

[Database and Motifs](#) [High-scoring Motif Occurrences](#) [Debugging Information](#) [Results in TSV Format](#) [Results in GFF3 Format](#)

FIMO - Motif search tool

FIMO version 5.5.1, (Release date: Sun Jan 29 10:33:12 2023 -0800)

For further information on how to interpret these results please access <https://meme-suite.org/meme/doc/fimo-output-format.html>.
To get a copy of the FIMO software please access <https://meme-suite.org>

If you use FIMO in your research, please cite the following paper:

Charles E. Grant, Timothy L. Bailey, and William Stafford Noble, "FIMO: Scanning for occurrences of a given motif", *Bioinformatics*, 27(7):1017-1018, 2011. [\[full text\]](#)

DATABASE AND MOTIFS

DATABASE ./Galaxy8-hyperacetylation.fasta.fasta
Database contains 958 sequences, 3686932 residues

MOTIFS meme_out/meme.xml (DNA)

MOTIF	WIDTH	BEST POSSIBLE MATCH
TTTTTTKTTTTTTT	15	TTTTTTTTTTTTTTT
GGGHGGCSGMGGSGG	15	GGGAGGCCGAGGCAG
GCTGGGATTACAGGC	15	GCTGGGATTACAGGC

Random model letter frequencies (./background):
A 0.267 C 0.233 G 0.233 T 0.267

SECTION I: HIGH-SCORING MOTIF OCCURENCES

- There were 3097 motif occurrences with a p-value less than 0.0001. **Only the most significant 1000 matches are shown here.** The full set of motif occurrences can be seen in the TSV (tab-delimited values) output file [fimo.tsv](#), the GFF3 file [fimo.gff](#) which may be suitable for uploading to the [UCSC Genome Table Browser](#) (assuming the FASTA input sequences included genomic coordinates in UCSC or Galaxy format), or the XML file [fimo.xml](#).
- The *p*-value of a motif occurrence is defined as the probability of a random sequence of the same length as the motif matching that position of the sequence with as good or better a score.
- The score for the match of a position in a sequence to a motif is computed by summing the appropriate entries from each column of the position-dependent scoring matrix that represents the motif.
- The q-value of a motif occurrence is defined as the false discovery rate if the occurrence is accepted as significant.
- The table is sorted by increasing *p*-value.

