4118	0.798	0.731	0.080	0.92	70 nt	1.09	0.8	-.	
20	76 -	72.76	72.86	-0.10	76	369	13.3	4912	0.951	0.917	0.080	1.16	76 nt	1.04	0.4	.	
	82 -	79.26			82					0.943	0.169		82 nt			.	
Ctrl: Q-fragments					Mean	450	11.6	5163	1.000	1.015	0.105	1.00	(CV: 0.10)	1.01			
22	6 a	85.55	85.67	-0.12	88	3587	6.4	22822	0.858	1.276	0.895	0.35	6p21.3 CpG isl.	0.67	-0.5	.	
23	2 a	90.93	91.04	-0.11	92	4162	6.4	26783	1.007	0.882	0.168	1.28	2q14 synt.	1.14	0.7	-.	
25	1 a	96.90	97.09	-0.19	96	5012	6.8	34175	1.285	1.023	0.182	1.37	mv36 1p36.3 CpG isl.	1.26	1.4	-.	
Ctrl: D-fragments					Mean	4254	6.5	27927	1.050	1.060	0.415	1.00	(CV: 0.19)	1.14			
26	X a	100.77	100.93	-0.16	100	5109	6.4	32756	1.232	0.541	0.118	1.00	111.94 Xq23	2.28	5.9*	-.	
	Y a	105.46	105		105					0.828	0.089		13.98 Yq11.21			.	
Ctrl: X- & Y-fragments (male ref.)					Mean	5109	6.4	32756	1.232	0.541	0.118	1.00	(CV:)	2.28			
28	5 A	124.47	124.53	-0.06	128	3289	6.6	21711	0.817	0.791	0.068	0.87	5q31.1	1.03	0.4	.	
35	3 A	171.74	171.72	0.02	172	5040	6.6	33244	1.250	1.284	0.106	0.91	3p22	0.97	-0.3	.	
42	2 A	208.40	208.42	-0.02	208	4287	6.8	29046	1.093	0.999	0.132	0.57	2p13	1.09	0.7	-.	
45	12 A	225.61	225.69	-0.08	226	3281	6.8	22344	0.840	0.925	0.092	0.75	12q24	0.91	-0.9	.	
63	2 B	382.03	382.08	-0.05	382	2767	8.1	22529	0.916	1.018	0.060	1.27	2p16	0.90	-1.7	.	
70	13 B	443.63	443.75	-0.12	445	3146	8.8	27751	1.128	1.018	0.077	0.99	13q34	1.11	1.4	-.	
72	2 B	460.00	459.98	0.02	463	2721	8.9	24236	0.985	0.954	0.044	1.63	2p21	1.03	0.7	.	
73	3 B	471.49	471.51	-0.02	472	2625	9.1	23883	0.971	1.009	0.075	1.01	3p21	0.96	-0.5	.	
Reference fragments					Mean	3395	7.7	25593	1.000	1.000	0.082	1.00	(CV: 0.08)	1.00			
62	7 b	372.50	372.53	-0.03	373	2400	8.4	20128	0.818	0.756	0.085	0.76	55.2 EGFR ex 1	1.08	0.7	-.	
67	7 b	417.65	417.75	-0.10	418	3221	8.5	27325	1.111	1.090	0.066	1.41	55.2 EGFR ex 2	1.02	0.3	.	
64	7 b	389.95	389.98	-0.03	391	4153	8.4	34897	1.419	1.289	0.139	0.79	55.2 EGFR ex 3	1.10	0.9	-.	
55	7 b	309.32	309.29	0.03	310	4847	7.7	37080	1.507	1.607	0.137	1.00	55.2 EGFR ex 4	0.94	-0.7	.	
32	7 a	153.90	153.92	-0.02	154	6013	6.6	39398	1.482	1.423	0.117	1.04	55.2 EGFR ex 5	1.04	0.5	.	
29	7 a	132.16	132.31	-0.15	136	5622	6.4	35759	1.345	1.486	0.110	1.15	55.2 EGFR ex 6	0.91	-1.3	.	
38	7 a	184.16	184.10	0.06	184	3779	6.6	24857	0.935	0.914	0.083	0.94	55.2 EGFR ex 7	1.02	0.3	.	
68	7 b	426.15	426.23	-0.08	427	2715	8.6	23370	0.950	1.053	0.105	0.86	55.2 EGFR ex 8	0.90	-1.0	.	
43	7 a	214.35	214.50	-0.15	214	4085	7.0	28628	1.077	1.068	0.061	1.49	55.2 EGFR ex 13	1.01	0.1	.	
71	7 b	452.24	452.24	0.00	454	4258	8.8	37670	1.531	1.614	0.252	0.55	55.2 EGFR ex 16	0.95	-0.3	.	
47	7 a	237.94	238.06	-0.12	238	6021	7.1	42605	1.603	1.531	0.129	1.01	55.2 EGFR ex 22	1.05	0.6	.	
7p11.2 EGFR					Mean	4283	7.6	31974	1.252	1.257	0.117	1.00	(CV: 0.06)	1.00			
41	9 a	202.13	202.15	-0.02	202	5699	6.7	38453	1.446	1.351	0.193	0.83	22.0 CDKN2A ex 2	1.07	0.5	-.	
51	9 b	271.41	271.46	-0.05	274	3357	7.1	24002	0.976	1.137	0.089	1.52	22.0 CDKN2A ex 3	0.86	-1.8	.	
60	9 b	355.75	355.75	0.00	355	2436	8.1	19808	0.805	0.772	0.104	0.88	22.0 CDKN2A Int 1	1.04	0.3	.	
50	9 b	263.87	263.98	-0.11	265	2484	7.3	18043	0.733	0.802	0.095	1.00	22.0 CDKN2A Pro A	0.91	-0.7	.	
33	9 a	161.13	161.06	0.07	160	2283	6.8	15510	0.583	0.551	0.084	0.78	22.0 CDKN2A Pro B	1.06	0.4	-.	
