

## ***Appendices***

*The more original a discovery, the more obvious it seems afterwards.*  
—Arthur Koestler

Appendix I: 16S rDNA sequence of the DGGE band from the environmental samples

| Accession   | Description                                                         | Max score | Total score | Query coverage | E value | Max ident | Links |
|-------------|---------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|-------|
| GU_241482.1 | Deinococcus murrayi DSM 11303 16S ribosomal RNA, partial sequence   | 221       | 231         | 87%            | 3e-61   | 96%       |       |
| GU_241482.1 | Deinococcus aquaradiicola strain TDMA-uv53 16S ribosomal RNA, part  | 221       | 230         | 87%            | 9e-61   | 94%       |       |
| GU_241482.1 | Deinococcus albidus strain ME-04-01-32 16S ribosomal RNA, part      | 221       | 219         | 87%            | 2e-57   | 92%       |       |
| GU_241482.1 | Deinococcus navajonensis strain KR-114 16S ribosomal RNA, partial s | 221       | 219         | 87%            | 2e-57   | 92%       |       |
| GU_241482.1 | Deinococcus hohokamensis strain KR-40 16S ribosomal RNA, partial s  | 221       | 219         | 87%            | 2e-57   | 92%       |       |
| GU_241482.1 | Deinococcus ficus strain CC-FR2-10 16S ribosomal RNA, partial seque | 221       | 219         | 87%            | 2e-57   | 92%       |       |
| GU_241482.1 | Deinococcus aquaticus strain PB314 16S ribosomal RNA, partial seque | 221       | 219         | 87%            | 2e-57   | 92%       |       |
| GU_241482.1 | Deinococcus radiopugnans ATCC 19172 16S ribosomal RNA, partial se   | 221       | 215         | 87%            | 3e-56   | 92%       |       |
| GU_241482.1 | Deinococcus claudionis strain PO-04-19-125 16S ribosomal RNA, part  | 221       | 213         | 87%            | 9e-56   | 92%       |       |
| GU_241482.1 | Deinococcus radiomollis strain PO-04-20-132 16S ribosomal RNA, part | 221       | 213         | 87%            | 9e-56   | 92%       |       |
| GU_241482.1 | Deinococcus caeni strain Ho-08 16S ribosomal RNA, partial sequence  | 221       | 213         | 87%            | 9e-56   | 92%       |       |

LOCUS FJ548964 175 bp DNA linear ENV  
31-JAN-2009  
DEFINITION Uncultured bacterium isolate DGGE gel band 2B1 16S  
ribosomal RNA gene, partial sequence.  
ACCESSION FJ548964  
VERSION FJ548964.1 GI:221326896  
KEYWORDS ENV.  
SOURCE uncultured bacterium  
ORGANISM uncultured bacterium  
Bacteria; environmental samples.  
REFERENCE 1 (bases 1 to 175)  
AUTHORS Chaturvedi,R., Das,S. and Archana,G.  
TITLE Development of a heminested polymerase chain reaction  
protocol for the detection of Deinococcus species from environmental  
samples  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 175)  
AUTHORS Archana,G. and Chaturvedi,R.  
TITLE Direct Submission  
JOURNAL Submitted (14-DEC-2008) Department of Microbiology and  
Biotechnology Center, The M.S. University of Baroda,  
Sayajigunj,  
Vadodara, Gujarat 3900 02, India  
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| Accession                | Description                                                              | Max score | Total score | Query coverage | E-value | Max ident | Links |
|--------------------------|--------------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|-------|
| <a href="#">FJ548965</a> | Uncultured bacterium isolate DGGE gel band 4B1 16S ribosomal RNA gene, ; | 222       | 209         | 100%           | 1e-51   | 100%      |       |
| <a href="#">FJ548965</a> | Deinococcus sp. MJH53 16S ribosomal RNA gene, partial sequence           | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus sp. MJH51 16S ribosomal RNA gene, partial sequence           | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus deserti VCD115 plasmid 1, complete sequence                  | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus deserti VCD115, complete genome                              | 222       | 721         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus aquaticus strain 1Re14 16S ribosomal RNA gene, partial sequ  | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Unidentified bacterium VCT102 16S ribosomal RNA gene, partial sequence   | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus caeni strain Ho-08 16S ribosomal RNA, partial sequence >gb   | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Deinococcus deserti VCD115 strain VCD115 16S ribosomal RNA, partial seq  | 222       | 200         | 85%            | 2e-53   | 98%       |       |
| <a href="#">FJ548965</a> | Uncultured bacterium gene for 16S rRNA, partial sequence, clone: 12TCLN  | 222       | 244         | 85%            | 1e-51   | 97%       |       |
| <a href="#">FJ548965</a> | Uncultured Deinococci bacterium clone B12-60 16S ribosomal RNA gene, p   | 222       | 244         | 85%            | 1e-51   | 97%       |       |
| <a href="#">FJ548965</a> | Uncultured Deinococci bacterium clone B12-6 16S ribosomal RNA gene, par  | 222       | 244         | 85%            | 1e-51   | 97%       |       |

