

j5 Software Through the Years: Insights from Aggregate Public Usage Metrics

Nathan J. Hillson^{1,2,3,4,5*} (njhillson@lbl.gov)

¹Fuels Synthesis and ²Technology Divisions, DOE Joint BioEnergy Institute, Emeryville, CA;

³DNA Synthesis Science Program, DOE Joint Genome Institute, Walnut Creek, CA;

⁴DOE Agile BioFoundry, Emeryville, CA; ⁵Biological Systems and Engineering Division, Lawrence Berkeley National Laboratory, Berkeley, CA.

<https://j5.jbei.org>

Project Goals:

The publicly-accessible j5 (DNA assembly design automation) webserver has been active since August 2010 (four and a half years ago). Since then, nearly two thousand academic, non-profit, and government researchers across almost five hundred institutions world-wide have become registered users of j5. While the analysis presented here only covers public j5 webserver usage (excludes, for example, j5 use through the JBEI/JGI/Agile BioFoundry DIVA webserver or TeselaGen's commercial bioCAD/CAM platform), it provides key insights into DNA assembly design trends, and speaks to the significant contributions that DOE-supported software can broadly make to academic and government research efforts.

References

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2. Hillson, N.J. (2014) j5 DNA Assembly Design Automation. DNA Cloning and Assembly Methods, Valla S., and Lale, R. (Editors), Humana Press, 245-269.

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