**S5 Table. Minimal inhibitory concentration (MIC) of As(III) for *Thiomonas* strains on solid m126.** *Thiomonas* spp. CB2 and CB3 are slightly more resistant than the others strains. *Thiomonas* spp. 3As, CB1 and CB6 demonstrate lower levels of resistance to As(III).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Thiomonas* strains** | **K12** | **3As** | **CB1** | **CB2** | **CB3** | **CB6** | **ACO3** | **ACO7** |
| **As(III) MIC (mM)** | 9.3 | 8 | 8 | 12 | 12 | 8 | 9.3 | 9.3 |