

Supplement to “The MEME Suite”

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- Discovery of the huge pentatricopeptide family of plant proteins, which play an essential role in organelle biogenesis (1, 2).
- Discovery and characterization of post-transcriptional RNA regulatory motifs in plant families and of alternative RNA processing in the brain (3, 4).
- Investigation of the genomic expression programs of yeast responding to its environment (5).
- Discovery of transcription factor binding motifs in a wide variety of ChIP-seq data sets (6, 7, 8, 9, 10, 11, 12, 13, 14).
- Mapping of transcriptional circuits that control cell states in hematopoiesis (15).
- Discovery of a group of cyclic peptides in plants (16).
- Profiling protein motifs involved in lipid-protein interactions (17).
- Characterization of a new superfamily of fungal effector proteins (18).
- Exploration of DNA recognition by homeodomain proteins (19).
- Discovery of motifs involved in origins of replication in yeast (20).
- Discovery of a purine motif involved in chromatin silencing at the nuclear lamina (21).

Table 1. Recent applications of the MEME Suite.

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