Table S1. Primers and probes used for the RT-PCR.

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| Primers/probes | Sequence (5’-3’) | Targeted gene | References |
| TceA1270F | ATCCAGATTATGACCCTGGTGAA | *tceA* gene of *Dehalococcoides mccartyi* strain 195 | Ritalahti et al., 2006 |
| TceA1336R | GCGGCATATATTAGGGCATCTT |
| TceA1294Probe | FAM-TGGGCTATGGCGACCGCAGG-TAMRA |
| HupF  | TGACGTTATTGCAGTAGCTGAGT | *hup* gene of *Dehalococcoides mccartyi* strain 195 | Morris et al., 2006 |
| HupR | CACACCATAGCTGAGCAGGTT |
| FdhF | CCAGACTGAGTACCGCTTCCA | *fdh* gene of *Dehalococcoides mccartyi* strain 195 | Rahm et al., 2006 |
| FdhR | GGAGAAACAGGCGGGGTAGT |

The TaqMan probe has 6-carboxyfluorescein (FAM) as a reporter fluorophore on the 5’ end, and N,N,N’,N’-tetramethyl-6-carboxyrhodamine (TAMRA) as quencher on the 3’ end.