

TRANSFAC® Professional vs. Public

TRANSFAC® Professional is an internationally unique knowledgebase containing published data on eukaryotic transcription factors and their regulated genes, coupled with transcription factor binding site prediction tools for advanced research. The professional version content is more than six years ahead of the public release and includes data and analysis capabilities not available in the public version.

TRANSFAC®

	Professional	Public
Data		
Factors	21,215	6,133
miRNAs	894	n/a
DNA sites	38,283	7,915
mRNA sites	15,895	n/a
Factor DNA	51,769	Yes
miRNA-mRNA site links	49,541	n/a
Genes	79,866	2,397
ChIP-chip/Seq Fragments	2,332,432	n/a
Matrices	5,551	398
References	29,681	Flat file only
Promoter Sequences	277,337	n/a
Search Options		
Use of Boolean operators / advanced filtering	Yes	No
Customizable / exportable search results	Yes	No
Export FASTA sequences	Yes	No
Analysis Capabilities		
Analyze included promoters	Yes	No
Visualize gene regulation networks	Yes	No
Data Download		
Flat file format	Yes	No
Match™, Patch™, and Catch™ algorithms	Yes	No
Match™ plug-in for CLC bio's Genomics Workbench	Yes	No