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr9	-	692752	692766	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	696030	696044	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	701368	701382	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	703256	703270	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	1881000	1881014	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	-	2115274	2115288	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	-	2115409	2115423	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	2792445	2792459	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	2847984	2847998	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	3155486	3155500	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	3156871	3156885	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	3966544	3966558	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	3976806	3976820	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	3976941	3976955	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	3990307	3990321	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	4106982	4106996	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	4310068	4310082	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	4646956	4646970	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	4735305	4735319	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	4735439	4735453	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	5686518	5686532	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	6299724	6299738	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	6301083	6301097	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	+	7177668	7177682	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	+	7179187	7179201	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	+	7181081	7181095	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr19	+	7181856	7181870	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	7182080	7182094	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	+	7405042	7405056	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	+	7405568	7405582	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	7406708	7406722	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	7406853	7406867	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	-	7822717	7822731	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	7824584	7824598	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	7829170	7829184	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	7842303	7842317	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	8196599	8196613	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	8207062	8207076	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	8583178	8583192	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	9317773	9317787	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	9317906	9317920	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	+	9332431	9332445	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	9937755	9937769	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	9937890	9937904	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	-	10589051	10589065	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	11139385	11139399	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	11513894	11513908	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	11517354	11517368	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	-	12223541	12223555	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	14247422	14247436	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	14247556	14247570	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	14247690	14247704	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr3	+	14443109	14443123	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	14491522	14491536	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	15360199	15360213	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	15364518	15364532	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	15368779	15368793	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	-	15684151	15684165	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	-	15685187	15685201	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16188638	16188652	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16188771	16188785	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	+	16191783	16191797	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	16544515	16544529	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16943938	16943952	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16950229	16950243	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16950364	16950378	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	17049892	17049906	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	17068369	17068383	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	-	17875386	17875400	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	18629473	18629487	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	18629910	18629924	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	+	18633947	18633961	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	19129524	19129538	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	19131888	19131902	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	+	19617372	19617386	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	19742297	19742311	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	19744368	19744382	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19754634	19754648	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr1	-	19754769	19754783	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19767292	19767306	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19770524	19770538	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	19773843	19773857	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	19785114	19785128	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	-	19976696	19976710	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	-	19978140	19978154	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	20809248	20809262	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	-	20912131	20912145	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	20923528	20923542	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	+	20923857	20923871	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	20924126	20924140	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	20939088	20939102	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	20939221	20939235	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	-	21286465	21286479	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	21475461	21475475	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	21477207	21477221	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	22397273	22397287	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	22705855	22705869	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	23405955	23405969	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	23406113	23406127	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	24000517	24000531	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	-	24000651	24000665	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	24681535	24681549	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	24683068	24683082	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	24683713	24683727	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr2	-	25077656	25077670	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	25077993	25078007	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	25079476	25079490	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	25299664	25299678	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	25300632	25300646	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	26273763	26273777	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	26535956	26535970	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	26536252	26536266	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	27115730	27115744	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	27115867	27115881	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	27144503	27144517	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	27600191	27600205	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	27600324	27600338	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	27600471	27600485	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	27601812	27601826	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	27807132	27807146	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	27862050	27862064	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	28564764	28564778	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	28845625	28845639	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	+	28848992	28849006	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	28857511	28857525	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	28880972	28880986	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	28883163	28883177	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	28884009	28884023	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	29905647	29905661	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	29930237	29930251	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr10	-	29930369	29930383	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	29931200	29931214	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	29931879	29931893	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	29949835	29949849	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	30013823	30013837	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	30015115	30015129	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	30015548	30015562	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	30288986	30289000	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	30289119	30289133	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	30483469	30483483	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	30483772	30483786	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	30507447	30507461	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	30517260	30517274	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	30517401	30517415	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	30672796	30672810	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	30718833	30718847	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	30721638	30721652	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	+	30891514	30891528	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	30891621	30891635	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	31104815	31104829	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	31154701	31154715	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	31155446	31155460	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	31156115	31156129	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	31462477	31462491	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	31464407	31464421	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	31812820	31812834	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr10	-	31938525	31938539	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	31984899	31984913	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	32572986	32573000	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	32573075	32573089	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	32573204	32573218	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	32574900	32574914	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	33047155	33047169	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	33432950	33432964	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	33455741	33455755	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	33501863	33501877	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	33630670	33630684	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	+	33632741	33632755	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr21	-	33863736	33863750	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr21	-	33870494	33870508	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr21	-	33870628	33870642	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	34277328	34277342	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	34295437	34295451	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	35449685	35449699	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	35450258	35450272	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	35881730	35881744	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	35883095	35883109	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	35883230	35883244	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	36701931	36701945	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	37395537	37395551	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	37398394	37398408	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	37400202	37400216	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr8	+	37400338	37400352	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	37936595	37936609	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	+	38244532	38244546	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr22	+	38246473	38246487	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr22	+	38246610	38246624	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	38571627	38571641	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	38663621	38663635	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	38671386	38671400	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38766400	38766414	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	38767739	38767753	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	38860078	38860092	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	39554025	39554039	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	39656537	39656551	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	39657695	39657709	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	39658656	39658670	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	39659645	39659659	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	39659769	39659783	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	39660279	39660293	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	39669683	39669697	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	+	39935459	39935473	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	39957119	39957133	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	40099896	40099910	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	40100031	40100045	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	40102202	40102216	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr22	+	41106543	41106557	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr22	+	41107432	41107446	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr1	+	41573454	41573468	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	41817510	41817524	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	43064453	43064467	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	43064588	43064602	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	43088877	43088891	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	43105240	43105254	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	-	43568255	43568269	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	-	45713132	45713146	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	-	45716083	45716097	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	46356799	46356813	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	-	46462317	46462331	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	46466994	46467008	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	46471568	46471582	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	46484600	46484614	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	46484737	46484751	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	46556700	46556714	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	46950756	46950770	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	47663730	47663744	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	+	47746114	47746128	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	+	47748042	47748056	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	47824200	47824214	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	48127894	48127908	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	+	49146692	49146706	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr15	+	50011751	50011765	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	50098231	50098245	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	50098366	50098380	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr20	-	50141631	50141645	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	50278035	50278049	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	50290592	50290606	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	51269809	51269823	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	51269944	51269958	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	52110129	52110143	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	52276228	52276242	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	+	53175436	53175450	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	+	53175581	53175595	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	53885481	53885495	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	53885595	53885609	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	53889171	53889185	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	54755095	54755109	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	54755419	54755433	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	54828524	54828538	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	54829083	54829097	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	54887968	54887982	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	54888104	54888118	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	54889598	54889612	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	55386089	55386103	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	55443140	55443154	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	55444930	55444944	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	55445726	55445740	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	-	55446869	55446883	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	55453977	55453991	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	55458082	55458096	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr18	+	55458218	55458232	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	55458840	55458854	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	-	55568264	55568278	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	55574170	55574184	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	55576169	55576183	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	-	55576342	55576356	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	56472799	56472813	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	-	56880494	56880508	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	57684081	57684095	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	57721093	57721107	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	+	57904615	57904629	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	57904934	57904948	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	-	57906214	57906228	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	58185669	58185683	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	59304392	59304406	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	59305688	59305702	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	59317663	59317677	