

Table 3: Proteins that are specific for Euryarchaeota
 Gao, B. and Gupta, R.S. BMC Genomics (2007) 8, 86.

Proteins specific to almost all Euryarchaeota					
PAB0082	[NP_125825]	Tgt	COG1549	PAB2435	[NP_126297] CDD25834
MMP0243*	[NP_987363]	CDD9595		P AB0315	[NP_126165] CDD29150
PAB1089	[NP_127334]	COG2150		Ta0062*	[NP_393541] CDD26662
PAB2404 ¹	[NP_125813]	Pol II	COG1933		
Proteins specific to Euryarchaeota except Thermoplasmata					
PAB0161	[NP_125931]	COG1326		PAB1338	[NP_127222] CDD9842
PAB0172	[NP_125944]	ATPase	COG2117	PAB1517	[NP_126975] COG1356
PAB0188 ¹	[NP_125970]	CDD8172		PAB1804	[NP_126517] CDD15772
PAB0951	[NP_127107]	COG4044		PAB2224	[NP_125887] CDD5728
PAB1055 ²	[NP_127280]	COG4743		VNG1263c*	[AAG19620] CDD2419
PAB1284	[NP_127297]	RecJ	COG1107	VNG2408c*	[AAG20496] COG3365
MMP1287*	[NP_988407]	CDD2419			

The protein ID number starting with MMP, Ta and VNG represents query protein from the genome of *M. maripaludis* S2, *T. acidophilum* and *Halobacterium* sp. NRC-1. * means protein is missing in the genomes of 4 *Thermococci* species.

Note¹. Homologs to PAB2404 and PAB0188 are also found in *Nanoarchaeum equitans* Kin4-M.

Note². Homolog to PAB1055 is also found in *Dehalococcoides* sp. CBDB1 and *D. ethenogenes* 195.