|  |  |  |  |
| --- | --- | --- | --- |
| Strain | Cys (-)a | Cys (+)a | Growth in R2A +100 µM CdCl2b |
|  |  | |  |
| UYP1 |  | | + |
| UYP4 |  | | - |
| UYP5 |  | | - |
| UYP6 |  | | - |
| UYP10 |  | | - |
| UYP33 |  | | - |
| Co721 |  | | - |
| Co732 |  | | - |
| Cu511 |  | | - |
| Cu512 |  | | - |
| MM211 |  | | - |
| Controlc |  | | NAd |

**Table S1.** Production of H2S and bacterial growth in medium with Cd2+ of the lithobiont collection

a Cys (-), no cysteine was added to the medium; Cys (+), 1 mM cysteine was added to the medium

b Bacterial growth in R2A solid medium with 100 µM CdCl2

c Control condition without bacteria

d Not applicable