

Table 4:

Probe set	Baseline expression value [§]	Fold change	p-value	Annotation	Promoter region		Coding region	
					Total bp analyzed	# methylated cytosines/ # total cytosines	Total bp analyzed	# methylated cytosines/# total cytosines
Control genes								
64.m00187_s_at	14.05	0.90	0.731	EHsp100	455	10/62	397	48/48
64.m00187_s_at**	14.05	0.90	0.731	EHsp100**	ND	ND	397	0/48
Significantly upregulated								
141.m00082_at	0.32	2.98	0.010	protein kinase, putative transcription initiation factor	308	36/36	73	13/13
115.m00143_at	0.12	3.64	0.001	TFIID, putative	266	0/27	254	5/40
97.m00140_at	0.08	3.10	0.006	hypothetical protein	248	59/59	110	23/23
Marginally upregulated								
687.m00016_at	12.16	18.68	0.091	hypothetical protein	328	18/18	ND	ND
3.m00674_at	0.62	2.17	0.089	hypothetical protein	143	16/16	ND	ND
160.m00098_at	11.46	1.72	0.112	hypothetical protein	244	16/16	ND	ND
26.m00304_at	0.54	1.64	0.086	hypothetical protein	115	19/19	ND	ND
Significantly downregulated								
226.m00092_at	0.343	0.34	0.008	Rab family GTPase	347	0/27	41	0/6

**genomic DNA from *E. histolytica* HM-1:IMSS parasites treated with 23 μ M 5-AzaC for 7 days

ND = not done

[§]Baseline expression level in untreated HM-1:IMSS