

A

	Hypo-methylated CpGs	Hyper-methylated CpGs
All CpGs (FDR<0.05)	133 (103 genes)	190 (119 genes)
All CpGs (p<0.001)	1519 (1330 genes)	1486 (1214 genes)
promoters (p<0.001)	494 (460 genes)	476 (434 genes)

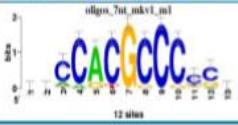
B

oligos_6nt_mkv1_m1	K-mer sig. 1.74 e-value: 0.018	versus <u>jaspar core nonredundant vertebrates:</u> SP8, KLF14, SP3
oligos_7nt_mkv1_m1	K-mer sig. 1.81 e-value: 0.015	versus <u>jaspar core nonredundant vertebrates:</u> KLF14, Klf12, SP8
oligos_7nt_mkv1_m2	K-mer sig. 1.60 e-value: 0.025	versus <u>jaspar core nonredundant vertebrates:</u> no match

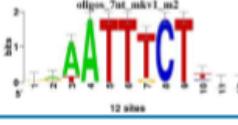
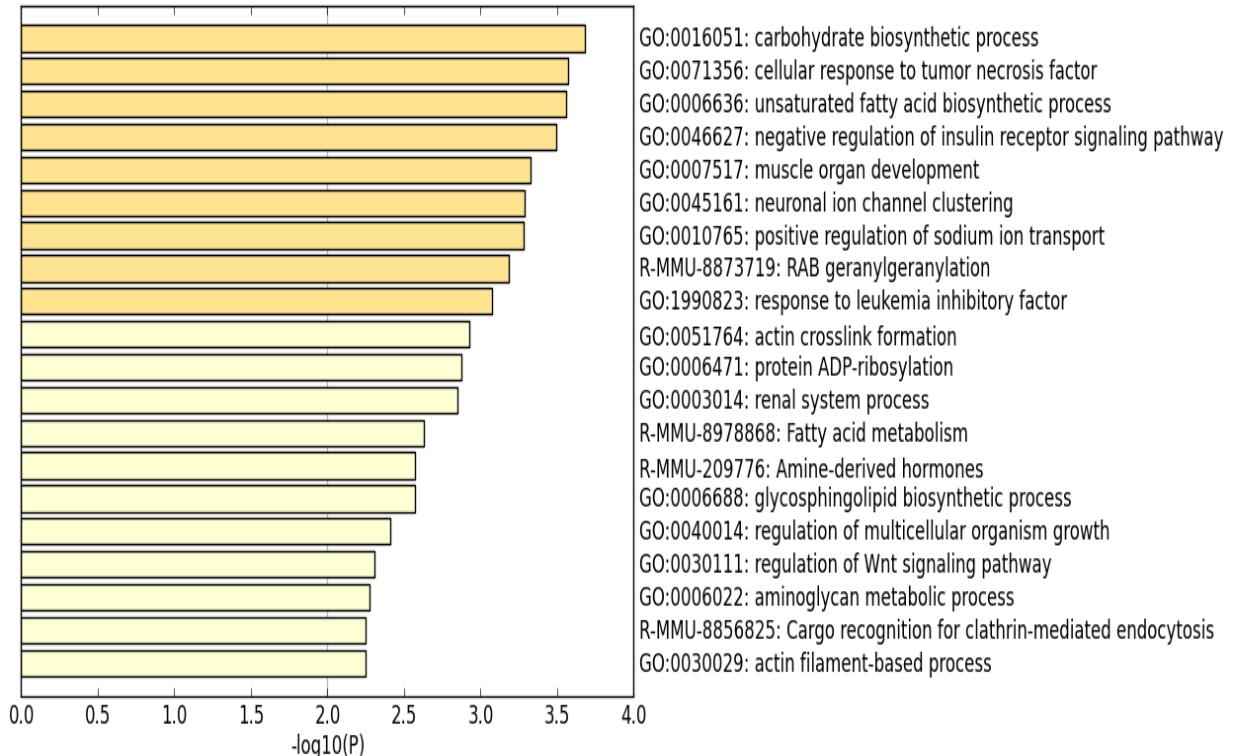
cvCCACGCCCGs



byCCACGCCCc mh



rrAAATTCTttw

**C Hypo-methylated promoters (460 genes)****D Hyper-methylated promoters (434 genes)**