

ANNEX 08 - Transcription factors identified from differentially expressed protein genes for litter size (group 9), via an input file in Fasta format

;TFM Explorer

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;Date      : Mon Nov  8 18:45:08 2021
;Scanned location  : -3000:300
;Scanned sequences : None (2 sequences)
;Scanned matrices  : (130 matrices)
;Parameters       : minsize= 30, maxsize= 1500, ratio=3.0, top=25
;
; headers
;  1  rank      window rank
;  2  matrix     matrix name
;  3  tf         transcription factor name
;  4  info       information of content of the matrix
;  5  gc         gc content of the matrix (G+C)%
;  6  location   location of the window (relatively to TSS)
;  7  pvalue     pvalue of the window
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1  MA0002.2      RUNX1 10.4014248352  0.501590918453 -2815:-2097      1.01942140048e-06
    list of hits
    PTPDC1      -2815  -2804  -      6.79   TGGCCACAACC
    PTPDC1      -2803  -2792  -      7.78   CAGCCACAGCC
    PTPDC1      -2734  -2723  -      7.03   AAACCACTGAG
    PTPDC1      -2708  -2697  -      5.55   AACCCGCAACC
    PTPDC1      -2630  -2619  +      5.94   ACCTGTGGCAT
    PTPDC1      -2570  -2559  -      7.52   ACACCACAGCC
    PTPDC1      -2521  -2510  +      5.59   GCTTGTGGCAA
    PTPDC1      -2429  -2418  -      6.89   GAACCACAATG
    WNK2 -2727  -2716  -      6.32   ACGCCACAGCC
    WNK2 -2497  -2486  +      6.25   AGCTGGGGTTT
    WNK2 -2319  -2308  +      6.29   CTCAGTGGTTA
    WNK2 -2187  -2176  +      7.49   TGCTGTGGCTG
    WNK2 -2097  -2086  -      6.56   AAACCAAAAAA

2  MA0056.1      MZF1_1-4      8.58551308885  0.724999990314 -1368:-1159      6.88079696628e-06
    list of hits
    PTPDC1      -1173  -1167  -      7.05   TCCCCA
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WNK2	-1368	-1362	+	7.05	TGGGGA
WNK2	-1358	-1352	-	7.05	TCCCCA
WNK2	-1262	-1256	-	7.05	TCCCCA
WNK2	-1217	-1211	-	7.05	TCCCCA
WNK2	-1159	-1153	-	7.05	TCCCCA

3	MA0003.1	TFAP2A	7.8120920509	0.800000024164	-116:264	1.53660567045e-05
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list of hits

PTPDC1	-0051	-42	+	6.52	GCCCCGAGC
PTPDC1	-0029	-20	+	6.51	GCCGGGAGC
PTPDC1	+0062	71	-	5.88	GCGCGAGGC
PTPDC1	+0169	178	+	6.82	GCCGTGGGG
PTPDC1	+0238	247	+	7.47	GCCCCGGGGC
PTPDC1	+0259	268	+	6.64	GCCGGCGGGG
WNK2	-0116	-107	+	7.49	GCCCCGGGGG
WNK2	-0104	-95	+	6.53	GCCCCGAGG
WNK2	-0093	-84	+	5.88	GCCGCGCGC
WNK2	-0084	-75	-	5.58	ACCCGAGGC
WNK2	-0040	-31	-	5.60	ACCGGGGGC
WNK2	+0027	36	+	5.89	GCCGCGCGG
WNK2	+0077	86	+	7.29	GCCCGAGGG
WNK2	+0120	129	+	6.94	GCCCGGAGC
WNK2	+0187	196	+	6.70	GCCCTGAGC
WNK2	+0222	231	+	6.98	GCCGCGGGC
WNK2	+0264	273	+	5.89	GCCCCCCGC

4	MA0052.1	MEF2A	15.709056118	0.179310347063	-753:-709	2.77848707357e-05
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list of hits

PTPDC1	-0753	-743	-	6.72	TTAAAATTAG
PTPDC1	-0740	-730	+	3.45	TTATATGTAG
PTPDC1	-0728	-718	+	3.45	TTATATGTAG
PTPDC1	-0709	-699	-	4.75	TTTAAAATAA

5	MA0057.1	MZF1_5-13	9.40029161122	0.5875	-1371:-1160	6.27074660192e-05
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list of hits

PTPDC1	-1204	-1194	-	6.25	TTCACCATCA
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WNK2	-1371	-1361	+	8.05	GGATGGGGAG
WNK2	-1334	-1324	-	6.52	CTTCCCATCA
WNK2	-1259	-1249	-	6.45	CCACCCATCC
WNK2	-1218	-1208	-	6.81	GTCCCATCA
WNK2	-1160	-1150	-	6.94	TTCCCATTG