LOCUS

FJ548965

167 bp

DNA

linear

ENV 31-JAN-2009

DEFINITION

Uncultured bacterium isolate DGGE gel band 4B1 16S ribosomal RNA gene, partial sequence.

ACCESSION

FJ548965

VERSION

FJ548965.1 GI:221326897

KEYWORDS

ENV.

SOURCE

uncultured bacterium

ORGANISM

uncultured bacterium

REFERENCE

1 (bases 1 to 167)

AUTHORS

Chaturvedi,R., Das,S. and Archana,G.

TITLE

Development of a heminested polymerase chain reaction protocol for the detection of Deinococcus species from environmental samples

JOURNAL

Unpublished

REFERENCE

2 (bases 1 to 167)

AUTHORS

Archana,G. and Chaturvedi,R.

TITLE

Direct Submission

JOURNAL

Submitted (14-DEC-2008) Department of Microbiology and Biotechnology Center, The M.S. University of Baroda, Sayajigunj, Vadodara, Gujarat 3900 02, India

FEATURES

Location/Qualifiers

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| Accession                  | Description                                                                                   | Max score | Total score | Query coverag | E value | Max ident | Links |
|----------------------------|-----------------------------------------------------------------------------------------------|-----------|-------------|---------------|---------|-----------|-------|
| <a href="#">FJ548966.1</a> | Uncultured bacterium isolate DGGE gel band 6B1 16S ribosomal RNA gene, partial sequence.      | 423       | 225         | 100%          | 4e-86   | 100%      |       |
| <a href="#">FJ548967.1</a> | Uncultured bacterium isolate DGGE gel band 10B1 16S ribosomal RNA gene, partial sequence.     | 422       | 287         | 99%           | 2e-74   | 97%       |       |
| <a href="#">FJ548968.1</a> | Uncultured bacterium isolate DGGE gel band 7B1 16S ribosomal RNA gene, partial sequence.      | 423       | 279         | 98%           | 4e-71   | 95%       |       |
| <a href="#">FJ548969.1</a> | Uncultured Deinococcus sp. clone 25Crc 16S ribosomal RNA gene, partial sequence.              | 423       | 255         | 92%           | 5e-65   | 98%       |       |
| <a href="#">FJ548970.1</a> | Uncultured Deinococcus sp. clone 22Crc 16S ribosomal RNA gene, partial sequence.              | 423       | 255         | 92%           | 5e-65   | 98%       |       |
| <a href="#">FJ548971.1</a> | Deinococcus radiopugnans ATCC 19172 16S ribosomal RNA, partial sequence.                      | 423       | 255         | 92%           | 3e-65   | 98%       |       |
| <a href="#">FJ548972.1</a> | Deinococcus aquaticus strain D527 16S ribosomal RNA gene, partial sequence.                   | 423       | 255         | 92%           | 2e-65   | 97%       |       |
| <a href="#">FJ548973.1</a> | Uncultured bacterium clone PO74NL1G03 16S small subunit ribosomal RNA gene, partial sequence. | 423       | 255         | 92%           | 2e-65   | 97%       |       |
| <a href="#">FJ548974.1</a> | Uncultured bacterium clone PO74NL1F02 16S small subunit ribosomal RNA gene, partial sequence. | 423       | 255         | 92%           | 2e-65   | 97%       |       |
| <a href="#">FJ548975.1</a> | Uncultured bacterium isolate DGGE gel band 2B1 16S ribosomal RNA gene, partial sequence.      | 425       | 246         | 98%           | 3e-62   | 93%       |       |
| <a href="#">FJ548976.1</a> | Uncultured bacterium clone PO74NL1A02 16S small subunit ribosomal RNA gene, partial sequence. | 423       | 244         | 92%           | 1e-61   | 97%       |       |
| <a href="#">FJ548977.1</a> | Uncultured bacterium clone GB7N87003GR4M7 small subunit ribosomal RNA gene, partial sequence. | 423       | 233         | 92%           | 2e-58   | 95%       |       |

