rTRMui: Identification of Transcriptional Regulatory Modules

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Example session ?

List of enriched motifs in Sox2 peaks
List of expressed genes in mouse ESC

Data input ?

Target organism

mouse

Target transcription factor

Sox2 ✓

Query transcription factors

Motif (rTRM) identifier

Choose file ☐ sox2_motifs.txt
Upload complete

Expressed genes

Choose file ☐ esc_expressed.txt
Upload complete

Network parameters ?

Extended TRM

FALSE

Strict TRM

TRUE
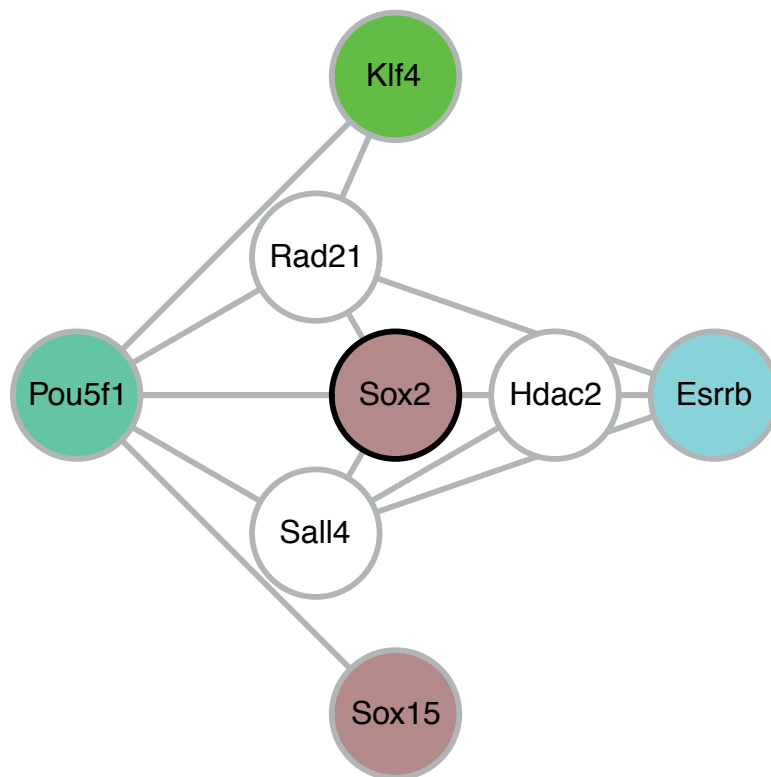
Bridge distance

1

☑ Filter Ubiquitin/Sumo from PPI

- 🟩 C2H2 zinc finger factors
- 🟫 High−mobility group (HMG) domain factors
- 🟢 Homeo domain factors
- 🟦 Nuclear receptors with C4 zinc fingers
- ☐ unclassified