

Pos. 1

RUN Name:Dzul_Sassan14012011	Assay	Sample ID	Analysis Method Version	Pos. 1 Name	Pos. 1 Methylation (%)	Pos. 1 Quality
A9	Sassan_CpG1-14	17_SN8-19	1.0.9	Position1	8.81	Passed
A10	Sassan_CpG1-14	25-SN8-19	1.0.9	Position1	3.04	Failed
B9	Sassan_CpG1-14	17_meth	1.0.9	Position1	94.22	Failed
B10	Sassan_CpG1-14	25_meth	1.0.9	Position1	29.29	Failed
C9	Sassan_CpG1-14	18_SN8-19	1.0.9	Position1	7.3	Passed
D9	Sassan_CpG1-14	18_meth	1.0.9	Position1	100	Failed
E9	Sassan_CpG1-14	19_SN8-19	1.0.9	Position1	14.63	Passed
F9	Sassan_CpG1-14	19_meth	1.0.9	Position1	100	Passed
G9	Sassan_CpG1-14	22_SN8-19	1.0.9	Position1	5.71	Passed
H9	Sassan_CpG1-14	22_meth	1.0.9	Position1	96.81	Passed

Pos. 2

Pos. 1 Original Quality	Pos. 1 Edited	Pos. 1 Warnings	Pos. 2 Name	Pos. 2 Methylation (%)	Pos. 2 Quality	Pos. 2 Original Quality	Pos. 2 Edited
Check	Yes	Uncertain reference	Position2	7.86	Failed	Failed	No
Failed	No	Failed reference seq	Position2	4.12	Failed	Failed	No
Failed	No	Uncertain reference	Position2	84.12	Failed	Failed	No
Failed	No	Failed reference seq	Position2	73.28	Failed	Failed	No
Passed	No		Position2	5.24	Passed	Passed	No
Failed	No	Failed reference seq	Position2	77.81	Failed	Failed	No
Check	Yes	Uncertain reference	Position2	13.39	Failed	Failed	No
Passed	No		Position2	91.67	Passed	Passed	No
Passed	No		Position2	8.01	Passed	Check	Yes
Passed	No		Position2	93.14	Passed	Passed	No

Pos. 3

Pos. 4

Pos. 2 Warnings	Pos. 3 Name	Pos. 3 Methylation (%)	Pos. 3 Quality	Pos. 3 Original Quality	Pos. 3 Edited	Pos. 3 Warnings	Pos. 4 Name
Uncertain reference	Position3	2.5	Failed	Failed	No	Uncertain reference	Position4
Failed reference seq	Position3	0	Failed	Failed	No	Failed reference seq	Position4
Uncertain reference	Position3	75.31	Failed	Failed	No	Uncertain reference	Position4
Failed reference seq	Position3		Insufficient data fo	Insufficient data for analysis		Not analyzable due to	Position4
	Position3	1.75	Passed	Passed	No		Position4
Failed reference seq	Position3	69.03	Failed	Failed	No	Failed reference seq	Position4
Uncertain reference	Position3	1.81	Failed	Failed	No	Uncertain reference	Position4
	Position3	75.43	Passed	Passed	No		Position4
Uncertain reference	Position3	1.45	Passed	Check	Yes	Uncertain reference	Position4
	Position3	82.37	Passed	Passed	No		Position4

Pos. 5

Pos. 4 Methylation (%)	Pos. 4 Quality	Pos. 4 Original Quality	Pos. 4 Edited	Pos. 4 Warnings	Pos. 5 Name	Pos. 5 Methylation (%)	Pos. 5 Quality
2.64	Failed	Failed	No	Uncertain reference	Position5	1.86	Failed
0	Failed	Failed	No	Failed reference seq	Position5	0	Failed
36.15	Failed	Failed	No	Uncertain reference	Position5	28.79	Failed
7	Failed	Failed	No	Failed reference seq	Position5		Insufficient data fo
1.99	Passed	Check	Yes	Uncertain due to high	Position5	1.2	Passed
11.88	Failed	Failed	No	Failed reference seq	Position5	6.79	Failed
4.38	Failed	Failed	No	Uncertain reference	Position5	4.01	Failed
60.19	Passed	Check	Yes	Uncertain due to high	Position5	84	Passed
2.35	Passed	Check	Yes	Uncertain reference	Position5	2.84	Passed
68.03	Passed	Passed	No		Position5	81.6	Passed

