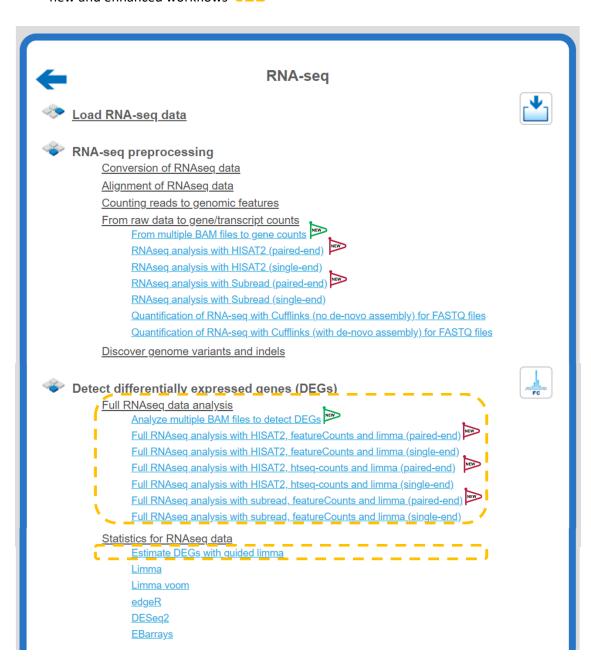


April 2022

geneXplain® platform major 7.0 release

New:

- X The platform has now fully automatic pipelines for paired RNA-seq libraries
- New workflows for analyzing multiple BAM files
 New workflows for analyzing multiple BAM files
- Estimate DEGs from raw RNA-seq data, counts or normalized transcriptomic data in 8 new and enhanced workflows

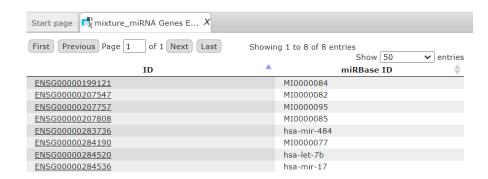


Support of new species *Zebrafish* and *Arabidopsis* for analyzing RNA-seq data or genes and sequences for transcription factor binding sites in over 20 workflows

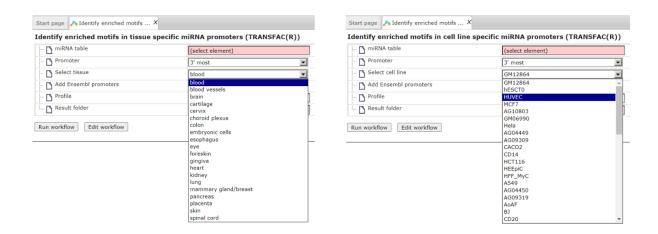




- X Support of Affymetrix miRNA-4.1 microarray chip & Agilent miRNA microarray chips
- Enable multiple miRNA ID support and conversion handling

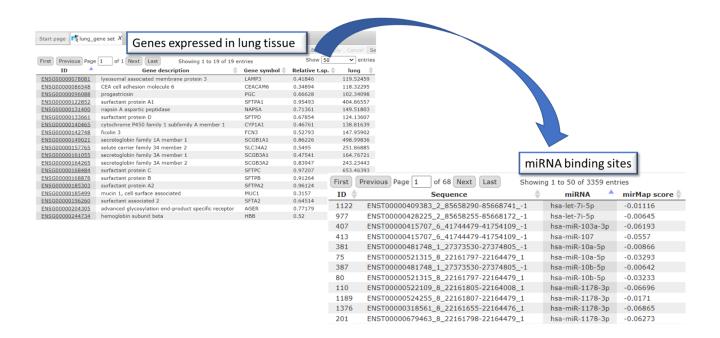


Investigate tissue- or cell-line specific miRNA promoter regions with TRANSFAC®

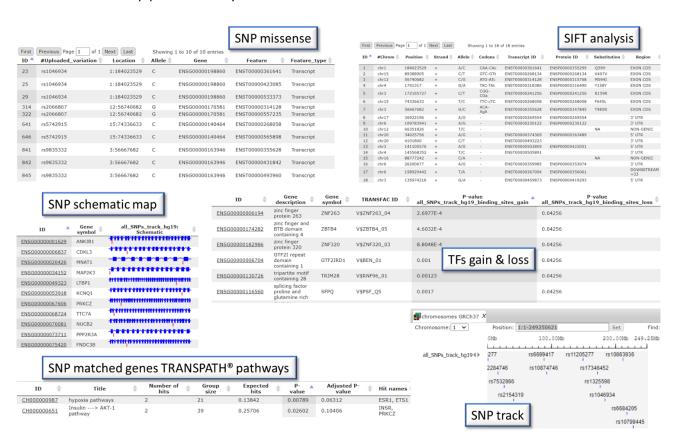


Identify enriched motifs in tissue-specific miRNA promoters [workflow link] Identify enriched motifs in cell-specific miRNA promoters [workflow link]

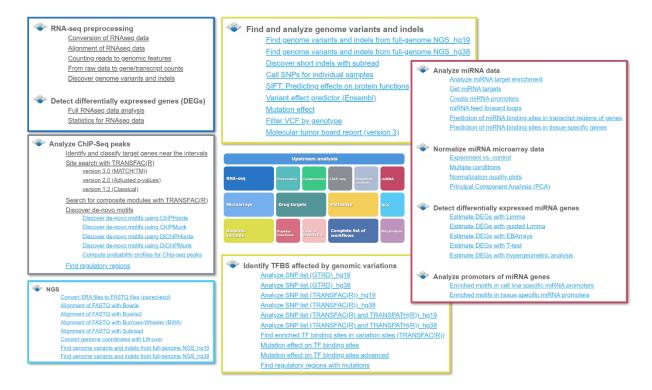
X Identifying miRNA binding sites in tissue-specific genes with HumanPSD™



New pipeline to analyze SNPs with TRANSFAC® and TRANSPATH® at once



- New features: MATCH™ for tracks, Convert table to VCF track, Filter VCF by genotype
- We have updated our start page with new features and > 30 enhanced or new workflows



Database updates:

HumanPSD™ is updated to version 2022.1

TRANSFAC® is updated to version 2022.1

TRANSPATH® is updated to version 2022.1