

## Crenarchaeota:Group c3

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coryarchiedota. Handoaccenanes

Euryarchaeota Haiorhabdus

uryarchaeota St-12k10a

Crenerchaeota: Miscellaneous crenerchaeotic proup

Euryarchaeota Marine Group ii

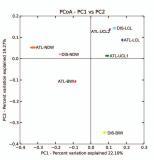
Euryarchaeota Anme-3

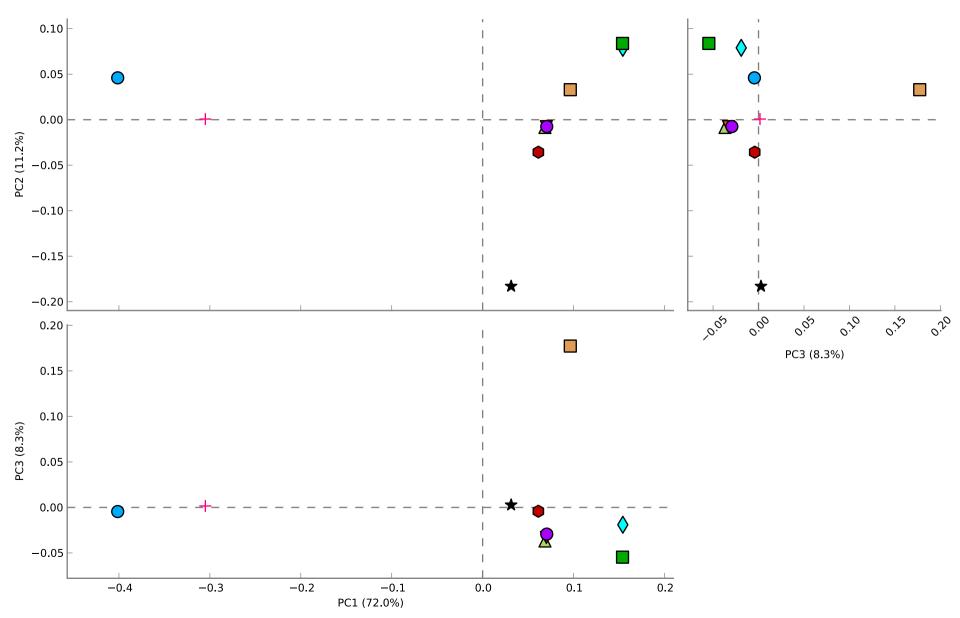
Euryarchaeota South african goldmine gp

Euryarchaeota 20c-4

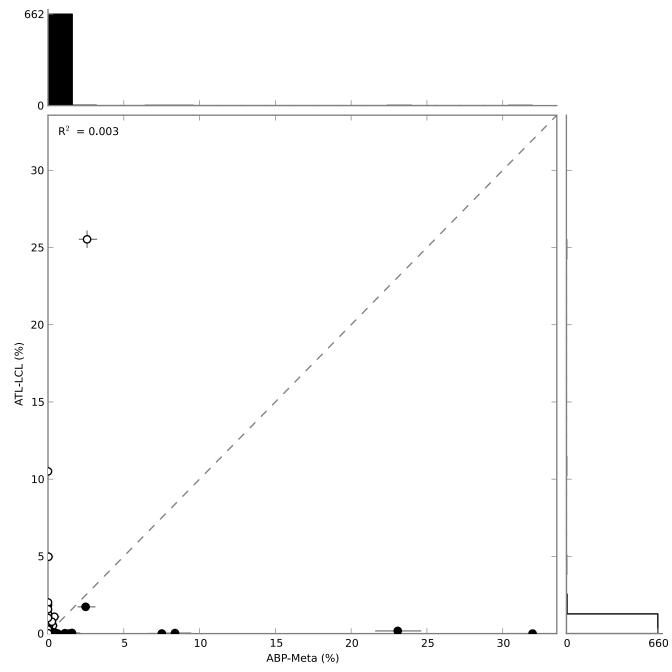


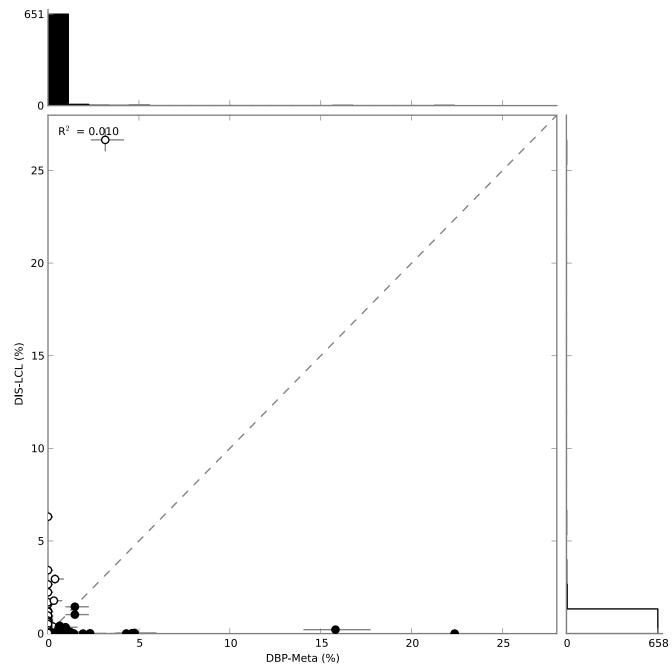
	DIS-BWI
	ATL-BM
67%	
100%	DISADW
J115	ATLUCL1
51%	- 0510.
5176	- ATLUC
	- ATLUCI2