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	59319792	59319806	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	60668453	60668467	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	60686635	60686649	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	-	60906845	60906859	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	60929277	60929291	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	60929414	60929428	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	64359582	64359596	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	65662413	65662427	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	65896092	65896106	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr1	+	68083776	68083790	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	68213067	68213081	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	69378808	69378822	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	69379912	69379926	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	69381111	69381125	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	69381994	69382008	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	69401871	69401885	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	69402005	69402019	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	69402367	69402381	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	-	69415167	69415181	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	69416883	69416897	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	69417542	69417556	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	-	69420333	69420347	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	69421174	69421188	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	69421307	69421321	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	-	69432673	69432687	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	70093666	70093680	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr15	-	71059799	71059813	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	71088119	71088133	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	+	71094526	71094540	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr15	+	71094661	71094675	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	72875287	72875301	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	72920401	72920415	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	+	73078784	73078798	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	73106215	73106229	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	73106925	73106939	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr15	-	74341534	74341548	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	74344042	74344056	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	74770052	74770066	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr18	-	74841723	74841737	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	74903236	74903250	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	74905360	74905374	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	75872975	75872989	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	76015152	76015166	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	76371239	76371253	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	77905033	77905047	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	81033052	81033066	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	81608782	81608796	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	81608917	81608931	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	81631632	81631646	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	81644096	81644110	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	85906963	85906977	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	85932196	85932210	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	88959822	88959836	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	90416728	90416742	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	91173239	91173253	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	91174024	91174038	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	91175809	91175823	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	91175944	91175958	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr15	-	92394429	92394443	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	93192454	93192468	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	93691420	93691434	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr10	+	94045292	94045306	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	95217847	95217861	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	95222091	95222105	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	95225536	95225550	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	95231383	95231397	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	95372152	95372166	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	95372600	95372614	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	95389914	95389928	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	95413412	95413426	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	95444712	95444726	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	95488809	95488823	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	97581014	97581028	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	97585408	97585422	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	97585542	97585556	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	97681326	97681340	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	97682477	97682491	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	99196097	99196111	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	99270562	99270576	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	100234524	100234538	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	+	101666139	101666153	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr15	-	101727421	101727435	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	103938454	103938468	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	103939228	103939242	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	104520396	104520410	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104537451	104537465	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104544446	104544460	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr10	+	104544762	104544776	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104544895	104544909	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104545208	104545222	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104548984	104548998	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104550397	104550411	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104552481	104552495	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	104554108	104554122	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	104557439	104557453	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104562517	104562531	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	104576738	104576752	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	104577451	104577465	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	107582233	107582247	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	107641251	107641265	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	107644340	107644354	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	107670820	107670834	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	108059927	108059941	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	108063186	108063200	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	108928392	108928406	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	109216039	109216053	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109217958	109217972	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109218092	109218106	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109222976	109222990	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109230744	109230758	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109234045	109234059	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109235321	109235335	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109235457	109235471	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr12	+	109237440	109237454	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109238622	109238636	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109239201	109239215	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109243066	109243080	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109251781	109251795	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109537619	109537633	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	109595340	109595354	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109599086	109599100	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	109600048	109600062	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	109600994	109601008	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	110747997	110748011	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	-	110913134	110913148	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	111730491	111730505	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	+	113386232	113386246	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	114164942	114164956	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	114166415	114166429	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	114821336	114821350	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	114822841	114822855	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	115112016	115112030	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	117087409	117087423	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	117372449	117372463	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	117372583	117372597	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	117424065	117424079	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	117425846	117425860	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	120546282	120546296	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	120546416	120546430	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr8	-	121235781	121235795	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	121288815	121288829	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	+	121288948	121288962	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr11	+	121594666	121594680	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	121796363	121796377	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	121845536	121845550	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	122029276	122029290	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	123692493	123692507	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	123692949	123692963	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	123700982	123700996	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	123834822	123834836	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	123836056	123836070	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	124428048	124428062	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	125184622	125184636	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	125185108	125185122	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	125186575	125186589	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	125544592	125544606	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	127637293	127637307	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	128865764	128865778	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	128865899	128865913	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	129558327	129558341	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	129809119	129809133	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	130004480	130004494	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	133701637	133701651	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	133701772	133701786	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	133702203	133702217	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr9	-	133712084	133712098	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	133723625	133723639	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	134374637	134374651	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	134374771	134374785	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	134451161	134451175	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	134513728	134513742	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	134590810	134590824	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	134590945	134590959	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	137676174	137676188	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	137676390	137676404	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	137680210	137680224	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	137680343	137680357	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	141014846	141014860	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	141708045	141708059	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	141708180	141708194	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	145609859	145609873	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	146556963	146556977	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	146933343	146933357	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	146935218	146935232	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	147850381	147850395	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	147850516	147850530	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	147854481	147854495	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	148764807	148764821	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	150482750	150482764	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	151079410	151079424	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	156416489	156416503	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr5	-	156949666	156949680	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	157111572	157111586	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	157112057	157112071	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	157113248	157113262	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	157113911	157113925	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	167652638	167652652	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	169688962	169688976	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	169772783	169772797	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	170681908	170681922	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	171773835	171773849	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	171841210	171841224	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	171841345	171841359	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	171843069	171843083	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	171843594	171843608	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	171858000	171858014	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	171858135	171858149	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	171859049	171859063	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	172231893	172231907	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	172444583	172444597	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	175497309	175497323	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	183002227	183002241	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	183203151	183203165	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	183203286	183203300	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	185666055	185666069	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	185666755	185666769	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	186458538	186458552	7.38e-10	1.03e-05	gctgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr3	-	193722698	193722712	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	194314805	194314819	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	194315022	194315036	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	197122327	197122341	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	197148760	197148774	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	197149921	197149935	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	197157101	197157115	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	197157238	197157252	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	202121942	202121956	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	203342526	203342540	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	218530291	218530305	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	218530426	218530440	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	218544379	218544393	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	218546256	218546270	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	218546392	218546406	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	223287066	223287080	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	223919705	223919719	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	223919840	223919854	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	224356157	224356171	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	225950971	225950985	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	225951157	225951171	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	225951291	225951305	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	229574569	229574583	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	230345325	230345339	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	230405685	230405699	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	232052850	232052864	7.38e-10	1.03e-05	GCTGGGATTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr2	-	232052984	232052998	7.38e-10	1.03e-05	GCTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	236080168	236080182	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	236136741	236136755	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	238585410	238585424	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	238605930	238605944	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	238608259	238608273	7.38e-10	1.03e-05	gctgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	118799	118813	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	696156	696170	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	3155349	3155363	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	3156734	3156748	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	3872686	3872700	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	3990818	3990832	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	4646823	4646837	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	6301219	6301233	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	7167173	7167187	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	7178602	7178616	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	+	8585468	8585482	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	8594539	8594553	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	9332298	9332312	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr17	-	9945484	9945498	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	-	10589194	10589208	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	11517490	11517504	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	11534720	11534734	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	11871580	11871594	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	13354213	13354227	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr16	-	15684285	15684299	1.38e-09	1.5e-05	GCTGGGACTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr19	-	16935210	16935224	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	16936882	16936896	