



MOTIFSIM - MOTIF SIMilarity Detection Tool

Version 2.2

INPUT

Input Parameters

Number of files:	2
Number of top significant motifs:	1
Number of best matches:	1
Similarity cutoff >=	0.75
Matching motif database:	Jaspar Core
Motif tree:	Yes
Combined similar motifs:	Yes
Output file type:	All
Output file format:	All

Input files and motif counts

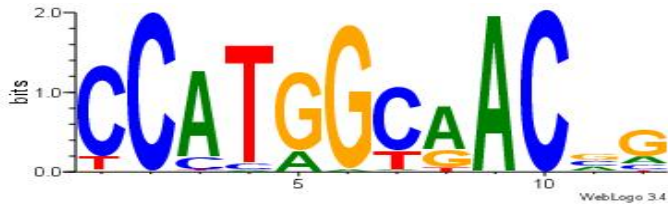
File name	Count of motifs	Dataset number
U20231121_R_11-21-23_1450_InsertFile1.txt	57	1
U20231121_R_11-21-23_1450_InsertFile2.txt	57	2

RESULTS

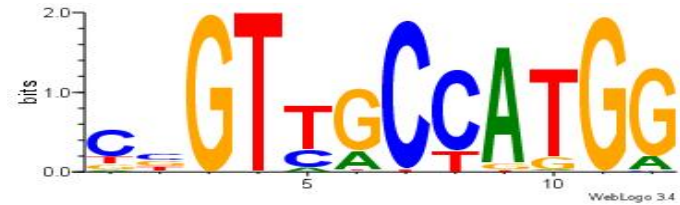
Top 1 Significant Motifs - Global Matching (Highest to Lowest)

Dataset #: 2 Motif ID: 72 Motif name: Motif 72

Original motif Consensus sequence: CCATGGCAACVG



Reverse complement motif Consensus sequence: CVGTTGCCATGG



Best Matches for Top Significant Motif ID 72 (Highest to Lowest)

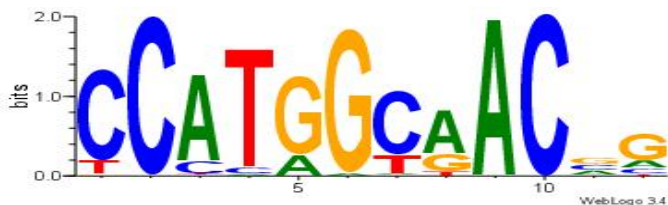
Dataset #:	1
Motif ID:	15
Motif name:	Motif 15
Matching format of first motif:	Original Motif
Matching format of second motif:	Original Motif
Direction:	Backward
Position number:	1
Number of overlap:	12
Similarity score:	0

Alignment:

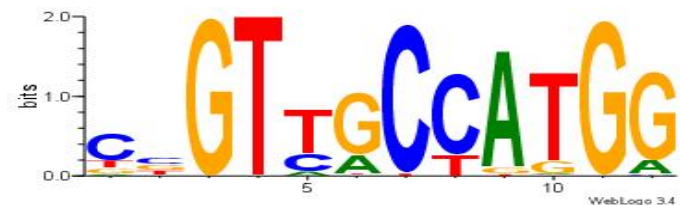
CCATGGCAACVG

CCATGGCAACVG

Original motif Consensus sequence: CCATGGCAACVG



Reverse complement motif Consensus sequence: CVGTTGCCATGG



Results created by MOTIFSIM on 11-21-2023 16:21:43
Runtime: 3497.06 seconds

MOTIFSIM is written by Ngoc Tam L. Tran
Motif logo generated by [weblago](#)