LOCUS FJ548966 176 bp DNA linear ENV 31-JAN-2009  
DEFINITION Uncultured bacterium isolate DGGE gel band 6B1 16S ribosomal RNA gene, partial sequence.  
ACCESSION FJ548966  
VERSION FJ548966.1 GI:221326898  
KEYWORDS ENV.  
SOURCE uncultured bacterium  
ORGANISM uncultured bacterium  
Bacteria; environmental samples.  
REFERENCE 1 (bases 1 to 176)  
AUTHORS Chaturvedi,R., Das,S. and Archana,G.  
TITLE Development of a heminested polymerase chain reaction protocol for the detection of Deinococcus species from environmental samples  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 176)  
AUTHORS Archana,G. and Chaturvedi,R.  
TITLE Direct Submission  
JOURNAL Submitted (14-DEC-2008) Department of Microbiology and Biotechnology Center, The M.S. University of Baroda, Sayajigunj, Vadodara, Gujarat 3900 02, India  
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| Accession                | Description                                                                                  | Max score | Total score | Query coverage | E value | Max ident | Links |
|--------------------------|----------------------------------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|-------|
| <a href="#">FJ548967</a> | Uncultured bacterium isolate DGGE gel band 7B1 16S ribosomal RNA gene, partial sequence      | 229       | 229         | 100%           | 5e-87   | 100%      |       |
| <a href="#">FJ548968</a> | Uncultured bacterium isolate DGGE gel band 10B1 16S ribosomal RNA gene, partial sequence     | 229       | 229         | 99%            | 5e-75   | 99%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium isolate DGGE gel band 6B1 16S ribosomal RNA gene, partial sequence      | 229       | 229         | 97%            | 1e-71   | 95%       |       |
| <a href="#">FJ548970</a> | Uncultured Deinococcus sp. clone 25Crc 16S ribosomal RNA gene, partial sequence              | 229       | 244         | 80%            | 1e-61   | 97%       |       |
| <a href="#">FJ548971</a> | Uncultured Deinococcus sp. clone 22Crc 16S ribosomal RNA gene, partial sequence              | 229       | 244         | 80%            | 1e-61   | 97%       |       |
| <a href="#">FJ548972</a> | Uncultured bacterium clone PO74NL1G03 16S small subunit ribosomal RNA gene, partial sequence | 229       | 244         | 80%            | 1e-61   | 97%       |       |
| <a href="#">FJ548973</a> | Uncultured bacterium clone PO74NL1F02 16S small subunit ribosomal RNA gene, partial sequence | 229       | 244         | 80%            | 1e-61   | 97%       |       |
| <a href="#">FJ548974</a> | Deinococcus radiopugnans ATCC 19172 16S ribosomal RNA, partial sequence                      | 229       | 244         | 80%            | 1e-61   | 97%       |       |
| <a href="#">FJ548975</a> | Uncultured bacterium isolate DGGE gel band 2B1 16S ribosomal RNA gene, partial sequence      | 229       | 242         | 99%            | 1e-61   | 97%       |       |
| <a href="#">FJ548976</a> | Deinococcus aquaticus strain DS27 16S ribosomal RNA gene, partial sequence                   | 229       | 239         | 80%            | 5e-60   | 97%       |       |
| <a href="#">FJ548977</a> | Uncultured bacterium clone PO74NL1A02 16S small subunit ribosomal RNA gene, partial sequence | 229       | 229         | 80%            | 5e-60   | 97%       |       |
| <a href="#">FJ548978</a> | Uncultured bacterium isolate DGGE gel band 9B2 16S ribosomal RNA gene, partial sequence      | 229       | 226         | 100%           | 1e-56   | 90%       |       |

LOCUS FJ548967 178 bp DNA linear ENV  
31-JAN-2009

DEFINITION Uncultured bacterium isolate DGGE gel band 7B1 16S ribosomal. RNAgene, partial sequence

ACCESSION FJ548967

VERSION FJ548967.1 GI: 221326899

KEYWORDS ENV.

SOURCE uncultured bacterium

ORGANISM uncultured bacterium  
Bacteria; environmental samples.

REFERENCE 1 (bases 1 to 178)

AUTHORS Chaturvedi,R., Das,S. and Archana,G.

TITLE Development of a heminested polymerase chain reaction protocol for

the detection of Deinococcus species from environmental samples

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 178)

AUTHORS Archana,G. and Chaturvedi,R.

