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ARACNE Algorithm

National Cancer Institute

Source

National Cancer Institute. *ARACNE Algorithm*. NCI Thesaurus. Code C63899.

An information-theoretic algorithm for reverse engineering of transcriptional networks using microarray data, specifically designed to scale up to the complexity of regulatory networks in mammalian cells, yet general enough to address a wider range of network deconvolution problems, while eliminating the majority of indirect interactions inferred by co-expression methods.