Algorithm	No. of motifs option	Entered	Result
DREME	Required	15	Stops finding motifs once a minimum threshold is reached
HOMER	Optional	Used default of 25	Finds 25 motifs for every length motif requested. Since 3 lengths were used (default), 75 motifs were returned.
STEME	Required	20	Always finds the requested number of motifs, but often reports e-values above any useful threshold
DECOD	Required	20	Often does not find requested number of motifs, but no information supplied in the documentation to explain any thresholds
BaMM	No options	No default	No information provided re thresholds. Varying numbers of motifs resulted, but always with useful e-values
MotifRG	Optional	Default is 5, asked for 20	Has threshold minimum fraction of target/background sequences (=0.01) and minimum fold change of motif in target Vs background (=1.3)