

ORNL Research Featured in *Nature Biotechnology*

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- Larimer, F. W., P. Chain, L. Hauser, J. Lamerdin, S. Malfatti, L. Do, M. Land, D. A. Pelletier, J. T. Beatty, A. S. Lang, F. R. Tabita, J. L. Gibson, T. E. Hanson, C. Bobst, J. Torres y Torres, C. Peres, F. Harrison, J. Gibson and C. S. Harwood, "Complete genome sequence of the metabolically versatile photosynthetic bacterium *Rhodopseudomonas palustris*," *Nature Biotechnology*, 22(1):55-61 (2004); cover feature and reviews in *Natures Reviews Microbiology* and highlighted in *Inside Energy*
- *Rhodopseudomonas palustris* is a purple photosynthetic bacterium that can be isolated from a variety of diverse environmental locations. This publication is a major step towards understanding how this bacterium coordinates and expresses its many metabolic capabilities in response to changing environmental conditions. In addition to this being one of the first genomes of anoxygenic photobacteria finished, *R. palustris* is the subject of several large research projects sponsored by DOE's Office of Science under the umbrella of the DOE Genomes to Life program.



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