Pos. 6

Pos. 5 Original Quality	Pos. 5 Edited	Pos. 5 Warnings	Pos. 6 Name	Pos. 6 Methylation (%)	Pos. 6 Quality	Pos. 6 Original Quality	Pos. 6 Edited
Failed	No	Uncertain reference	Position6	2.15	Failed	Failed	No
Failed	No	Failed reference seq	Position6	2.33	Failed	Failed	No
Failed	No	Uncertain reference	Position6	50.49	Failed	Failed	No
Insufficient data for analysis		Not analyzable due t	Position6	34.43	Failed	Failed	No
Passed	No		Position6	1.16	Passed	Check	Yes
Failed	No	Failed reference seq	Position6	23.83	Failed	Failed	No
Failed	No	Uncertain reference	Position6	1.34	Failed	Failed	No
Passed	No		Position6	55.6	Passed	Check	Yes
Check	Yes	Uncertain reference	Position6	1.64	Passed	Check	Yes
Passed	No		Position6	56.44	Passed	Check	Yes

Pos. 7

Pos. 8

Pos. 6 Warnings	Pos. 7 Name	Pos. 7 Methylation (%)	Pos. 7 Quality	Pos. 7 Original Quality	Pos. 7 Edited	Pos. 7 Warnings	Pos. 8 Name
Uncertain reference	Position7	3.86	Failed	Failed	No	Uncertain reference	Position8
Failed reference seq	Position7	4.84	Failed	Failed	No	Failed reference seq	Position8
Uncertain reference	Position7	86.87	Failed	Failed	No	Uncertain reference	Position8
Failed reference seq	Position7	87.37	Failed	Failed	No	Failed reference seq	Position8
Uncertain due to high	Position7	3.43	Passed	Passed	No		Position8
Failed reference seq	Position7	49.04	Failed	Failed	No	Failed reference seq	Position8
Uncertain reference	Position7	4.02	Failed	Failed	No	Uncertain reference	Position8
Uncertain due to high	Position7	99.04	Passed	Passed	No		Position8
Uncertain reference	Position7	3.83	Passed	Check	Yes	Uncertain reference	Position8
Uncertain due to high	Position7	99.37	Passed	Passed	No		Position8

Pos. 9

Pos. 8 Methylation (%)	Pos. 8 Quality	Pos. 8 Original Quality	Pos. 8 Edited	Pos. 8 Warnings	Pos. 9 Name	Pos. 9 Methylation (%)	Pos. 9 Quality
5.4	Failed	Failed	No	Uncertain reference	Position9	1.34	Failed
6.14	Failed	Failed	No	Failed reference seq	Position9	1.04	Failed
90.67	Failed	Failed	No	Uncertain reference	Position9	29.02	Failed
86.83	Failed	Failed	No	Failed reference seq	Position9	11.54	Failed
5.07	Passed	Passed	No		Position9	1.42	Passed
71.76	Failed	Failed	No	Failed reference seq	Position9	7.55	Failed
4.27	Failed	Failed	No	Uncertain reference	Position9	1.4	Failed
97.18	Passed	Passed	No		Position9	57.13	Passed
5.69	Passed	Check	Yes	Uncertain reference	Position9	1.83	Passed
95.62	Passed	Passed	No		Position9	60.57	Passed

Pos. 10

Pos. 9 Original Quality	Pos. 9 Edited	Pos. 9 Warnings	Pos. 10 Name	Pos. 10 Methylation (%)	Pos. 10 Quality	Pos. 10 Original Quality	Pos. 10 Edited
Failed	No	Uncertain reference	Position10	4.64	Failed	Failed	No
Failed	No	Failed reference seq	Position10	3.75	Failed	Failed	No
Failed	No	Uncertain reference	Position10	55.32	Failed	Failed	No
Failed	No	Failed reference seq	Position10	61.52	Failed	Failed	No
Check	Yes	Uncertain due to high	Position10	3.3	Passed	Passed	No
Failed	No	Failed reference seq	Position10	16.97	Failed	Failed	No
Failed	No	Uncertain reference	Position10	4.96	Failed	Failed	No
Check	Yes	Uncertain due to high	Position10	95.91	Passed	Passed	No
Check	Yes	Uncertain reference	Position10	3.12	Passed	Check	Yes
Check	Yes	Uncertain due to high	Position10	94.11	Passed	Passed	No

