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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 ./Galaxy7-hypoacetylation.fasta.fasta
Database contains 1148 sequences, 6109142 residues

MOTIFS meme_out/meme.xml (DNA)

MOTIF	WIDTH	BEST POSSIBLE MATCH
AAWAAAAAWAAAAAA	15	AAAAAAAAAAAAAAA
GCTGGGATTACAGGC	15	GCTGGGATTACAGGC
CCTYRGCCCTCCRAR	15	CCTCAGCCTCCAAA

Random model letter frequencies (./background):
A 0.228 C 0.272 G 0.272 T 0.228

SECTION I: HIGH-SCORING MOTIF OCCURENCES

- There were 40036 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
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270822	270836	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270823	270837	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270824	270838	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270825	270839	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270826	270840	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	270827	270841	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271139	271153	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271140	271154	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271141	271155	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271142	271156	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271143	271157	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr5	-	271144	271158	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	568927	568941	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	568928	568942	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	568929	568943	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	568930	568944	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690043	690057	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690044	690058	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690045	690059	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690046	690060	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690047	690061	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690211	690225	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690212	690226	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690213	690227	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690214	690228	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690215	690229	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690216	690230	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690217	690231	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	690218	690232	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693540	693554	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693541	693555	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693542	693556	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693543	693557	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693544	693558	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693545	693559	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	693546	693560	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	790161	790175	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806098	806112	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806099	806113	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806100	806114	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806101	806115	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806102	806116	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	806103	806117	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	807189	807203	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	807190	807204	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	807191	807205	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	-	817847	817861	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	817848	817862	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	817849	817863	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	820782	820796	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	820783	820797	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	+	822510	822524	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr12	+	822511	822525	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	822512	822526	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	822513	822527	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	822514	822528	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824371	824385	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824372	824386	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824373	824387	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824374	824388	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824375	824389	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824680	824694	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824681	824695	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824682	824696	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824683	824697	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824684	824698	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824685	824699	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	824686	824700	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	826112	826126	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	826113	826127	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828904	828918	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828905	828919	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828906	828920	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828907	828921	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828908	828922	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	828909	828923	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855057	855071	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855058	855072	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855059	855073	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855060	855074	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855061	855075	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	855062	855076	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	925346	925360	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	925347	925361	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	925348	925362	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	925349	925363	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	925350	925364	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976419	976433	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976420	976434	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976421	976435	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976422	976436	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976423	976437	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976424	976438	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976425	976439	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976426	976440	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976427	976441	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	976428	976442	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126038	1126052	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126039	1126053	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126040	1126054	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126041	1126055	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126042	1126056	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr5	+	1126043	1126057	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	1150225	1150239	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208305	1208319	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208306	1208320	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208307	1208321	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208308	1208322	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208309	1208323	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208606	1208620	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208607	1208621	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208608	1208622	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208609	1208623	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208610	1208624	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208611	1208625	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208612	1208626	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208613	1208627	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208614	1208628	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208615	1208629	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208616	1208630	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208617	1208631	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208618	1208632	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208783	1208797	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208784	1208798	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208785	1208799	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	1208786	1208800	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1385120	1385134	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1385121	1385135	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1385122	1385136	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1387334	1387348	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393329	1393343	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393330	1393344	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393331	1393345	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393332	1393346	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393333	1393347	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	1393627	1393641	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471169	1471183	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471170	1471184	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471171	1471185	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471172	1471186	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471173	1471187	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	1471174	1471188	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	-	1552661	1552675	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	-	1552662	1552676	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	-	1552663	1552677	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	-	1552664	1552678	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	-	1552665	1552679	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553976	1553990	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553977	1553991	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553978	1553992	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553979	1553993	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553980	1553994	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr7	+	1553981	1553995	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	1841130	1841144	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2126651	2126665	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2126652	2126666	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2126653	2126667	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2126654	2126668	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2126655	2126669	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	2127979	2127993	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	2131834	2131848	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	2131835	2131849	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	2131836	2131850	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	2238741	2238755	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	2238742	2238756	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	2238743	2238757	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	2238744	2238758	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264871	2264885	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264872	2264886	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264873	2264887	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264874	2264888	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264875	2264889	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2264876	2264890	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299877	2299891	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299878	2299892	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299879	2299893	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299880	2299894	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299881	2299895	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299882	2299896	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299883	2299897	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299884	2299898	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299885	2299899	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299886	2299900	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299887	2299901	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299888	2299902	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299889	2299903	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299890	2299904	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2299891	2299905	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300262	2300276	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300263	2300277	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300264	2300278	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300265	2300279	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300266	2300280	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300267	2300281	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300268	2300282	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300269	2300283	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300270	2300284	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300271	2300285	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	2300272	2300286	