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	16944072	16944086	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	+	16949249	16949263	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	17068504	17068518	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	18630354	18630368	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	-	18630489	18630503	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19758444	19758458	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19761285	19761299	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19769762	19769776	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	19771366	19771380	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	19782535	19782549	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	-	20810208	20810222	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	-	20912265	20912279	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	23405821	23405835	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr16	+	24683572	24683586	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	24842634	24842648	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	25079343	25079357	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	27035547	27035561	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	27673500	27673514	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	27839167	27839181	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	28857649	28857663	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	29949968	29949982	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	30024720	30024734	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	30645980	30645994	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	30672662	30672676	1.38e-09	1.5e-05	gctgggactacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr13	+	30890211	30890225	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	30891756	30891770	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	31155309	31155323	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	31156293	31156307	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	31463536	31463550	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	33105563	33105577	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	33453975	33453989	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr21	+	33866239	33866253	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	34295571	34295585	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	-	34339181	34339195	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	-	36724657	36724671	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38569172	38569186	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38762848	38762862	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38765151	38765165	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38766533	38766547	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	39553774	39553788	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	39956983	39956997	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	+	43565551	43565565	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	46452246	46452260	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	46479876	46479890	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	-	46485061	46485075	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	46950908	46950922	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	47663597	47663611	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr20	-	48363600	48363614	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	48571943	48571957	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr16	+	49861556	49861570	1.38e-09	1.5e-05	gctgggactacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr13	-	49887489	49887503	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	50057903	50057917	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	50278170	50278184	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	52109624	52109638	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	52276097	52276111	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	+	53175302	53175316	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	53885347	53885361	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr12	+	53888794	53888808	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	53888995	53889009	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	55445587	55445601	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	55567117	55567131	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	57909373	57909387	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	57920677	57920691	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	57923301	57923315	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr11	+	59317527	59317541	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr15	+	60688386	60688400	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	61192232	61192246	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	62407505	62407519	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr15	+	67443800	67443814	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr3	+	69378630	69378644	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	69402232	69402246	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	70334994	70335008	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	+	72874990	72875004	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr16	+	73106593	73106607	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr18	+	74769912	74769926	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	74905640	74905654	1.38e-09	1.5e-05	gctgggactacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr5	+	76085468	76085482	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	81033189	81033203	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	93193647	93193661	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	-	93869806	93869820	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	-	93870342	93870356	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	94043925	94043939	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	95419162	95419176	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	95422308	95422322	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	97581982	97581996	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr13	-	99623699	99623713	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	101506112	101506126	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr15	-	101727556	101727570	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	104539184	104539198	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104544312	104544326	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104549629	104549643	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109223754	109223768	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	109240802	109240816	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109243205	109243219	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	-	109251914	109251928	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	+	110750464	110750478	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	113383925	113383939	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	116693503	116693517	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	117087276	117087290	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr11	+	117091088	117091102	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	120158833	120158847	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	122027681	122027695	1.38e-09	1.5e-05	gctgggactacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr9	-	123693083	123693097	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	127637427	127637441	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	+	130004346	130004360	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr9	+	133698314	133698328	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr9	-	133702337	133702351	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	134451032	134451046	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	137676039	137676053	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	139559375	139559389	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	141014700	141014714	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	142537007	142537021	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr5	-	147852734	147852748	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	156999223	156999237	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	157144559	157144573	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	160121558	160121572	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	169310943	169310957	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	170680203	170680217	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	172233926	172233940	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	184433486	184433500	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	186458404	186458418	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	202122077	202122091	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	206886183	206886197	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	218532020	218532034	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	223914676	223914690	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	225952484	225952498	1.38e-09	1.5e-05	GCTGGGACTACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	230359346	230359360	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	232056528	232056542	1.38e-09	1.5e-05	GCTGGGACTACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr1	+	236047384	236047398	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	236047551	236047565	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	236080035	236080049	1.38e-09	1.5e-05	gctgggactacaggc
GCTGGGATTACAGGC	MEME-3	chr17	+	118933	118947	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr6	-	11317538	11317552	2.03e-09	2.16e-05	GCTGGATCACAGGC
GCTGGGATTACAGGC	MEME-3	chr19	+	16545892	16545906	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	29928527	29928541	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	42388631	42388645	2.03e-09	2.16e-05	GCTGGATCACAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	54755284	54755298	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	66584365	66584379	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	67141347	67141361	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr7	-	129558660	129558674	2.03e-09	2.16e-05	GCTGGATCACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	139561482	139561496	2.03e-09	2.16e-05	gctggatcacaggc
GCTGGGATTACAGGC	MEME-3	chr6	+	2792310	2792324	3.72e-09	3.55e-05	gctggaattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	4733782	4733796	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr19	-	7406575	7406589	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	8205697	8205711	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr2	-	11517888	11517902	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	14442975	14442989	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	-	19768239	19768253	3.72e-09	3.55e-05	GCTGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	19773993	19774007	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	+	19779427	19779441	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr20	-	19872200	19872214	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	24672040	24672054	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr6	-	25299941	25299955	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	25707168	25707182	3.72e-09	3.55e-05	GCTGGATTATAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr12	+	26351226	26351240	3.72e-09	3.55e-05	gctggaaattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	28864211	28864225	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr2	+	28883646	28883660	3.72e-09	3.55e-05	gctggaaattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	30484045	30484059	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr10	-	31106276	31106290	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	31462346	31462360	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	31938661	31938675	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	33103964	33103978	3.72e-09	3.55e-05	gctggaaattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	-	33571834	33571848	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	36715626	36715640	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr22	+	38245123	38245137	3.72e-09	3.55e-05	gctggaaattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	-	38569037	38569051	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38765033	38765047	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	39421896	39421910	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	+	41594081	41594095	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr18	+	46452380	46452394	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr18	-	46462186	46462200	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr7	+	48127416	48127430	3.72e-09	3.55e-05	gctggaaattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	+	57919447	57919461	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr17	+	59392605	59392619	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	-	59570544	59570558	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	60664088	60664102	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr10	-	61653094	61653108	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	69380978	69380992	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	69415031	69415045	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr14	+	70091436	70091450	3.72e-09	3.55e-05	gctggaaattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr17	-	70972861	70972875	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr5	+	75988106	75988120	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	81631497	81631511	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr4	-	83436762	83436776	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	85090575	85090589	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	86648245	86648259	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	89769393	89769407	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	94045157	94045171	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	+	95419296	95419310	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	+	95488944	95488958	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	97068681	97068695	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104549759	104549773	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr2	+	105996950	105996964	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	105999607	105999621	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	106001229	106001243	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr12	+	109213918	109213932	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr12	+	109246270	109246284	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	113383790	113383804	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr12	+	116759384	116759398	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr11	+	121287015	121287029	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr11	+	121287308	121287322	3.72e-09	3.55e-05	gctggattacaggc
GCTGGGATTACAGGC	MEME-3	chr8	+	121820417	121820431	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr9	+	123697475	123697489	3.72e-09	3.55e-05	gctggattataggc
GCTGGGATTACAGGC	MEME-3	chr6	-	125544727	125544741	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	132892888	132892902	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	134518108	134518122	3.72e-09	3.55e-05	gctggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr6	+	151388259	151388273	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr5	-	167652503	167652517	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	169771947	169771961	3.72e-09	3.55e-05	gctggaattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	172233790	172233804	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	172444716	172444730	3.72e-09	3.55e-05	GCTGGAATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	193722831	193722845	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	206887982	206887996	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	224356425	224356439	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	+	225950835	225950849	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr1	-	229574434	229574448	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	232056047	232056061	3.72e-09	3.55e-05	GCTGGGATTATAGGC
GCTGGGATTACAGGC	MEME-3	chr2	+	238587278	238587292	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr2	+	238608125	238608139	3.72e-09	3.55e-05	gctgggattataggc
GCTGGGATTACAGGC	MEME-3	chr15	-	60664220	60664234	4.45e-09	4.24e-05	GCTGGGATTACACGC
GCTGGGATTACAGGC	MEME-3	chr2	-	70336341	70336355	4.45e-09	4.24e-05	GCTGGGATTACACGC
GCTGGGATTACAGGC	MEME-3	chr10	-	88844839	88844853	4.45e-09	4.24e-05	GCTGGGATTACACGC
GCTGGGATTACAGGC	MEME-3	chr9	-	123833700	123833714	4.45e-09	4.24e-05	GCTGGGATTACACGC
GCTGGGATTACAGGC	MEME-3	chr2	+	8633104	8633118	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	15685322	15685336	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr1	-	19767426	19767440	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	-	38758091	38758105	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	38767604	38767618	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr22	-	41105566	41105580	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr5	-	43066071	43066085	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr20	+	48363867	48363881	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr12	-	53885731	53885745	5.02e-09	4.68e-05	GCTGGGACCACAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr3	-	73569527	73569541	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr8	+	99195948	99195962	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	104576873	104576887	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr13	+	110915930	110915944	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	168696905	168696919	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr2	+	202124025	202124039	5.02e-09	4.68e-05	gctgggaccacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	218544515	218544529	5.02e-09	4.68e-05	GCTGGGACCACAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	69420476	69420490	5.67e-09	5.26e-05	GCTGGGAGTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	172231758	172231772	5.67e-09	5.26e-05	gctgggagtacaggc
GCTGGGATTACAGGC	MEME-3	chr1	-	184119815	184119829	5.67e-09	5.26e-05	GCTGGGAGTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	7824441	7824455	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr4	+	7832466	7832480	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr22	+	20910138	20910152	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr3	-	37071910	37071924	7.14e-09	6.48e-05	GCTGGGACTATAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	55444339	55444353	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr14	-	55567902	55567916	7.14e-09	6.48e-05	GCTGGAAC TACAGGC
GCTGGGATTACAGGC	MEME-3	chr17	-	57905334	57905348	7.14e-09	6.48e-05	GCTGGAAC TACAGGC
GCTGGGATTACAGGC	MEME-3	chr18	+	60830217	60830231	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr1	+	65660274	65660288	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr8	-	94893102	94893116	7.14e-09	6.48e-05	GCTGGAAC TACAGGC
GCTGGGATTACAGGC	MEME-3	chr9	-	95369117	95369131	7.14e-09	6.48e-05	GCTGGGACTATAGGC
GCTGGGATTACAGGC	MEME-3	chr15	-	101739580	101739594	7.14e-09	6.48e-05	GCTGGAAC TACAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	104517463	104517477	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104531846	104531860	7.14e-09	6.48e-05	gctggaactacaggc
GCTGGGATTACAGGC	MEME-3	chr11	-	111599520	111599534	7.14e-09	6.48e-05	GCTGGAAC TACAGGC
GCTGGGATTACAGGC	MEME-3	chr6	-	160122475	160122489	7.14e-09	6.48e-05	GCTGGGACTATAGGC

