

Supplementary data for the article:

Izrael-Živković, L.; Beškoski, V.; Rikalović, M.; Kazazić, S.; Shapiro, N.; Woyke, T.; Gojgić-Cvijović, G.; Vrvić, M. M.; Maksimović, N.; Karadžić, I. High-Quality Draft Genome Sequence of *Pseudomonas Aeruginosa* San Ai, an Environmental Isolate Resistant to Heavy Metals. *Extremophiles* **2019**, *23* (4), 399–405. <https://doi.org/10.1007/s00792-019-01092-w>.

**Supplementary Table 1.** Classification and general features of *Pseudomonas aeruginosa* san ai according to MIGS recommendations [ Field et al. 2008]

| MIGS ID   | Property                  | Term                                  | Evidence code <sup>a</sup>                        |
|-----------|---------------------------|---------------------------------------|---|
|           | Current classification    | Domain <i>Bacteria</i>                | TAS [Woese et al. 1990]                           |
|           |                           | Phylum <i>Proteobacteria</i>          | TAS [Garrity et al. 2005a ]                       |
|           |                           | Class <i>Gammaproteobacteria</i>      | TAS [Garrity et al. 2005b]                        |
|           |                           | Order <i>Pseudomonadales</i>          | TAS [ Skerman et al. 1980, Orla-Jensen 1921]      |
|           |                           | Family <i>Pseudomonadaceae</i>        | TAS [Orla-Jensen 1921, Garrity et al. 2005c]      |
|           |                           | Genus <i>Pseudomonas</i>              | TAS [Orla-Jensen 1921, Palleroni et al. 2005a]    |
|           |                           | Species <i>Pseudomonas aeruginosa</i> | TAS [Orla-Jensen 1921, Rikalovic et al. 2013]     |
|           |                           | Strain san ai                         | TAS [Karadzic et al. 2004]                        |
|           | Gram strain               | Negative                              | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Cell shape                | Rod-shaped                            | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Motility                  | Motile                                | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Sporulation               | None                                  | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Temperature range         | 30-45 °C                              | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Optimum temperature       | 30 °C                                 | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | pH range                  | 4.6- 9.8                              | TAS [Karadzic et al. 2004, Rikalovic et al. 2013] |
|           | Carbon source             | Heterotrophic                         | TAS [Palleroni 2005a]                             |
|           | Energy source             | Chemoorganotrophic                    | TAS [Palleroni 2005b]                             |
| MIGS-6    | Habitat                   | Metal Working Fluid, pH 10            | TAS [Karadzic et al. 2004]                        |
| MIGS 6.3. | Salinity                  | Not reported                          |   |
| MIGS-10   | Extrachromosomal elements | None                                  | IDA   |
| MIGS-22   | Oxygen requirement        | Aerobic                               | TAS [Palleroni 2005b]                             |
| MIGS-15   | Biotic relationship       | Free-living                           | NAS   |
| MIGS-14   | Patogenicity              | None                                  | TAS   |
| MIGS-4    | Geographic location       | Tokyo, Japan                          | TAS [Karadzic et al. 2004]                        |
| MIGS-5    | Sample collection time    | Before 2002                           | TAS [Karadzic et al. 2004]                        |
| MIGS-4.1  | Latitude                  | 35.683 N                              | TAS   |
| MIGS-4.2  | Longitude                 | 139.683 E                             | TAS   |

Evidence codes - IDA: Inferred from Direct Assay; TAS: Traceable Author Statement (i.e., a direct report exists in the literature); NAS: Non-traceable Author Statement (i.e., not directly observed for the living, isolated sample, but based on a generally accepted property for the species, or anecdotal evidence). These evidence codes are from <http://www.geneontology.org/GO.evidence.shtml> of the Gene Ontology project [Palleroni 2005a]