TITLE Direct Submission

JOURNAL Submitted (14-DEC-2008) Department of Microbiology and Biotechnology Center, The M.S. University of Baroda, Sayajigunj, Vadodara, Gujarat 3900 02, India

FEATURES Location/Qualifiers

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| Accession                | Description                                                                             | Max score | Total score | Query coverage | E value | Max ident | Links |
|--------------------------|-----------------------------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|-------|
| <a href="#">FJ548968</a> | Uncultured bacterium isolate DGGE gel band 8B3 16S ribosomal RNA gene, partial sequence | 222       | 222         | 100%           | 1e-61   | 100%      |       |
| <a href="#">FJ548969</a> | Uncultured bacterium clone SN_OE_107 16S ribosomal RNA gene, partial sequence           | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548970</a> | Uncultured bacterium clone ncd2806g12c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548971</a> | Uncultured bacterium clone ncd2799f04c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548972</a> | Uncultured bacterium clone ncd2104d01c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548973</a> | Uncultured bacterium clone ncd2099h07c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548974</a> | Uncultured bacterium clone ncd2095g07c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548975</a> | Uncultured bacterium clone ncd2093g01c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548976</a> | Uncultured bacterium clone ncd2093g07c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548977</a> | Uncultured bacterium clone ncd2093d05c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548978</a> | Uncultured bacterium clone ncd2096f12c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |
| <a href="#">FJ548979</a> | Uncultured bacterium clone ncd2079e05c1 16S ribosomal RNA gene, partial sequence        | 222       | 244         | 92%            | 1e-61   | 97%       |       |

LOCUS FJ548968 174 bp DNA linear ENV 31-JAN-2009  
DEFINITION Uncultured bacterium isolate DGGE gel band 8B3 16S ribosomal RNA gene, partial sequence.  
ACCESSION FJ548968  
VERSION FJ548968.1 GI:221326900  
KEYWORDS ENV.  
SOURCE uncultured bacterium  
ORGANISM uncultured bacterium  
Bacteria; environmental samples.  
REFERENCE 1 (bases 1 to 174)  
AUTHORS Chaturvedi,R., Das,S. and Archana,G.  
TITLE Development of a heminested polymerase chain reaction protocol for the detection of Deioncoccus species from environmental samples  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 174)  
AUTHORS Archana,G. and Chaturvedi,R.  
TITLE Direct Submission  
JOURNAL Submitted (14-DEC-2008)  
Department of Microbiology and  
Biotechnology Center, The M.S. University of Baroda,  
Sayajigunj, Vadodara, Gujarat 3900 02, India  
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| Accession                | Description                                                                                 | Max score | Total score | Query coverage | E value | Max ident | Links |
|--------------------------|---------------------------------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|-------|
| <a href="#">FJ548969</a> | Uncultured bacterium isolate DGGE gel band 9B2 16S ribosomal RNA gene, partial sequence     | 227       | 227         | 100%           | 1e-60   | 100%      |       |
| <a href="#">FJ548969</a> | Uncultured bacterium clone ncd1274d10c1 16S ribosomal RNA gene, partial sequence            | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium clone ncd1274c09c1 16S ribosomal RNA gene, partial sequence            | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium clone ncd1276b05c1 16S ribosomal RNA gene, partial sequence            | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured Deinococcus sp. isolate DGGE gel band 5 16S ribosomal RNA gene, partial sequence | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium clone ncd550d04c1 16S ribosomal RNA gene, partial sequence             | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Deinococcus xinjiangensis strain L38 16S ribosomal RNA gene, partial sequence               | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium isolate DGGE gel band 2B1 16S ribosomal RNA gene, partial sequence     | 244       | 244         | 97%            | 1e-61   | 92%       |       |
| <a href="#">FJ548969</a> | Deinococcus xibeiensis strain R13 16S ribosomal RNA gene, partial sequence                  | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium partial 16S rRNA gene, clone MB02A06                                   | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium partial 16S rRNA gene, clone FC04A10                                   | 244       | 244         | 85%            | 1e-61   | 96%       |       |
| <a href="#">FJ548969</a> | Uncultured bacterium partial 16S rRNA gene, clone FC03H08                                   | 244       | 244         | 85%            | 1e-61   | 96%       |       |

LOCUS FJ548969 177 bp DNA linear ENV 31-JAN-2009

DEFINITION Uncultured bacterium isolate DGGE gel band 9B2 16S ribosomal RNA

gene, partial sequence.

ACCESSION FJ548969

VERSION FJ548969.1 GI:221326901

KEYWORDS ENV.

