

Table S7. Transporter genes identified in Marine Group I (MGI) Thaumarchaeota single amplified genomes (SAGs).

Transporter/Type	AAA001-A19	AAA007-N19	AAA007-O23	AAA288-I14	AAA288-J14
ABC Transporters					
<i>Mineral and Organic Ion</i>					
Iron (III) transport system substrate biding protein					●
<i>Phosphate and Amino Acid</i>					
Phosphonate transport system substrate-binding protein	●		●	●	
Phosphonate transport system permease protein	●	●	●		
Phosphonate transport system ATP-binding protein			●		
<i>Oligosaccharide and Polyol Transporters</i>					
Multiple sugar transport system permease protein					●
<i>ABC-type 2 and other Transporters</i>					
Antibiotic transport system permease protein	●		●	●	●
Antibiotic transport system ATP-binding protein	●		●	●	
Lipoprotein-releasing system permease protein		●		●	
Lipoprotein-releasing system ATP-binding protein		●		●	
<i>Metal Cation, Iron Siderophore and Vitamin B12</i>					
Zinc transport system permease protein	●		●	●	
Zinc transport system ATP-binding protein	●		●	●	