9p21 CDKN2A					Mean	3252	7.2	23163	0.909	0.923	0.113	1.00	(CV: 0.10)	0.97			
53	10 b	291.28	291.29	-0.01	292	3189	7.7	24414	0.992	1.125	0.102	1.19	89.7 PTEN ex 1A	0.88	-1.3	.	
57	10 b	327.86	327.81	0.05	328	3824	8.2	31391	1.276	1.316	0.118	1.21	89.7 PTEN ex 1B	0.97	-0.3	.	
58	10 b	338.81	338.70	0.11	337	4008	8.0	31894	1.297	1.202	0.071	1.82	89.7 PTEN ex 2A	1.08	1.3	-.	
39	10 a	189.70	189.61	0.09	190	6059	6.7	40565	1.526	1.406	0.141	1.08	89.7 PTEN ex 2B	1.09	0.9	-.	
36	10 a	178.03	177.94	0.09	178	4640	6.6	30462	1.146	0.936	0.167	0.61	89.7 PTEN ex 3	1.22	1.3	-.	
46	10 a	230.71	230.77	-0.06	232	4795	7.0	33366	1.255	1.097	0.131	0.90	89.7 PTEN ex 4	1.14	1.2	-.	
61	10 b	363.55	363.56	-0.01	364	2869	8.2	23483	0.955	0.820	0.146	0.61	89.7 PTEN ex 5	1.16	0.9	-.	
56	10 b	319.12	319.05	0.07	319	3432	7.5	25752	1.047	0.978	0.126	0.84	89.7 PTEN ex 6	1.07	0.5	-.	
31	10 a	146.99	147.07	-0.08	148	4084	6.3	25839	0.972	0.880	0.119	0.80	89.7 PTEN ex 7	1.10	0.8	-.	
65	10 b	399.27	399.32	-0.05	400	2857	8.3	23791	0.967	0.828	0.101	0.89	89.7 PTEN ex 8	1.17	1.4	-.	
69	10 b	434.81	434.92	-0.11	436	3278	8.6	28196	1.146	1.079	0.112	1.04	89.7 PTEN ex 9	1.06	0.6	-.	
10q23.3 PTEN					Mean	3912	7.5	29014	1.143	1.060	0.121	1.00	(CV: 0.09)	1.07			
54	17 b	301.56	301.59	-0.03	301	5110	7.7	39199	1.593	1.492	0.243	0.72	7.6 TP53 ex 1A	1.07	0.4	-.	
34	17 a	166.62	166.50	0.12	166	4084	6.6	26928	1.013	1.142	0.110	1.21	7.6 TP53 ex 1B	0.89	-1.2	.	
40	17 a	195.94	195.96	-0.02	196	3083	6.7	20784	0.782	0.865	0.099	1.03	7.6 TP53 ex 2	0.90	-0.8	.	
44	17 a	220.41	220.47	-0.06	220	2661	6.9	18439	0.694	0.776	0.084	1.08	7.6 TP53 ex 4	0.89	-1.0	.	
48	17 a	246.65	246.82	-0.17	247	2342	7.1	16651	0.626	0.716	0.061	1.37	7.6 TP53 ex 5	0.87	-1.5	.	
49	17 a	253.56	253.66	-0.10	256	2608	7.1	18436	0.693	0.750	0.081	1.09	7.6 TP53 ex 6	0.92	-0.7	.	
52	17 b	280.44	280.53	-0.09	283	3088	7.5	23053	0.937	1.191	0.184	0.76	7.6 TP53 ex 8	0.79	-1.4	.	
59	17 b	345.75	345.66	0.09	346	2128	8.3	17568	0.714	0.869	0.136	0.75	7.6 TP53 ex 11	0.82	-1.1	.	
17p13.1 TP53					Mean	3138	7.2	22632	0.882	0.975	0.125	1.00	(CV: 0.08)	0.89			
30	17 a	140.15	140.28	-0.13	142	4067	6.5	26465	0.995	1.024	0.068	1.18	35.1 ERBB2 ex 1A	0.97	-0.4	.	
66	17 b	407.75	407.81	-0.06	409	2365	8.6	20391	0.829	0.944	0.089	0.82	35.1 ERBB2 ex 1B	0.88	-1.3	.	
17q21.1 ERBB2					Mean	3216	7.6	23428	0.912	0.984	0.079	1.00	(CV: 0.07)	0.93			

----- 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
Mean values				-0.03		3728	7.5	27422	1.075	1.078	0.117	5		0.99	Total of all except
Standard deviations				0.08		(Coef. of variance: 0.280)			0.296	0.277				0.10	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						>0.40 (1.00)			5.15						
Mean CpG-area / mean A-group area						>0.30 (0.65)			1.07						
Mean height of first probes A						> 450 (700)			3974						
Mean height of last probes B						> 190 (400)			2815						
Ratio of mean heights A/B ('slope')						<3.50 (2.50)			1.41						
CV of Control Probes						<0.75 (0.40)			0.08			Female & male ref. Normal probes			
3 unidentified peak areas / 49 peak areas						< (0.02)			0.00						

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 372 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.07

(Ctrl probes are used for quality evaluation only)