

List of papers related to signal peptide prediction:

Papers on SignalIP:

- Henrik Nielsen and Anders Krogh. Prediction of signal peptides and signal anchors by a hidden Markov model

Link: <http://www.aaai.org/Papers/ISMB/1998/ISMB98-015.pdf>

- Henrik Nielsen, Søren Brunak, Gunnar von Heijne (1999). Machine learning approaches for the prediction of signal peptides and other protein sorting signals.

Link: <https://academic.oup.com/peds/article-lookup/doi/10.1093/protein/12.1.3>

- Jannick Dyrlov Bendtsen, Henrik Nielsen, Gunnar von Heijne, Søren Brunak. Improved Prediction of Signal Peptides: SignalP 3.0

Link: <http://www.sciencedirect.com/science/article/pii/S0022283604005972>

- Thomas Nordahl Petersen, Søren Brunak, Gunnar von Heijne & Henrik Nielsen (2011). SignalP 4.0: discriminating signal peptides from transmembrane regions.

Link: <http://www.nature.com/nmeth/journal/v8/n10/pdf/nmeth.1701.pdf>

- David T Jones (1999). Protein Secondary Structure Prediction Based on Position-specific Scoring Matrices.

Link: <http://www.sciencedirect.com/science/article/pii/S0022283699930917>

- Aarti Garg and Gajendra P.S. Raghava (2008) A Machine Learning Based Method for the Prediction of Secretory Proteins Using Amino Acid Composition, Their Order and Similarity-Search

Link: <http://content.iospress.com/articles/in-silico-biology/isb00348>

- Yu-Dong Cai, Shuo-liang Lin, Kuo-Chen Chou (2002)

Support vector machines for prediction of protein signal sequences and their cleavage sites

Link: <http://www.sciencedirect.com/science/article/pii/S0196978102002899>

- H.B. Kazemian, S.A. Yusuf, K. White (2013). **Signal peptide discrimination and cleavage site identification using SVM and NN**

Link: [http://www.sciencedirect.com/science/article/pii/S0010482513003466?](http://www.sciencedirect.com/science/article/pii/S0010482513003466?np=y&npKey=a803d84d2f4597cd2e12aae648e7500b5c8eb9269b9352e4aff31708c8e15034)

[np=y&npKey=a803d84d2f4597cd2e12aae648e7500b5c8eb9269b9352e4aff31708c8e15034](http://www.sciencedirect.com/science/article/pii/S0010482513003466?np=y&npKey=a803d84d2f4597cd2e12aae648e7500b5c8eb9269b9352e4aff31708c8e15034)