

NASCA License

May 16, 2011

NASCA (NOE Assignment and Side-Chain Assignment) is a suite of programs for side-chain resonance assignment and nuclear Overhauser effect (NOE) assignment from NOESY data. It does not require TOCSY experiments. NASCA is integrated with a graphical user interface (GUI). NASCA is developed in the lab of Prof. Bruce Donald at Duke University.

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Bruce R. Donald, Professor of Computer Science and Biochemistry

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- [a] Jianyang Zeng, Pei Zhou, and Bruce Randall Donald. Protein Side-Chain Resonance Assignment and NOE Assignment Using RDC-Defined Backbones without TOCSY Data. Submitted to *Journal of Biomolecular NMR*, 2011.
- [b] Jianyang Zeng, Pei Zhou, and Bruce Randall Donald. A Markov Random Field Framework for Protein Side-Chain Resonance Assignment. In *Proceedings of the 14th Annual International Conference on Research in Computational Molecular Biology (RECOMB'10)*, Lisbon, Portugal, 2010.

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The “Minimal Corresponding Source” for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The “Corresponding Application Code” for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
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The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

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You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by

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