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr6	-	160123925	160123939	7.14e-09	6.48e-05	GCTGGGACTATAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	171773700	171773714	7.14e-09	6.48e-05	gctgggactataggc
GCTGGGATTACAGGC	MEME-3	chr19	+	16544207	16544221	8.43e-09	7.55e-05	gctgggattacgggc
GCTGGGATTACAGGC	MEME-3	chr6	+	30719201	30719215	8.43e-09	7.55e-05	gctgggattacgggc
GCTGGGATTACAGGC	MEME-3	chr4	-	57920538	57920552	8.43e-09	7.55e-05	GCTGGGATTACGGGC
GCTGGGATTACAGGC	MEME-3	chr16	+	73106732	73106746	8.43e-09	7.55e-05	gctgggattaccggc
GCTGGGATTACAGGC	MEME-3	chr4	-	77904900	77904914	8.43e-09	7.55e-05	GCTGGGATTACGGGC
GCTGGGATTACAGGC	MEME-3	chr11	-	95961003	95961017	8.43e-09	7.55e-05	GCTGGGATTACGGGC
GCTGGGATTACAGGC	MEME-3	chr15	+	101666273	101666287	8.43e-09	7.55e-05	gctgggattaccggc
GCTGGGATTACAGGC	MEME-3	chr10	+	104520263	104520277	8.43e-09	7.55e-05	gctgggattacgggc
GCTGGGATTACAGGC	MEME-3	chr2	+	106007383	106007397	8.43e-09	7.55e-05	gctgggattacgggc
GCTGGGATTACAGGC	MEME-3	chr12	-	109230880	109230894	8.43e-09	7.55e-05	GCTGGGATTACGGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	184433624	184433638	8.43e-09	7.55e-05	gctgggattaccggc
GCTGGGATTACAGGC	MEME-3	chr3	+	27600605	27600619	9.17e-09	8.18e-05	gctggcattacaggc
GCTGGGATTACAGGC	MEME-3	chr22	-	41107063	41107077	9.17e-09	8.18e-05	GCTGGCATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	156416619	156416633	9.17e-09	8.18e-05	gctggcattacaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	6299591	6299605	1.05e-08	9.18e-05	gctgggattgcagggc
GCTGGGATTACAGGC	MEME-3	chr11	-	12223403	12223417	1.05e-08	9.18e-05	GCTGGGATTGCAGGC
GCTGGGATTACAGGC	MEME-3	chr1	+	25077830	25077844	1.05e-08	9.18e-05	gctggggttacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	30015413	30015427	1.05e-08	9.18e-05	GCTGGGATTGCAGGC
GCTGGGATTACAGGC	MEME-3	chr14	-	35450123	35450137	1.05e-08	9.18e-05	GCTGGGATTGCAGGC
GCTGGGATTACAGGC	MEME-3	chr4	-	41158955	41158969	1.05e-08	9.18e-05	GCTGGGATTGCAGGC
GCTGGGATTACAGGC	MEME-3	chr3	+	42884826	42884840	1.05e-08	9.18e-05	gctgggattgcagggc
GCTGGGATTACAGGC	MEME-3	chr14	+	55573863	55573877	1.05e-08	9.18e-05	gctggggttacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	56880359	56880373	1.05e-08	9.18e-05	GCTGGGTTACAGGC
GCTGGGATTACAGGC	MEME-3	chr4	+	57916988	57917002	1.05e-08	9.18e-05	gctggggttacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr12	-	89767198	89767212	1.05e-08	9.18e-05	GCTGGGTTACAGGC
GCTGGGATTACAGGC	MEME-3	chr11	+	103644753	103644767	1.05e-08	9.18e-05	gctggggttacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	104552935	104552949	1.05e-08	9.18e-05	GCTGGGTTACAGGC
GCTGGGATTACAGGC	MEME-3	chr7	-	137673577	137673591	1.05e-08	9.18e-05	GCTGGGATTGCAGGC
GCTGGGATTACAGGC	MEME-3	chr10	+	3537563	3537577	1.12e-08	9.78e-05	gctgggattacagcc
GCTGGGATTACAGGC	MEME-3	chr1	+	39669914	39669928	1.12e-08	9.78e-05	gctgggattacagcc
GCTGGGATTACAGGC	MEME-3	chr9	+	72875150	72875164	1.12e-08	9.78e-05	gctgggattacagcc
GCTGGGATTACAGGC	MEME-3	chr3	+	152049609	152049623	1.12e-08	9.78e-05	gctgggattacagcc
GCTGGGATTACAGGC	MEME-3	chr5	+	151078150	151078164	1.2e-08	0.000105	gctgggattaaaggc
GCTGGGATTACAGGC	MEME-3	chr7	+	157112949	157112963	1.2e-08	0.000105	gctgggattaaaggc
GCTGGGATTACAGGC	MEME-3	chr10	+	94044058	94044072	1.29e-08	0.000112	gctgggattacatgc
GCTGGGATTACAGGC	MEME-3	chr9	+	714622	714636	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr19	-	7182219	7182233	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr22	+	20910851	20910865	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr10	-	29948985	29948999	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr10	-	30027099	30027113	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr6	-	30714931	30714945	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr13	+	30890346	30890360	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr18	+	46351141	46351155	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr7	+	47824335	47824349	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr14	+	55574035	55574049	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr15	+	60665118	60665132	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr17	+	62659438	62659452	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr15	+	67443461	67443475	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr9	+	72875919	72875933	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr12	+	109253359	109253373	1.37e-08	0.000117	gctgggattacagac

