

**Molecular Biotechnology Programme** 

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## **UPTEC X 07 063** Date of issue Oct 2007 Author **Sten Blomstrand** Title (English) Evaluation of prediction models for biomarkers - the role of rooting models on literature networks Title (Swedish) Abstract PLS models based on a purely mathematical approach were compared to PLS models with literature references. Microarray data analyzed was based on human cells treated with a GSK3β inhibitor substance. Keywords Bioinformatics, prediction modelling, PLS, GSK3β, Ingenuity, Alzheimer Supervisors Hugh Salter, Kerstin Nilsson AstraZeneca Scientific reviewer **Mikael Thollesson** EBC, Uppsala Universitet Project name **Sponsors** Language Security English Classification **ISSN 1401-2138** Supplementary bibliographical information Pages 31 **Biology Education Centre Biomedical Center** Husargatan 3 Uppsala Box 592 S-75124 Uppsala Fax +46 (0)18 555217 Tel +46 (0)18 4710000