

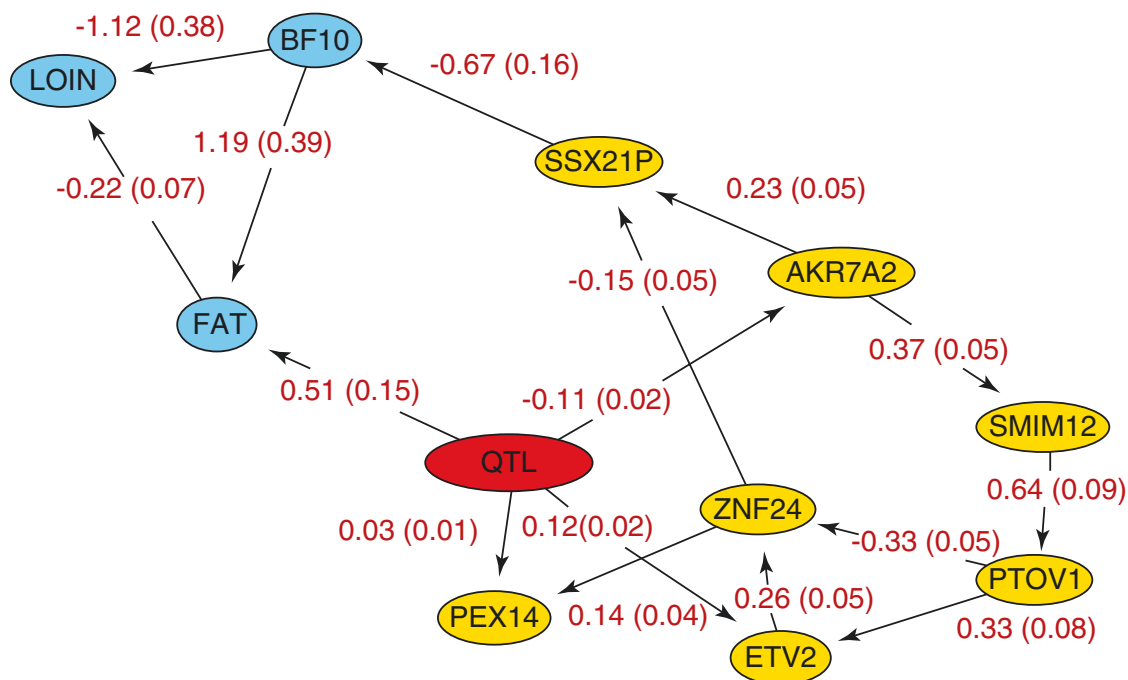
# Course INTRODUCTION TO GRAPHICAL MODELS WITH APPLICATIONS TO QUANTITATIVE GENETICS AND GENOMICS

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Instructors

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## Main contents of the course

- Correlation and Causation
- Basics of Matrix Algebra
- Aspects of Multivariate Distributions
- Inference with Multivariate Models
- Introduction to Graphical Models
- Structural Equation Models in Quantitative Genetics
- Bayesian Networks
- Applications in Genetics and Genomics
- R packages: Rgraphviz, pcalg, bnlearn, qtlnet, sem, lavaan, among others