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr10	-	111730356	111730370	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr8	-	134513864	134513878	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr7	-	134619504	134619518	1.37e-08	0.000117	GCTGGGATTACAGAC
GCTGGGATTACAGGC	MEME-3	chr5	+	139559512	139559526	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr5	+	151078285	151078299	1.37e-08	0.000117	gctgggattacagac
GCTGGGATTACAGGC	MEME-3	chr11	+	34339643	34339657	1.44e-08	0.00012	gctgggactacacgc
GCTGGGATTACAGGC	MEME-3	chr12	+	109231824	109231838	1.59e-08	0.00012	gctgggatcataggc
GCTGGGATTACAGGC	MEME-3	chr9	+	703841	703855	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr6	-	2795243	2795257	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr6	-	2847786	2847800	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	-	4169418	4169432	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr19	+	7177822	7177836	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr19	-	7182396	7182410	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr1	-	8181779	8181793	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr20	+	10490589	10490603	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	+	10842444	10842458	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr3	+	11139518	11139532	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr2	-	11518023	11518037	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr5	+	14439387	14439401	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr3	-	14475184	14475198	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	15312176	15312190	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	15355346	15355360	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	+	15357861	15357875	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr3	-	15367264	15367278	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	15368607	15368621	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr17	+	16191650	16191664	1.75e-08	0.00012	gctgggattacaggt