SOURCE uncultured bacterium

ORGANISM uncultured bacterium

Bacteria; environmental samples.

REFERENCE 1 (bases 1 to 177)

AUTHORS Chaturvedi,R., Das,S. and Archana,G.

TITLE Development of a heminested polymerase chain reaction protocol for the detection of Deioncoccus species from environmental samples

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 177)

AUTHORS Archana,G. and Chaturvedi,R.

TITLE Direct Submission

JOURNAL Submitted (14-DEC-2008) Department of Microbiology and Biotechnology Center, The M.S. University of Baroda, Sayajigunj, Vadodara, Gujarat 3900 02, India

FEATURES Location/Qualifiers

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rRNA <1..>177  
/product="16S ribosomal RNA"

ORIGIN

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| Accession                | Description                                                                                  | Max score | Total score | Query coverage | E value | Max ident | Link |
|--------------------------|----------------------------------------------------------------------------------------------|-----------|-------------|----------------|---------|-----------|------|
| <a href="#">FJ548970</a> | Uncultured bacterium isolate DGGE gel band 10B1 16S ribosomal RNA gene, partial sequence     | 227       | 227         | 100%           | 1e-86   | 100%      |      |
| <a href="#">FJ548970</a> | Uncultured bacterium isolate DGGE gel band 7B1 16S ribosomal RNA gene, partial sequence      | 227       | 289         | 100%           | 5e-75   | 98%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium isolate DGGE gel band 6B1 16S ribosomal RNA gene, partial sequence      | 227       | 287         | 97%            | 2e-74   | 97%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium isolate DGGE gel band 2B1 16S ribosomal RNA gene, partial sequence      | 227       | 259         | 100%           | 1e-66   | 92%       |      |
| <a href="#">FJ548970</a> | Uncultured Deinococcus sp. clone 25Crc 16S ribosomal RNA gene, partial sequence              | 227       | 250         | 92%            | 2e-63   | 97%       |      |
| <a href="#">FJ548970</a> | Uncultured Deinococcus sp. clone 22Crc 16S ribosomal RNA gene, partial sequence              | 227       | 250         | 92%            | 2e-63   | 97%       |      |
| <a href="#">FJ548970</a> | Deinococcus radiopugnans ATCC 19172 16S ribosomal RNA, partial sequence                      | 227       | 250         | 92%            | 2e-63   | 97%       |      |
| <a href="#">FJ548970</a> | Deinococcus aquaticus strain DS27 16S ribosomal RNA, partial sequence                        | 227       | 249         | 92%            | 1e-61   | 97%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium clone P074NL1G03 16S small subunit ribosomal RNA gene, partial sequence | 227       | 249         | 92%            | 1e-61   | 97%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium clone P074NL1F02 16S small subunit ribosomal RNA gene, partial sequence | 227       | 249         | 92%            | 1e-61   | 97%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium isolate DGGE gel band 9B2 16S ribosomal RNA gene, partial sequence      | 227       | 241         | 100%           | 1e-60   | 92%       |      |
| <a href="#">FJ548970</a> | Uncultured bacterium clone P074NL1A02 16S small subunit ribosomal RNA gene, partial sequence | 227       | 239         | 92%            | 5e-60   | 96%       |      |

LOCUS FJ548970 177 bp DNA linear ENV  
31-JAN-2009  
DEFINITION Uncultured bacterium isolate **DGGE gel band 10B1** 16S ribosomal RNA gene, partial sequence.  
ACCESSION FJ548970  
VERSION FJ548970.1 GI:221326902  
KEYWORDS ENV.  
SOURCE uncultured bacterium  
ORGANISM uncultured bacterium  
Bacteria; environmental samples.  
REFERENCE 1 (bases 1 to 177)  
AUTHORS Chaturvedi,R., Das,S. and Archana,G.  
TITLE Development of a heminested polymerase chain reaction protocol for the detection of Deinococcus species from environmental samples  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 177)  
AUTHORS Archana,G. and Chaturvedi,R.  
TITLE Direct Submission  
JOURNAL Submitted (14-DEC-2008) Department of Microbiology and Biotechnology Center, The M.S. University of Baroda, Sayajigunj, Vadodara, Gujarat 3900 02, India  
FEATURES Location/Qualifiers  
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/organism="uncultured bacterium"  
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61 ctgaggggacg acgccgcgtg agggatgaag gttttcggat cgtaaaccctc tgagtctggg  
121 acgaaagacg cgaagagcgg agatgacggt accagagtaa tacgatcgct acatgcc  
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