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568147	2568161	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568148	2568162	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568149	2568163	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568150	2568164	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568151	2568165	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568152	2568166	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568335	2568349	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568336	2568350	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568337	2568351	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568338	2568352	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	2568339	2568353	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2670007	2670021	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	2670008	2670022	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2787695	2787709	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2787696	2787710	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2787697	2787711	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	2787698	2787712	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	3030948	3030962	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	3030949	3030963	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	3030950	3030964	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154116	3154130	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154117	3154131	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154118	3154132	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154119	3154133	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154905	3154919	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154906	3154920	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154907	3154921	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154908	3154922	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154909	3154923	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154910	3154924	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154911	3154925	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154912	3154926	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154913	3154927	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154914	3154928	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	3154915	3154929	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr12	-	3198465	3198479	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	3198466	3198480	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3721959	3721973	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798731	3798745	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798732	3798746	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798733	3798747	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798734	3798748	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798735	3798749	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798736	3798750	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798737	3798751	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798738	3798752	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798739	3798753	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798740	3798754	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3798741	3798755	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800043	3800057	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800044	3800058	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800045	3800059	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800046	3800060	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800047	3800061	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800048	3800062	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800049	3800063	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800050	3800064	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800051	3800065	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800052	3800066	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	3800053	3800067	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	-	3802525	3802539	2.31e-10	6.67e-07	AAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263405	4263419	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263406	4263420	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263407	4263421	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263408	4263422	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263409	4263423	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263410	4263424	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263411	4263425	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263412	4263426	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263413	4263427	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263414	4263428	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263415	4263429	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4263416	4263430	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4264771	4264785	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	4264772	4264786	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381686	4381700	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381687	4381701	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381688	4381702	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381689	4381703	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381690	4381704	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381691	4381705	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381692	4381706	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4381693	4381707	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382250	4382264	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382251	4382265	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382252	4382266	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382253	4382267	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382254	4382268	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382255	4382269	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382256	4382270	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4382257	4382271	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	+	4442639	4442653	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	4442640	4442654	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	4442641	4442655	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	4442642	4442656	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460606	4460620	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460607	4460621	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460608	4460622	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460609	4460623	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460610	4460624	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4460611	4460625	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	4520404	4520418	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4574369	4574383	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4574370	4574384	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4574371	4574385	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4638817	4638831	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4638818	4638832	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	4638819	4638833	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663786	4663800	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663787	4663801	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663788	4663802	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663789	4663803	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663790	4663804	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663791	4663805	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	+	4663792	4663806	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	4874499	4874513	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	4874500	4874514	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	4874501	4874515	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4874986	4875000	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4874987	4875001	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	4874988	4875002	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237612	6237626	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237613	6237627	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237614	6237628	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237615	6237629	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237774	6237788	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237775	6237789	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237776	6237790	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237777	6237791	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	6237778	6237792	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517735	6517749	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517736	6517750	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517737	6517751	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517738	6517752	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517739	6517753	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517740	6517754	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517741	6517755	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517742	6517756	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517743	6517757	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr11	-	6517744	6517758	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6719182	6719196	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6719183	6719197	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6719184	6719198	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6719185	6719199	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6719186	6719200	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719593	6719607	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719594	6719608	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719595	6719609	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719596	6719610	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719597	6719611	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719598	6719612	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719599	6719613	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719600	6719614	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6719601	6719615	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724567	6724581	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724568	6724582	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724569	6724583	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724570	6724584	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724571	6724585	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724572	6724586	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724573	6724587	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724574	6724588	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	+	6724575	6724589	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739599	6739613	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739600	6739614	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739601	6739615	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739602	6739616	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739603	6739617	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739604	6739618	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739605	6739619	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739606	6739620	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739607	6739621	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739608	6739622	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739609	6739623	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739610	6739624	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739611	6739625	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739612	6739626	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739613	6739627	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739614	6739628	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739615	6739629	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739616	6739630	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739617	6739631	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739618	6739632	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739619	6739633	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739620	6739634	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739621	6739635	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739622	6739636	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr12	-	6739623	6739637	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	8013616	8013630	2.31e-10	6.67e-07	aaAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	8013617	8013631	2.31e-10	6.67e-07	aAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	8013618	8013632	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr4	-	8381916	8381930	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	8381917	8381931	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	8381918	8381932	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr4	-	8381919	8381933	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	8406107	8406121	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	8406108	8406122	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	8406109	8406123	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	8406110	8406124	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	8406111	8406125	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923204	8923218	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923205	8923219	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923206	8923220	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923207	8923221	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923208	