

Table S7: Summary of ONEWAY ANOVA post-hoc tests of microbial communities from coupons grouped according to whether or not they showed pitting corrosion. No pits: R7, R8 (no-fuel), R1, R2 (petro-F76). Pits: R3, R4 (FT-F76), R5, R6 (fuel mix). Dependent variables: relative abundance of the 100 genera in highest relative abundance. Mean: mean value of relative abundance, expressed as a percentage. Only taxa with significance level < 0.05% are shown.

			No pits	Pits
<b>Class: genus (or other taxon)</b>	<b>F<sub>(1, 21)</sub></b>	<b>Sig.</b>	<b>Mean</b>	<b>Mean</b>
<b>Acteothermia: <i>Acetothermiia</i></b>	<b>8.672</b>	<b>0.008</b>	<b>0.39</b>	<b>0.05</b>
<b>Acidimicrobiia: Actinomarinales</b>	<b>7.000</b>	<b>0.015</b>	<b>0.04</b>	<b>0.14</b>
<b>Desulfobacteria: <i>Desulfosarcina</i></b>	<b>4.574</b>	<b>0.044</b>	<b>0.03</b>	<b>0.42</b>
<b>Desulfobulbia: <i>Desulfotalea</i></b>	<b>4.597</b>	<b>0.044</b>	<b>1.12</b>	<b>3.25</b>
<b>Desulfovibrionia: <i>Desulfovibrio</i></b>	<b>6.892</b>	<b>0.016</b>	<b>49.95</b>	<b>27.67</b>
<b>Bacilli: <i>Acholeplasma</i></b>	<b>8.439</b>	<b>0.008</b>	<b>0.04</b>	<b>0.14</b>
<b>Gracilibacteria: Absconditabacteriales (SR1)</b>	<b>4.477</b>	<b>0.046</b>	<b>0.23</b>	<b>0.01</b>