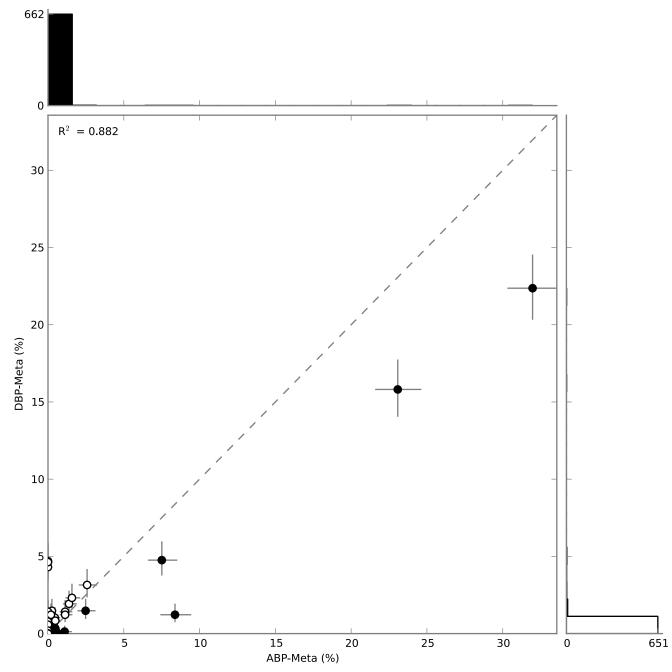












2008 2010

## 95% confidence intervals

		95% confidence intervals		
Gluconacetobacter			4.12e-12	2
Variovorax			5.24e-9	
Bartonella			1.76e-8	
1			3.07e-7	
Xanthomonas Cupriavidus				
			5.54e-7	
Ralstonia			8.93e-7	
Microbacterium			1.40e-6	
Methylibium		•	1.51e-6	
Leptothrix			1.51e-6	
Renibacterium		•	1.51e-6	
Burkholderia			3.49e-6	
Leifsonia		•	4.89e-6	
Clavibacter			1.82e-5	
Azoarcus		•	1.91e-4	
Micrococcus		•	2.32e-4	
Rhodopseudomonas		•	3.67e-4	
Agrobacterium		•	4.02e-4	
unclassified (derived from Bacteria)			4.41e-4	
Phyllobacterium			3.48e-3	
Oxalobacter			8.30e-3	
Acinetobacter			0.011	
Bradyrhizobium		<b>P</b>	0.013	
Polynucleobacter		0	0.014	
Nitrobacter		•	0.017	
Veillonella		0	0.027	
Pirellula		p p	0.027	
Coraliomargarita		Ý	0.035	
Marinomonas		Q	0.035	
Methanopyrus		•	0.035	
Meiothermus			0.035	
Natronomonas		•	0.035	
Edwardsiella		•	0.035	
Asticcacaulis		$\bullet$	0.035	
Comamonas		•	0.035	
Micromonospora		•	0.035	
Ochrobactrum	1	•	0.035	
Brevundimonas		•	0.035	
Ensifer		•	0.035	
Thermosipho			0.035	
Bhargavaea		•	0.035	
Methanosarcina			0.035	
Moraxella		•	0.035	
Pyrobaculum			0.035	
Lysobacter			0.035	
Haloterrigena			0.035	(pa
Kribbella		•	0.035	Pect
Aurantimonas			0.035	e (correct
Gardnerella			0.035	) 19
Phenylobacterium			0.035	llev.
Shinella			0.035	ģ
Cellulomonas			0.035	
Oligotropha			0.035	
Azorhizobium			0.035	
Nocardioides			0.035	
Enhydrobacter			0.035	
Bordetella			0.035	
Herminiimonas			0.035	
Methanosphaera			0.035	
Methylobacillus			0.035	
Thermococcus		r ⊧⊷-1	0.035	
Methanothermobacter			0.035	
Brucella Desulfohalobium			0.036	
Pectobacterium			0.036	
Vibrio Janibacter			0.036	
			0.037	
Aromatoleum			0.037	
Halorubrum			0.037	
Blautia Xylella			0.038	
			0.038	
Moorella Dickeya				
Dickeya Hahella			0.038	
Hahella			0.038	
		•	0.039	
Acidovorax			0.039	
Acidovorax Thermus	Þ			
Acidovorax Thermus Anoxybacillus	Þ	•	0.039	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter	•		0.039 0.041	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus			0.039 0.041 0.041	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus			0.039 0.041 0.041 0.041	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium			0.039 0.041 0.041 0.041 0.041	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera			0.039 0.041 0.041 0.041 0.041 0.041 0.042	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans			0.039 0.041 0.041 0.041 0.041 0.041 0.042 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium			0.039 0.041 0.041 0.041 0.041 0.041 0.042 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema			0.039 0.041 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia			0.039 0.041 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia			0.039 0.041 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter Achromobacter			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043 0.044	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter Achromobacter Yersinia			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043 0.044 0.044	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter Achromobacter Yersinia			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043 0.044 0.044 0.046 0.046	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter Achromobacter Yersinia Prevotella Frankia			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043 0.044 0.044 0.046 0.046 0.046	
Acidovorax Thermus Anoxybacillus Anaeromyxobacter Geobacillus Desulfothermus Methylobacterium Isosphaera Sideroxydans Mesorhizobium Natrinema Roseburia Prolixibacter Achromobacter Yersinia Prevotella Frankia			0.039 0.041 0.041 0.041 0.041 0.042 0.043 0.043 0.043 0.043 0.043 0.044 0.044 0.044 0.046 0.046 0.046 0.048	