8923222	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	8923209	8923223	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	9459209	9459223	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	9459930	9459944	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	9886566	9886580	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	9886567	9886581	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941387	9941401	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941388	9941402	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941389	9941403	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941390	9941404	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941391	9941405	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941392	9941406	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941393	9941407	2.31e-10	6.67e-07	AAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941394	9941408	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941395	9941409	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941396	9941410	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941397	9941411	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9941398	9941412	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9945702	9945716	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9945994	9946008	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9945995	9946009	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951839	9951853	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951840	9951854	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951841	9951855	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951842	9951856	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951843	9951857	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951844	9951858	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951845	9951859	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951846	9951860	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951847	9951861	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951848	9951862	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951849	9951863	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951850	9951864	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951851	9951865	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951852	9951866	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9951853	9951867	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968428	9968442	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968429	9968443	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968430	9968444	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968431	9968445	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968432	9968446	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968433	9968447	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	9968434	9968448	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972094	9972108	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972095	9972109	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972096	9972110	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972097	9972111	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972098	9972112	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972099	9972113	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	9972100	9972114	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	10792377	10792391	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	10792378	10792392	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	10794335	10794349	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	10794336	10794350	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	10794337	10794351	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798975	10798989	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798976	10798990	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798977	10798991	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798978	10798992	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798979	10798993	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798980	10798994	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798981	10798995	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798982	10798996	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798983	10798997	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798984	10798998	2.31e-10	6.67e-07	AAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798985	10798999	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10798986	10799000	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	10875637	10875651	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	10875638	10875652	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	10877894	10877908	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	10877895	10877909	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10881888	10881902	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10881889	10881903	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10881890	10881904	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10881891	10881905	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10882199	10882213	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10882200	10882214	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	10882201	10882215	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251656	11251670	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251657	11251671	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251658	11251672	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251659	11251673	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251660	11251674	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11251661	11251675	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251970	11251984	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251971	11251985	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251972	11251986	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251973	11251987	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251974	11251988	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251975	11251989	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251976	11251990	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251977	11251991	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11251978	11251992	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11252509	11252523	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11252510	11252524	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11252511	11252525	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11252512	11252526	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11252513	11252527	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255136	11255150	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255137	11255151	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255138	11255152	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255139	11255153	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255140	11255154	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255141	11255155	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255142	11255156	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255143	11255157	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255144	11255158	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	11255145	11255159	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257141	11257155	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257142	11257156	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257143	11257157	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257144	11257158	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257443	11257457	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11257444	11257458	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	11445261	11445275	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	11445262	11445276	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	11446651	11446665	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr8	+	11446652	11446666	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11545356	11545370	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	11545357	11545371	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12038439	12038453	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045512	12045526	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045513	12045527	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045514	12045528	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045515	12045529	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045516	12045530	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045517	12045531	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045518	12045532	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045519	12045533	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045520	12045534	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045521	12045535	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045522	12045536	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045523	12045537	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12045524	12045538	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12046648	12046662	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12046649	12046663	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12046650	12046664	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12047368	12047382	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12047369	12047383	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12048460	12048474	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12048461	12048475	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	-	12048462	12048476	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051980	12051994	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051981	12051995	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051982	12051996	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051983	12051997	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051984	12051998	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051985	12051999	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051986	12052000	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051987	12052001	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051988	12052002	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051989	12052003	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051990	12052004	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051991	12052005	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051992	12052006	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051993	12052007	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12051994	12052008	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078991	12079005	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078992	12079006	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078993	12079007	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078994	12079008	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078995	12079009	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078996	12079010	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078997	12079011	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078998	12079012	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12078999	12079013	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079000	12079014	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079001	12079015	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079002	12079016	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079003	12079017	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079004	12079018	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079005	12079019	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079006	12079020	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079007	12079021	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079008	12079022	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079009	12079023	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079010	12079024	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079011	12079025	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079012	12079026	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079013	12079027	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079179	12079193	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079180	12079194	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	12079181	12079195	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604692	12604706	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604693	12604707	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604694	12604708	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604695	12604709	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604696	12604710	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604697	12604711	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604698	12604712	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604699	12604713	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604700	12604714	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604701	12604715	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604702	12604716	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604703	12604717	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604704	12604718	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604705	12604719	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604706	12604720	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604707	12604721	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604708	12604722	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604709	12604723	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604710	12604724	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604711	12604725	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	