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Machine learning techniques to discover genes with Potential Prognosis Role in Alzheimer's Disease using different biological sources

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Highlights

- Analyze Alzheimer disease gene expression profiles by changes in expression levels
- Integration of machine learning methods: decision tree, associations and clustering
- Fusion of external information sources: microarray, PubMed, GO and PPI network
- Significant set of down/up regulated genes highly related with Alzheimer disease
- Gene expression patterns and deep knowledge into relevant biological functions

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