Table X. Functional genes used in this study.

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| --- | --- | --- | --- | --- |
| Gene (percent ID) | Organism | accession | activity | reference |
| dddD (60) | *Marinomonas* sp.MWYL1 | ABR72937.1 | DMSP lyase | Todd *et al*., 2007 |
|  | *Sinorhizobium* sp. NGR234 | YP\_002822700.1 | DMSP lyase | Todd *et al*., 2007 |
|  | *Burkholderia ambifaria* AMMD | ABI89851.1 | DMSP lyase | Todd *et al*., 2007 |
|  | *Pseudomonas* sp.J465 | ACY01992.1 | DMSP lyase | Curson *et al.*, 2010 |
|  | *Psychrobacter* sp.J466 | ACY02894.1 | DMSP lyase | Curson *et al*., 2010 |
|  | *Halomonas* sp. HTNK1 | ACV84065.1 | DMSP lyase | Todd *et al*., 2010 |
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