

Environment	
<span style="color: blue;">■</span>	Marine
<span style="color: purple;">■</span>	Brackish
<span style="color: brown;">■</span>	Freshwater

Iron oxide morphology	
<span style="color: orange;">■</span>	Twisted stalks
<span style="color: yellow;">■</span>	Dreads
<span style="color: blue;">■</span>	Iron particles

Optimum Growth Temperature (Predicted)		
<span style="color: blue;">■</span>	20 °C	<span style="color: red;">■</span>
<span style="color: white;">■</span>	40 °C	<span style="color: orange;">■</span>
<span style="color: red;">■</span>	60 °C	<span style="color: yellow;">■</span>

Established ZOTUs  
 Iron oxide morphology  
 Iron oxidation (cy/cz)  
 H2-uptake NiFe hydrogenase 1d (hvaABC)  
 Environment  
 Optimum Growth Temperature (Predicted)

Established ZOTUs	
<span style="color: black;">■</span>	ZetaOtu1
<span style="color: green;">■</span>	ZetaOtu3
<span style="color: pink;">■</span>	ZetaOtu4
<span style="color: orange;">■</span>	ZetaOtu9
<span style="color: purple;">■</span>	ZetaOtu10
<span style="color: blue;">■</span>	ZetaOtu11
<span style="color: lightblue;">■</span>	ZetaOtu14
<span style="color: lightblue;">■</span>	ZetaOtu18
<span style="color: lightblue;">■</span>	ZetaOtu37
<span style="color: red;">■</span>	ZetaOtu39
<span style="color: brown;">■</span>	ZetaOtu58
<span style="color: brown;">■</span>	ZetaOtu54
<span style="color: yellow;">■</span>	ZetaOtu59

Tree scale: 0.2

