

Table 2: Proteins that are specific for Crenarchaeota
Gao, B. and Gupta, R.S. BMC Genomics (2007) 8, 86.

Proteins specific to Crenarchaeota					
APE019	[NP_147243]	ribonuclease p3	APE1241	[NP_147816]	COG4343
APE0488	[NP_147273]	COG4914	APE1561	[NP_148025]	COG4900
APE0503	[NP_147284]	COG4755	APE1627 ²	[NP_148064]	CDD26669
APE0505 ¹	[NP_147285]	CDD26165	APE1644	[BAA80645]	
APE0623	[NP_147373]	COG4888	APE1701 ³	[NP_148108]	COG5494
APE0975	[NP_147640]	COG4879			
Proteins specific to Aeropyrum and Sulfolobus					
APE0143	[NP_146996]	COG5491	APE1848	[NP_148210]	COG1259
APE0145	[NP_146997]		APE1936	[BAA80945]	
APE0168	[NP_147017]		APE1966	[NP_148294]	
APE0238	[NP_147072]		APE1996	[NP_148313]	
APE0429	[NP_147222]		APE2102	[NP_148384]	
APE0663	[NP_147399]	COG5431	APE2195	[NP_148451]	COG2083
APE0902	[NP_147588]		APE2325	[NP_148539]	
APE1113	[NP_147720]		APE2340	[NP_148552]	
APE1364	[NP_147897]		APE2435	[NP_148607]	COG4920
APE1626	[NP_148063]		APE2454	[BAA81469]	
APE1817	[NP_148186]	COG5399	APE2463	[NP_148628]	
Proteins specific to Aeropyrum and Pyrobaculum					
APE0106	[NP_146969]		APE1230	[NP_147806]	
APE0730	[NP_147451]		APE1236	[NP_147812]	
APE0874	[NP_147564]		APE2409	[NP_148589]	
APE1194	[NP_147776]	COG5625	APE2602	[NP_148718]	
APE1228	[NP_147804]				
Proteins specific to Sulfolobus and Pyrobaculum					
Saci_0004	[YP_254727]		Saci_1129	[YP_255774]	
Saci_0005	[YP_254728]		Saci_1813	[YP_256412]	COG4113
Saci_0035	[YP_254758]		Saci_1883	[YP_256481]	= Saci_1813
Saci_0223	[YP_254935]	CDD46009	Saci_2070	[YP_256657]	
Saci_0224	[YP_254936]	= Saci_0223	Saci_2080	[YP_256667]	= Saci_1813
Saci_0660	[YP_255337]		Saci_2195	[YP_256774]	= Saci_0223
Saci_0857	[YP_255517]		Saci_2357	[YP_256931]	= Saci_0223

The protein ID number starting with APE and Saci represents query protein from the genome of *A. pernix* K1 and *S. acidocaldarius* DSM 639. “=” means paralogous genes.

Note¹. A low scoring homolog to APE0505 is also found in *Ferroplasma acidarmanus* Fer1.

Note². A low scoring homolog to APE1627 is also found in *Aquifex aeolicus* VF5.

Note³. A low scoring homolog to APE1701 is also found in *Archaeoglobus fulgidus* DSM 4304.