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Alphabet of Life

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Herbaspirillum seropedicae SmR1, complete genome

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LOCUS CP002039 5513887 bp DNA circular BCT 02-JUL-2010
 DEFINITION Herbaspirillum seropedicae SmR1, complete genome.
 ACCESSION CP002039
 VERSION CP002039.1 GI:300072131
 DBLINK Project: [47945](#)
 KEYWORDS .
 SOURCE Herbaspirillum seropedicae SmR1
 ORGANISM [Herbaspirillum seropedicae SmR1](#)
 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales;
 Oxalobacteraceae; Herbaspirillum.
 REFERENCE 1 (bases 1 to 5513887)
 AUTHORS Pedrosa,F.O., Monteiro,R.A., Wassem,R., Cruz,L.M., Ayub,R.A.,
 Colauto,N.B., Fernandez,M.A., Fungaro,M.H.P., Grisard,E.C.,
 Hungria,M., Madeira,H.M.F., Nodari,R.O., Osaku,C.A.,
 Petzl-Erler,M.L., Terenzi,H., Vieira,L.G.E., Almeida,M.I.M.,
 Alves,L.R., Arantes,O.M.N., Balsanelli,E., Barcellos,F.G.,
 Baura,V.A., Binde,D.R., Campo,R.J., Chubatsu,L.S., Chueire,L.M.O.,
 Ciferri,R.R., Correa,L.C., da Conceicao Silva,J.L., Dabul,A.N.G.,
 Dambros,B.P., Faoro,H., Favetti,A., Friedermann,G., Furlaneto,M.C.,
 Gasques,L.S., Gimenes,C.C.T., Gioppo,N.M.R., Glienke-Blanco,C.,
 Godoy,L.P., Guerra,M.P., Karp,S., Kava-Cordeiro,V., Margarido,V.P.,
 Mathioni,S.M., Menck-Soares,M.A., Murace,N.K., Nicolas,M.F.,
 Oliveira,C.E.C., Pagnan,N.A.B., Pamphile,J.A., Patussi,E.V.,
 Pereira,L.F.P., Pereira-Ferrari,L., Pinto,F.G.S., Precoma,C.,
 Prioli,A.J., Prioli,S.M.A.P., Raittz,R.T., Ramos,H.J.O.,
 Ribeiro,E.M.S.F., Rigo,L.U., Rocha,C.L.M.S.C., Rocha,S.N.,
 Santos,K., Satori,D., Silva,A.G., Simao,R.C.G., Soares,M.A.M.,
 Souza,E.M., Steffens,M.B.R., Steindel,M., Tadra-Sfeir,M.Z.,
 Takahashi,E.K., Torres,R.A., Valle,J.S., Vernal,J.I.,
 Vilas-Boas,L.A., Watanabe,M.A.E., Weiss,V.A., Yates,M.A. and
 Souza,E.M.
 TITLE The genome of Herbaspirillum seropedicae SmR1, an endophytic,
 nitrogen-fixing, plant-growth promoting beta-Proteobacteria
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 5513887)
 AUTHORS Pedrosa,F.O., Monteiro,R.A., Wassem,R., Cruz,L.M., Ayub,R.A.,
 Colauto,N.B., Fernandez,M.A., Fungaro,M.H.P., Grisard,E.C.,
 Hungria,M., Madeira,H.M.F., Nodari,R.O., Osaku,C.A.,
 Petzl-Erler,M.L., Terenzi,H., Vieira,L.G.E., Almeida,M.I.M.,
 Alves,L.R., Arantes,O.M.N., Balsanelli,E., Barcellos,F.G.,
 Baura,V.A., Binde,D.R., Campo,R.J., Chubatsu,L.S., Chueire,L.M.O.,
 Ciferri,R.R., Correa,L.C., da Conceicao Silva,J.L., Dabul,A.N.G.,
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 Takahashi,E.K., Torres,R.A., Valle,J.S., Vernal,J.I.,
 Vilas-Boas,L.A., Watanabe,M.A.E., Weiss,V.A., Yates,M.A. and
 Souza,E.M.
 TITLE Direct Submission
 JOURNAL Submitted (28-APR-2010) Bioquimica e Biologia Molecular,
 Universidade Federal do Parana (UFPR), Centro Politecnico,
 Curitiba, Parana 81.531-980, Brazil
 COMMENT Herbaspirillum seropedicae strain SmR1 is a spontaneous
 streptomycin resistant mutant of strain Z78 (ATCC 35893) and can be
 obtained from the Nucleo de Fixacao de Nitrogenio (NFN), Dpto. de
 Bioquimica e Biologia Molecular of Federal University of Parana
 (UFPR), culture collection upon request from Fabio de Oliveira
 Pedrosa (fpedrosa@ufpr.br), Emanuel Maltempi de Souza
 (souzaem@ufpr.br) or Leonardo Magalhaes Cruz (leonardo@ufpr.br).
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/db_xref="GI:300072545"

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