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr19	-	16544646	16544660	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr19	+	16546027	16546041	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr19	-	16935074	16935088	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr16	-	17470771	17470785	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr16	-	17473882	17473896	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr16	-	17474017	17474031	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr20	-	17875252	17875266	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr1	+	19766796	19766810	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr1	+	19784978	19784992	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr20	-	19872335	19872349	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr20	-	19978275	19978289	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr18	-	20810075	20810089	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr22	-	20907897	20907911	1.75e-08	0.00012	GTTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr22	+	20910274	20910288	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr16	-	20924260	20924274	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr13	-	21286600	21286614	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr19	-	22397154	22397168	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	+	23224826	23224840	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr13	+	24190982	24190996	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr6	+	25299244	25299258	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr6	+	25299528	25299542	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr8	-	25839184	25839198	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	-	25843253	25843267	1.75e-08	0.00012	GTTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr2	-	28845493	28845507	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr2	+	28849127	28849141	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr2	-	28859897	28859911	1.75e-08	0.00012	GCTGGGATTACAGGT

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr2	-	28861801	28861815	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr2	-	28883868	28883882	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	+	30025101	30025115	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr20	-	30290173	30290187	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr6	+	30718620	30718634	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr10	-	31985557	31985571	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	-	31985693	31985707	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr22	+	32347009	32347023	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr22	+	32347145	32347159	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr1	+	32575037	32575051	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	-	33433085	33433099	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr2	+	33441044	33441058	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr20	+	36714481	36714495	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	-	36724517	36724531	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	37069583	37069597	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	37069718	37069732	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	+	37071570	37071584	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr8	-	37398259	37398273	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr2	-	38346431	38346445	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	-	38641957	38641971	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr1	-	39669818	39669832	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr19	+	39935092	39935106	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr19	-	39937521	39937535	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr20	+	39957514	39957528	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr20	+	39959087	39959101	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr5	+	40914045	40914059	1.75e-08	0.00012	gttgggattacaggc