12604712	12604726	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	12633763	12633777	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	12633764	12633778	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	12633765	12633779	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637821	12637835	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637822	12637836	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637823	12637837	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637824	12637838	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637825	12637839	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637826	12637840	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637827	12637841	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637828	12637842	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637829	12637843	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	12637830	12637844	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr8	+	13017366	13017380	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	13118530	13118544	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr9	+	13841067	13841081	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	13870431	13870445	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14095994	14096008	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098836	14098850	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098837	14098851	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098838	14098852	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098839	14098853	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098840	14098854	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14098841	14098855	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143446	14143460	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143447	14143461	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143448	14143462	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143449	14143463	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143450	14143464	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143451	14143465	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143452	14143466	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143453	14143467	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143617	14143631	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143618	14143632	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143619	14143633	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143620	14143634	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143621	14143635	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143622	14143636	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14143623	14143637	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143905	14143919	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143906	14143920	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143907	14143921	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143908	14143922	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143909	14143923	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	14143910	14143924	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487635	14487649	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487636	14487650	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487637	14487651	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487638	14487652	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487957	14487971	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487958	14487972	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487959	14487973	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487960	14487974	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487961	14487975	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14487962	14487976	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	14670598	14670612	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr6	-	14874167	14874181	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308109	16308123	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308110	16308124	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308111	16308125	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308112	16308126	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308113	16308127	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308114	16308128	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308115	16308129	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308116	16308130	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308117	16308131	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	+	16308118	16308132	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309820	16309834	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309821	16309835	2.31e-10	6.67e-07	AAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309822	16309836	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309823	16309837	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309824	16309838	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309825	16309839	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309826	16309840	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309827	16309841	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309828	16309842	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309829	16309843	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309830	16309844	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309831	16309845	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309832	16309846	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309833	16309847	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309834	16309848	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309835	16309849	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309836	16309850	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309837	16309851	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr3	-	16309838	16309852	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481251	16481265	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481252	16481266	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481253	16481267	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481254	16481268	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481255	16481269	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481256	16481270	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481257	16481271	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481258	16481272	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481259	16481273	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr1	+	16481260	16481274	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416050	17416064	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416051	17416065	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416052	17416066	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416053	17416067	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416054	17416068	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	17416055	17416069	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17438881	17438895	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648103	17648117	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648104	17648118	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648105	17648119	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648106	17648120	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648107	17648121	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648108	17648122	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648109	17648123	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648110	17648124	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648111	17648125	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17648112	17648126	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	17651759	17651773	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654003	17654017	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654004	17654018	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654005	17654019	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654006	17654020	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654007	17654021	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654008	17654022	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654009	17654023	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654010	17654024	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654011	17654025	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	17654012	17654026	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657505	17657519	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657506	17657520	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657507	17657521	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657508	17657522	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657509	17657523	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657510	17657524	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657511	17657525	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657512	17657526	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657513	17657527	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657514	17657528	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657515	17657529	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657516	17657530	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657517	17657531	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657518	17657532	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657519	17657533	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17657520	17657534	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17659511	17659525	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	-	17659512	17659526	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292820	18292834	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292821	18292835	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292822	18292836	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292823	18292837	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292824	18292838	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292825	18292839	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292826	18292840	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292827	18292841	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292828	18292842	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292829	18292843	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292830	18292844	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18292831	18292845	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333166	18333180	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333167	18333181	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333168	18333182	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333169	18333183	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333170	18333184	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333171	18333185	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333172	18333186	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333173	18333187	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333174	18333188	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333175	18333189	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333176	18333190	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333177	18333191	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333178	18333192	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	-	18333179	18333193	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18335840	18335854	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18395134	18395148	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18395135	18395149	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398821	18398835	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398822	18398836	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398823	18398837	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398824	18398838	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398825	18398839	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398826	18398840	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398827	18398841	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398828	18398842	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398829	18398843	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398830	18398844	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr22	+	18398831	18398845	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399890	18399904	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399891	18399905	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399892	18399906	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399893	18399907	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399894	18399908	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399895	18399909	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399896	18399910	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399897	18399911	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399898	18399912	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399899	18399913	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399900	18399914	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18399901	18399915	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400402	18400416	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400403	18400417	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400404	18400418	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400405	18400419	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400406	18400420	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400407	18400421	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400408	18400422	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18400409	