Case: Deletion_9110_to_14605 Folder: P125-vs01-examples Date: 09-03-2009

P125-vs01 MITO Area kit (lot 1105) Female & male ref.: P125-vs01_t03 Ver.: 5.11

No.	Label	Size	Ref. size	Size diff.	MRC size	Peak Data: Height	Width	Area	Normalized Peak Area: Peak Area	Ref. Mean	Ref. SD	Ref. Weigh	Position p-tel	band	Ratio	Dist. in SD	1.0 low	1.0 high
	64 -		64.00		64									64 nt				
	70 -		70.00		70									70 nt				
	76 -		76.00		76									76 nt				
	82 -		82.00		82									82 nt				
Ctrl: Q-fragments					Mean							1.00		(CV:)				
13	m A	138.27	138.28	-0.01	142	3005	10.6	31709	1.063	1.054	0.055	0.95	698	742- 743	1.01	0.2		
16	m A	158.93	159.00	-0.07	160	3101	11.1	34546	1.158	1.223	0.070	0.87	249	1440- 1441	0.95	-0.9		
19	m A	175.70	175.75	-0.05	178	2204	11.1	24564	0.824	0.872	0.058	0.75	1005	1689- 1690	0.95	-0.8		
22	m A	200.89	200.94	-0.05	202	2415	12.0	28861	0.968	1.051	0.068	0.77	440	2694- 2695	0.92	-1.2		
25	m B	223.13	223.20	-0.07	226	2553	12.5	31877	1.349	1.290	0.086	0.75	109	3134- 3135	1.05	0.7		
	m B		263.00		265					1.000	0.010		180	3244- 3243 Re				
28	m B	253.68	253.77	-0.09	256	1732	15.2 *	26323	1.114	1.130	0.051	1.11	681	3423- 3424	0.99	-0.3		
30	m B	283.37	283.48	-0.11	286	2139	14.6	31314	1.326	1.180	0.056	1.05	752	4104- 4105	1.12	2.6		
33	m C	311.21	311.25	-0.04	313	1124	15.6	17480	0.867	0.840	0.031	1.34	571	4856- 4857	1.03	0.9		
36	m C	336.57	336.64	-0.07	337	1218	16.5	20154	1.000	1.083	0.089	0.61	395	5427- 5428	0.92	-0.9		
39	m C	367.64	367.64	0.00	370	1364	17.8	24329	1.207	1.062	0.029	1.85	200	5822- 5823	1.14	5.1 *		
42	m C	395.89	395.88	0.01	397	1129	18.9	21360	1.060	1.014	0.110	0.46	1124	6022- 6023	1.05	0.4		
14	m A	144.80	144.87	-0.07	148	2366	10.8	25456	0.854	0.845	0.024	1.78	503	7146- 7147	1.01	0.4		
17	m A	163.65	163.73	-0.08	166	2833	10.9	30786	1.032	1.016	0.035	1.44	263	7649- 7650	1.02	0.5		
20	m A	181.83	181.93	-0.10	184	2790	11.4	31704	1.063	1.109	0.053	1.04	292	7912- 7913	0.96	-0.9		
23	m B	208.72	208.76	-0.04	211	1395	12.0	16674	0.706	0.759	0.048	0.79	188	8204- 8205	0.93	-1.1		
26	m B	234.89	234.96	-0.07	238	1601	13.1	20920	0.886	0.844	0.043	0.99	264	8392- 8393	1.05	1.0		
24	m B	217.10	217.22	-0.12	220	2732	12.3	33689	1.426	1.276	0.078	0.81	513	8656- 8657	1.12	1.9		
31	m B	292.18	292.25	-0.07	295	766	14.6	11161	0.472	0.784	0.042	0.94	157	9169- 9170	0.60	-7.5 *		
34	m C	320.81	320.85	-0.04	322	940	15.5	14613	0.725	1.211	0.047	1.28	589	9326- 9327	0.60	-10.3 *		
37	m C	348.99	349.00	-0.01	349	822	16.7	13726	0.681	1.199	0.059	1.01	256	9915- 9916	0.57	-8.8 *		
40	m C	374.18	374.16	0.02	376	730	17.5	12786	0.634	1.189	0.050	1.20	751	10171-10172	0.53	-11.2 *		
43	m C	405.45	405.53	-0.08	406	354	19.4	6871	0.341	0.605	0.058	0.52	606	10922-10923	0.56	-4.5 *		
15	m A	151.43	151.59	-0.16	154	1572	11.0	17283	0.580	0.990	0.047	1.06	540	11528-11529	0.59	-8.8 *		
18	m A	168.99	169.13	-0.14	172	1563	10.9	16967	0.569	0.994	0.033	1.52	407	12068-12069	0.57	-13.0 *		
21	m A	187.71	187.78	-0.07	190	1246	11.5	14379	0.482	0.847	0.055	0.77	1547	12475-12476	0.57	-6.7 *		
27	m B	244.08	244.18	-0.10	247	1040	13.1	13578	0.575	1.002	0.053	0.95	151	14022-14023	0.57	-8.1 *		
29	m B	270.89	270.95	-0.06	273	1200	14.1	16919	0.716	1.155	0.058	0.99	387	14173-14174	0.62	-7.5 *		
32	m B	301.60	301.65	-0.05	304	543	15.0	8160	0.345	0.579	0.049	0.59	265	14560-14561	0.60	-4.8 *		
35	m C	327.04	327.15	-0.11	328	816	16.0	13085	0.649	0.540	0.037	0.73	517	14825-14826	1.20	3.0		
38	m C	355.74	355.75	-0.01	358	1310	17.2	22582	1.120	1.079	0.054	1.00	422	15342-15343	1.04	0.8		
41	m C	387.28	387.37	-0.09	388	1371	18.3	25029	1.242	1.178	0.055	1.06	1549	15764-15765	1.05	1.2		
MITO Area					Mean	1612	14.1	21254	0.872	1.000	0.054	1.00		(CV: **0.26**)	**0.87**			
Mean values				-0.06		1612	14.1	21254	**0.872**	1.000	0.054	2			0.87	Total of all except		
Standard deviations				0.04		(Coef. of variance:		0.375)	0.300	0.203					0.23	Ctrl and '?' peaks		

Quality assessment	**Quality limits**	**Quality**
Not evaluated as < 2 Q-fragments	>0.65 (1.50)	
Mean height of first probes A	> 450 (800)	2310
Mean height of last probes C	> 280 (500)	1016
Ratio of mean heights A/C ('slope')	<3.00 (2.50)	2.27
0 uinidentified peak areas / 31 peak areas	< (0.02)	0.00

Female & male ref.

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 217 (15 peaks). CV of ROX heights for peaks above 100 nt is: 0.14

(Ctrl probes are used for quality evaluation only)