Pos. 11

Pos. 12

Pos. 10 Warnings	Pos. 11 Name	Pos. 11 Methylation (%)	Pos. 11 Quality	Pos. 11 Original Quality	Pos. 11 Edited	Pos. 11 Warnings	Pos. 12 Name
Uncertain reference sequence	Position11	1.9	Failed	Failed	No	Uncertain reference sequence	Position12
Failed reference sequence	Position11	0	Failed	Failed	No	Failed reference sequence	Position12
Uncertain reference sequence	Position11	79.61	Failed	Failed	No	Uncertain reference sequence	Position12
Failed reference sequence	Position11	53.71	Failed	Failed	No	Failed reference sequence	Position12
	Position11	0	Passed	Passed	No		Position12
Failed reference sequence	Position11	46.64	Failed	Failed	No	Failed reference sequence	Position12
Uncertain reference sequence	Position11	1.04	Failed	Failed	No	Uncertain reference sequence	Position12
	Position11	84.68	Passed	Passed	No		Position12
Uncertain reference sequence	Position11	0	Passed	Check	Yes	Uncertain reference sequence	Position12
	Position11	85.82	Passed	Passed	No		Position12

Pos. 13

Pos. 12 Methylation (%)	Pos. 12 Quality	Pos. 12 Original Quality	Pos. 12 Edited	Pos. 12 Warnings	Pos. 13 Name	Pos. 13 Methylation (%)
2.27	Failed	Failed	No	Uncertain reference s	Position13	3.43
1.56	Failed	Failed	No	Failed reference sequ	Position13	0
69.22	Failed	Failed	No	Uncertain reference s	Position13	91.94
22.83	Failed	Failed	No	Failed reference sequ	Position13	74.02
1.58	Passed	Passed	No		Position13	0
30.17	Failed	Failed	No	Failed reference sequ	Position13	86.04
1.22	Failed	Failed	No	Uncertain reference s	Position13	3.01
77.05	Passed	Passed	No		Position13	96.9
1.44	Passed	Check	Yes	Uncertain reference s	Position13	2.02
77.3	Passed	Passed	No		Position13	100

Pos. 14

Pos. 13 Quality	Pos. 13 Original Quality	Pos. 13 Edited	Pos. 13 Warnings	Pos. 14 Name	Pos. 14 Methylation (%)	Pos. 14 Quality
Failed	Failed	No	Uncertain reference sequence	Position14	5.14	Failed
Failed	Failed	No	Failed reference sequence	Position14	2.16	Failed
Failed	Failed	No	Uncertain reference sequence	Position14	82.84	Failed
Failed	Failed	No	Failed reference sequence	Position14	21.33	Failed
Passed	Check	Yes	Uncertain reference sequence	Position14	3.5	Passed
Failed	Failed	No	Failed reference sequence	Position14	64.83	Failed
Failed	Failed	No	Uncertain reference sequence	Position14	4.7	Failed
Passed	Passed	No		Position14	88.58	Passed
Passed	Check	Yes	Uncertain reference sequence	Position14	4.33	Passed
Passed	Check	Yes	Uncertain reference sequence	Position14	96.81	Passed

Pos. 15

Pos. 14 Original Quality	Pos. 14 Edited	Pos. 14 Warnings	Pos. 15 Name	Pos. 15 Methylation (%)	Pos. 15 Quality	Pos. 15 Original Quality
Failed	No	Uncertain reference s	Position15	2.08	Failed	Failed
Failed	No	Failed reference sequ	Position15	0	Failed	Failed
Failed	No	Uncertain reference s	Position15	80.57	Failed	Failed
Failed	No	Failed reference sequ	Position15	46.52	Failed	Failed
Check	Yes	Uncertain reference s	Position15	0	Passed	Check
Failed	No	Failed reference sequ	Position15	60.8	Failed	Failed
Failed	No	Uncertain reference s	Position15	1.65	Failed	Failed
Passed	No		Position15	89.19	Passed	Passed
Check	Yes	Uncertain reference s	Position15	0	Passed	Check
Check	Yes	Uncertain reference s	Position15	79.29	Passed	Check

