

Table S6. Mn/Fe ratio in <i>D. deserti</i> and <i>D. radiodurans</i>				
	TSB/10		TSB/10 + trace elements ^c	
	<i>D. deserti</i>	<i>D. radiodurans</i>	<i>D. deserti</i>	<i>D. radiodurans</i>
Mn ^a	0.38	0.15	2.04	0.66
Fe ^a	0.7	0.89	1.9	1.43
Mn/Fe ^b	0.54	0.16	1.05	0.47

^a In nmol/mg dry weight. Strains were grown in tenfold diluted tryptic soy broth (TSB/10) or TSB/10 supplemented with trace elements, washed in PBS containing 1 mM EDTA, and cells were dried at 60°C for 48 h, and subjected to ICP-AES.

^b The Mn/Fe ratio in TSB/10 + trace elements is 0.19; Mn and Fe in TSB/10 were below the detection limit.

^c Vujičić-Žagar A, Dulermo R, Le Gorrec M, Vannier F, Servant P, et al. (2009) Crystal structure of the IrrE protein, a central regulator of DNA damage repair in Deinococcaceae. J Mol Biol. In Press.