Case: Deletion_8580_to_11531 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	Height	Width	Area	Peak Area	Ref. Mean	Ref. SD	Ref. Weigh	Position p-tel	Position band	Ratio	Dist. in SD	1.0 low 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:)			
7	m A	138.26	138.28	-0.02	142	6225	10.8	66938	0.950	1.054	0.055	0.95	698	742- 743	0.90	-1.9	| ·
10	m A	158.99	159.00	-0.01	160	7548 *	10.9	82028	1.164	1.223	0.070	0.87	249	1440- 1441	0.95	-0.8	·
13	m A	175.77	175.75	0.02	178	4245	10.7	45607	0.647	0.872	0.058	0.75	1005	1689- 1690	0.74	-3.9	||| ·
16	m A	200.90	200.94	-0.04	202	5976	11.1	66457	0.943	1.051	0.068	0.77	440	2694- 2695	0.90	-1.6	| ·
19	m B	223.16	223.20	-0.04	226	6423	11.4	73323	1.144	1.290	0.086	0.75	109	3134- 3135	0.89	-1.7	| ·
	m B		263.00		265					1.000	0.010		180	3244- 3243 Re			
22	m B	253.76	253.77	-0.01	256	4902	13.2	64471	1.006	1.130	0.051	1.11	681	3423- 3424	0.89	-2.4	| ·
25	m B	283.50	283.48	0.02	286	6132	12.2	74505	1.163	1.180	0.056	1.05	752	4104- 4105	0.99	-0.3	·
28	m C	311.23	311.25	-0.02	313	4005	12.3	49069	0.813	0.840	0.031	1.34	571	4856- 4857	0.97	-0.8	·
31	m C	336.62	336.64	-0.02	337	4664	13.2	61405	1.018	1.083	0.089	0.61	395	5427- 5428	0.94	-0.7	| ·
34	m C	367.58	367.64	-0.06	370	4690	13.4	62943	1.043	1.062	0.029	1.85	200	5822- 5823	0.98	-0.7	·
37	m C	395.84	395.88	-0.04	397	3993	14.0	55867	0.926	1.014	0.110	0.46	1124	6022- 6023	0.91	-0.8	| ·
8	m A	144.84	144.87	-0.03	148	5995	10.7	64129	0.910	0.845	0.024	1.78	503	7146- 7147	1.08	2.8	· |
11	m A	163.77	163.73	0.04	166	7020 *	10.5	73690	1.046	1.016	0.035	1.44	263	7649- 7650	1.03	0.8	·
14	m A	181.95	181.93	0.02	184	6992	10.8	75241	1.068	1.109	0.053	1.04	292	7912- 7913	0.96	-0.8	·
17	m B	208.74	208.76	-0.02	211	4101	10.9	44731	0.698	0.759	0.048	0.79	188	8204- 8205	0.92	-1.3	| ·
20	m B	234.90	234.96	-0.06	238	4636	11.5	53444	0.834	0.844	0.043	0.99	264	8392- 8393	0.99	-0.2	·
18	m B	217.13	217.22	-0.09	220	3265	11.0	36001	0.562	1.276	0.078	0.81	513	8656- 8657	0.44	-9.1 *	||||| ·
26	m B	292.34	292.25	0.09	295	1978	12.1	23903	0.373	0.784	0.042	0.94	157	9169- 9170	0.48	-9.9 *	||||| ·
29	m C	320.75	320.85	-0.10	322	2388	12.5	29863	0.495	1.211	0.047	1.28	589	9326- 9327	0.41	-15.2 *	|||||| ·
32	m C	349.05	349.00	0.05	349	2021	12.9	26157	0.434	1.199	0.059	1.01	256	9915- 9916	0.36	-12.9 *	|||||| ·
35	m C	374.19	374.16	0.03	376	2141	13.2	28220	0.468	1.189	0.050	1.20	751	10171-10172	0.39	-14.5 *	|||||| ·
38	m C	405.45	405.53	-0.08	406	966	14.0	13529	0.224	0.605	0.058	0.52	606	10922-10923	0.37	-6.5 *	|||||| ·
9	m A	151.54	151.59	-0.05	154	2982	10.2	30373	0.431	0.990	0.047	1.06	540	11528-11529	0.44	-12.0 *	|||||| ·
12	m A	169.17	169.13	0.04	172	6846	10.5	72077	1.023	0.994	0.033	1.52	407	12068-12069	1.03	0.9	·
15	m A	187.79	187.78	0.01	190	6374	10.8	68848	0.977	0.847	0.055	0.77	1547	12475-12476	1.15	2.4	· ||
21	m B	244.11	244.18	-0.07	247	5481	11.6	63681	0.994	1.002	0.053	0.95	151	14022-14023	0.99	-0.2	·
24	m B	270.94	270.95	-0.01	273	6154	11.9	72970	1.139	1.155	0.058	0.99	387	14173-14174	0.99	-0.3	·
27	m B	301.61	301.65	-0.04	304	3423	12.1	41531	0.648	0.579	0.049	0.59	265	14560-14561	1.12	1.4	· |
30	m C	327.05	327.15	-0.10	328	3052	12.8	38967	0.646	0.540	0.037	0.73	517	14825-14826	1.20	2.9	· ||
33	m C	355.72	355.75	-0.03	358	4514	13.4	60330	1.000	1.079	0.054	1.00	422	15342-15343	0.93	-1.5	| ·
36	m C	387.33	387.37	-0.04	388	5058	13.5	68527	1.136	1.178	0.055	1.06	1549	15764-15765	0.96	-0.8	·
MITO Area					Mean	4651	11.9	54478	0.836	1.000	0.054	1.00		(CV: **0.29**)	**0.86**		
Mean values				-0.02		4651	11.9	54478	**0.836**	1.000	0.054	**2**			0.86	Total of all except	
Standard deviations				0.05		(Coef. of variance:		0.341)	0.271	0.203					0.25	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)	6020
Mean height of last probes C	> 280 (500)	3408
Ratio of mean heights A/C ('slope')	<3.00 (2.50)	1.77
1 uinidentified peak area / 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 330 (15 peaks). CV of ROX heights for peaks above 100 nt is: 0.04

(Ctrl probes are used for quality evaluation only)