Pos. 16

Pos. 15 Edited	Pos. 15 Warnings	Pos. 16 Name	Pos. 16 Methylation (%)	Pos. 16 Quality	Pos. 16 Original Quality	Pos. 16 Edited	Pos. 16 Warnings
No	Uncertain reference sequence	Position16	1.98	Failed	Failed	No	Uncertain reference sequence
No	Failed reference sequence	Position16	0	Failed	Failed	No	Failed reference sequence
No	Uncertain reference sequence	Position16	65.98	Failed	Failed	No	Uncertain reference sequence
No	Failed reference sequence	Position16	6.51	Failed	Failed	No	Failed reference sequence
Yes	Uncertain reference sequence	Position16	6.53	Passed	Check	Yes	Uncertain reference sequence
No	Failed reference sequence	Position16	33.87	Failed	Failed	No	Failed reference sequence
No	Uncertain reference sequence	Position16	1.27	Failed	Failed	No	Uncertain reference sequence
No		Position16	60.88	Passed	Check	Yes	Uncertain due to high
Yes	Uncertain reference sequence	Position16	0	Passed	Check	Yes	Uncertain reference sequence
Yes	Uncertain reference sequence	Position16	55.7	Passed	Check	Yes	Uncertain reference sequence

Pos. 17

Statistics calculated over

Pos. 17 Name	Pos. 17 Methylation (%)	Pos. 17 Quality	Pos. 17 Original Quality	Pos. 17 Edited	Pos. 17 Warnings	No. CpGs	Mean
Position17	3.03	Failed	Failed	No	Uncertain reference sequence	17	3.58
Position17	0.89	Failed	Failed	No	Failed reference sequence	17	1.76
Position17	93.06	Failed	Failed	No	Uncertain reference sequence	17	70.25
Position17	9.71	Failed	Failed	No	Failed reference sequence	15	41.73
Position17	0	Passed	Check	Yes	Uncertain reference sequence	17	2.56
Position17	77.64	Failed	Failed	No	Failed reference sequence	17	49.1
Position17	2.99	Failed	Failed	No	Uncertain reference sequence	17	4.12
Position17	95.75	Passed	Passed	No		17	82.89
Position17	0	Passed	Check	Yes	Uncertain reference sequence	17	2.6
Position17	93.22	Passed	Check	Yes	Uncertain reference sequence	17	83.31

all CpGs

Statistics calculated over all CpGs with Passed or Check Quality

Statistics calculated over all CpGs with Passed Quality

Standard Deviation	Min	Max	No. CpGs2	Mean3	Standard Deviation4	Min5	Max6	No. CpGs7	Mean8	Standard Deviation9
2.16	1.34	8.81	1	8.81	0	8.81	8.81	1	8.81	0
1.99	0	6.14	0					0		
22.42	28.79	94.22	0					0		
29.37	6.51	87.37	0					0		
2.33	0	7.3	17	2.56	2.33	0	7.3	17	2.56	2.33
29.64	6.79	100	0					0		
3.97	1.04	14.63	1	14.63	0	14.63	14.63	1	14.63	0
15.69	55.6	100	17	82.89	15.69	55.6	100	17	82.89	15.69
2.3	0	8.01	17	2.6	2.3	0	8.01	17	2.6	2.3
15.13	55.7	100	17	83.31	15.13	55.7	100	17	83.31	15.13

ality Statistics calculated over all CpGs with Check Quality

Statistics calculated over all CpGs with Failed Quality

Min10	Max11	No. CpGs12	Mean13	Standard Deviation14	Min15	Max16	No. CpGs17	Mean18	Standard Deviation19	Min20	Max21
8.81	8.81	0					16	3.26	1.74	1.34	7.86
		0					17	1.76	1.99	0	6.14
		0					17	70.25	22.42	28.79	94.22
		0					15	41.73	29.37	6.51	87.37
0	7.3	0					0				
		0					17	49.1	29.64	6.79	100
14.63	14.63	0					16	3.47	3	1.04	13.39
55.6	100	0					0				
0	8.01	0					0				
55.7	100	0					0				