18400423	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18401681	18401695	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409125	18409139	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409126	18409140	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409127	18409141	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409128	18409142	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409129	18409143	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409130	18409144	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18409131	18409145	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413424	18413438	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413425	18413439	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413426	18413440	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413427	18413441	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413428	18413442	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18413429	18413443	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18416716	18416730	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18416717	18416731	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18479248	18479262	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18479249	18479263	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18479250	18479264	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18479251	18479265	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18481783	18481797	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr19	+	18567771	18567785	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18570331	18570345	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr19	-	18570332	18570346	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599534	18599548	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599535	18599549	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599536	18599550	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599537	18599551	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599538	18599552	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599539	18599553	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599540	18599554	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599541	18599555	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	+	18599542	18599556	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703412	18703426	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703413	18703427	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703414	18703428	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703415	18703429	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703416	18703430	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703417	18703431	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703418	18703432	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18703419	18703433	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726931	18726945	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726932	18726946	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726933	18726947	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726934	18726948	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726935	18726949	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726936	18726950	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726937	18726951	2.31e-10	6.67e-07	AAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726938	18726952	2.31e-10	6.67e-07	AAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726939	18726953	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726940	18726954	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726941	18726955	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726942	18726956	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726943	18726957	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726944	18726958	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726945	18726959	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726946	18726960	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726947	18726961	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726948	18726962	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18726949	18726963	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18727112	18727126	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18727113	18727127	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18727114	18727128	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18727115	18727129	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18727116	18727130	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761150	18761164	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761151	18761165	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761152	18761166	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761153	18761167	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761154	18761168	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761155	18761169	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761156	18761170	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761157	18761171	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761158	18761172	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761159	18761173	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761160	18761174	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761161	18761175	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761162	18761176	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761163	18761177	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761164	18761178	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761165	18761179	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761166	18761180	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761167	18761181	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr10	-	18761168	18761182	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942275	18942289	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942276	18942290	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942277	18942291	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942278	18942292	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942279	18942293	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	18942280	18942294	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279937	19279951	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279938	19279952	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279939	19279953	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279940	19279954	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279941	19279955	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279942	19279956	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279943	19279957	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279944	19279958	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279945	19279959	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279946	19279960	2.31e-10	6.67e-07	aaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279947	19279961	2.31e-10	6.67e-07	aaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279948	19279962	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr17	+	19279949	19279963	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722233	19722247	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722234	19722248	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722235	19722249	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722236	19722250	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722237	19722251	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722238	19722252	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722239	19722253	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722240	19722254	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722241	19722255	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	+	19722242	19722256	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730992	19731006	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730993	19731007	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730994	19731008	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730995	19731009	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730996	19731010	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730997	19731011	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730998	19731012	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr16	-	19730999	19731013	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr18	-	19843735	19843749	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr18	-	19848251	19848265	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr8	-	19915742	19915756	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918197	19918211	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918198	19918212	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918199	19918213	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918200	19918214	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918201	19918215	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918202	19918216	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918203	19918217	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918204	19918218	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918205	19918219	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918206	19918220	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918207	19918221	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	+	19918208	19918222	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr8	-	19919866	19919880	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	+	20013920	20013934	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071332	20071346	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071333	20071347	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071334	20071348	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071335	20071349	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071336	20071350	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071337	20071351	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071338	20071352	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071339	20071353	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071340	20071354	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr20	+	20071341	20071355	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699120	20699134	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699121	20699135	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699122	20699136	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699123	20699137	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699124	20699138	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699125	20699139	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699126	20699140	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699127	20699141	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699128	20699142	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699129	20699143	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699130	20699144	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699131	20699145	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699132	20699146	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699133	20699147	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699134	20699148	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699135	20699149	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699136	20699150	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699137	20699151	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699138	20699152	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699139	20699153	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699140	20699154	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699141	20699155	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699142	20699156	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699143	20699157	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	+	20699144	20699158	2.31e-10	6.67e-07	aaaaaaaaaaaaaaaaaa
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20700621	20700635	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20700622	20700636	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20700623	20700637	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20700624	20700638	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20701420	20701434	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20701421	20701435	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA

Motif ID	Alt ID	Sequence Name	Strand	Start	End	p-value	q-value	Matched Sequence
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20701422	20701436	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20701423	20701437	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr13	-	20701424	20701438	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	+	22052550	22052564	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr8	-	22453474	22453488	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744770	22744784	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744771	22744785	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744772	22744786	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744773	22744787	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744774	22744788	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr20	-	22744775	22744789	2.31e-10	6.67e-07	AAAAAAAAAAAAAAA
AAWAAAAAWAAAAAA	MEME-1	chr22	+	23618594	23618608	2.31e-10	6.67e-07	aaaaaaaaaaaaaaa

DEBUGGING INFORMATION

Command line:

```
fimo --parse-genomic-coord --verbosity 1 --oc fimo_out_1 --bgfile ./background --motif AAWAAAAWAAAAAA meme_out/meme.xml ./Galaxy7-hypoacetylation_fasta.fasta
```

Settings:

```
output_directory = fimo_out_1
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 = ./Galaxy7-hypoacetylation_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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