RSAT - matrix-scan result

```
$RSAT/perl-scripts/convert-seq  -i $RSAT/public_html/tmp/www-data/2021/03/05/tmp_sequence_2021-03-05.002208_ipgM
```

Server command

```
$RSAT/perl-scripts/matrix-scan -v 1   -matrix_format transfac -m $RSAT/public_html/tmp/www-data/2021/03/05/matri
```

Information: One or several button(s) will appear at the bottom of this page, allowing you to send the result as input for a subsequent query.

```
matrix-scan  -v 1 -matrix_format transfac -m $RSAT/public_html/tmp/www-data/2021/03/05/matrix-scan_2021-03-05.0
Slow counting mode
Input files
       input   $RSAT/public_html/tmp/www-data/2021/03/05/tmp_sequence_2021-03-05.002208_ipgMr2.fasta
       bg      $RSAT/public_html/data/genomes/Candida_glabrata/oligo-frequencies/2nt_upstream-noorf_Candida_glal
Matrix files
       matrix 1        $RSAT/public_html/tmp/www-data/2021/03/05/matrix-scan_2021-03-05.002208_q6Lx2f.matrix
Sequence format        fasta
Pseudo counts          1
Background model
       Method          file
       Markov order    1
       Strand          sensitive
       Background pseudo-frequency     0.01
       Residue probabilities
              a       0.32183
              c       0.18541
              g       0.17996
              t       0.31280
Thresholds     lower   upper
       pval    NA      0.0001
       score   1       NA
Output columns
       1       seq_id
       2       ft_type
       3       ft_name
       4       strand
       5       start
       6       end
       7       sequence
       8       weight
```

seq_id	ft_type	ft_name	strand	start	end	sequence	weight	Pval	ln_Pval	sig	rank
CgCTA1	limit	START_END	D	-1000	-1	.	0	0	0	0	
CgCTA1	site	Skn7p	R	-778	-771	GGCCCAGA	12.0	5.7e-06	-12.070	5.242	1
CgCTA1	site	Skn7p	D	-983	-975	AGAAAGTTC	6.0	8.2e-05	-9.413	4.088	2

```
Matrices
       matrix  name    ncol    nrow    pseudo  Wmin    Wmax    Wrange
       1       Msn4p   5       4       1       -23.100 7.900   31.000  a:0.322 c:0.185 g:0.180 t:0.313
       2       Skn7p   7       4       1       -32.400 11.200  43.600  a:0.322 c:0.185 g:0.180 t:0.313
       3       Skn7p   9       4       1       -41.600 12.500  54.100  a:0.322 c:0.185 g:0.180 t:0.313
       4       Skn7p   13      4       1       -60.000 18.700  78.700  a:0.322 c:0.185 g:0.180 t:0.313
       5       Skn7p   10      4       1       -46.200 14.800  61.000  a:0.322 c:0.185 g:0.180 t:0.313
       6       Skn7p   8       4       1       -37.000 12.500  49.500  a:0.322 c:0.185 g:0.180 t:0.313
       7       Skn7p   7       4       1       -32.400 11.900  44.300  a:0.322 c:0.185 g:0.180 t:0.313
       8       Skn7p   7       4       1       -32.400 10.800  43.200  a:0.322 c:0.185 g:0.180 t:0.313
       9       Skn7p   7       4       1       -32.400 11.400  43.800  a:0.322 c:0.185 g:0.180 t:0.313
       10      Skn7p   7       4       1       -24.400 7.200   31.600  a:0.322 c:0.185 g:0.180 t:0.313
```