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr4	-	41159745	41159759	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr6	+	41475065	41475079	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr8	-	42388496	42388510	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	-	42389196	42389210	1.75e-08	0.00012	GTTGGGATTACAGGC
GCTGGGATTACAGGC	MEME-3	chr3	-	42884347	42884361	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	+	42884692	42884706	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr22	+	45712050	45712064	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr22	+	45712185	45712199	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr22	-	45712995	45713009	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr1	+	46270850	46270864	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr2	-	46556833	46556847	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr7	+	48127571	48127585	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr20	+	48363421	48363435	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr13	+	49146557	49146571	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr12	-	50063352	50063366	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr12	-	50063487	50063501	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr20	-	52201971	52201985	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr1	+	53490508	53490522	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr5	+	54889929	54889943	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr2	+	55385954	55385968	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr18	+	55459644	55459658	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr14	-	55572258	55572272	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr14	+	55573250	55573264	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	55576235	55576249	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr17	-	57906349	57906363	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr17	+	57924608	57924622	1.75e-08	0.00012	gctgggattacaggt

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr15	-	60686770	60686784	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr18	+	60830343	60830357	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr1	+	61806987	61807001	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr17	-	62316973	62316987	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr17	+	62702189	62702203	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr1	+	65660409	65660423	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr1	+	65662277	65662291	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr5	+	66584499	66584513	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr15	+	67443323	67443337	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr3	+	69379627	69379641	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr14	-	69416750	69416764	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr15	-	71059317	71059331	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr15	-	71061435	71061449	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr15	+	71095708	71095722	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr9	-	72872007	72872021	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr5	+	72920535	72920549	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr8	+	74902417	74902431	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr8	+	74905942	74905956	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr4	-	77533829	77533843	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr5	-	79501624	79501638	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr8	+	81631462	81631476	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	-	88844975	88844989	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr2	+	88959689	88959703	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr5	-	90416863	90416877	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr15	+	91103139	91103153	1.75e-08	0.00012	gttgggattacaggc
GCTGGGATTACAGGC	MEME-3	chr14	+	93192050	93192064	1.75e-08	0.00012	gctgggattacaggt

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
GCTGGGATTACAGGC	MEME-3	chr14	-	93192319	93192333	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	-	93691565	93691579	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr3	+	93693570	93693584	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr11	-	93870209	93870223	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	+	94043613	94043627	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	+	94043748	94043762	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	+	95217765	95217779	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr10	-	95218230	95218244	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	-	95220590	95220604	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	-	95226468	95226482	1.75e-08	0.00012	GCTGGGATTACAGGT
GCTGGGATTACAGGC	MEME-3	chr10	+	95230423	95230437	1.75e-08	0.00012	gctgggattacaggt
GCTGGGATTACAGGC	MEME-3	chr1	-	95386687	95386701	1.75e-08	0.00012	GCTGGGATTACAGGT

DEBUGGING INFORMATION

Command line:

```
fimo --parse-genomic-coord --verbosity 1 --oc fimo_out_2 --bgfile ./background --motif GCTGGGATTACAGGC meme_out/meme.xml ./Galaxy8-hyperacetylation_fasta.fasta
```

Settings:

```
output_directory = fimo_out_2
background file name = ./background
allow clobber = true
text only = false
threshold type = p-value
alpha = 1
```

```
MEME file name = meme_out/meme.xml
alphabet = DNA
compute q-values = true
scan both strands = true
output threshold = 0.0001
verbosity = 1
```

```
sequence file name = ./Galaxy8-hyperacetylation_fasta.fasta
max stored scores = 100000
parse genomic coord. = true
max strand = false
pseudocount = 0.1
```

This information can be useful in the event you wish to report a problem with the FIMO software.

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