

**Table 12. Halobacteria-specific Proteins Present in Three of Four Sequenced Genomes**

Gao, B. and Gupta, R.S. BMC Genomics (2007) 8, 86.

(a) Proteins specific to <i>Haloarcula</i> , <i>Haloquadratum</i> and <i>Natronomonas</i>						
HQ1030A	[YP_656818]		HQ1450A	[YP_657222]	HQ2343A	[YP_658080]
HQ1039A	[YP_656827]		HQ1602A	[YP_657372]	HQ2547A	[YP_658267] = HQ2813A
HQ1053A	[YP_656841]		HQ1655A	[YP_657424]	HQ2569A	[YP_658289]
HQ1055A	[YP_656843]		HQ1666A	[YP_657434]	HQ2670A	[YP_658387]
HQ1086A	[YP_656873]		HQ1684A	[YP_657452]	HQ2722A	[YP_658435]
HQ1087A	[YP_656874]		HQ1702A	[YP_657470]	HQ2813A	[YP_658523]
HQ1112A	[YP_656898]		HQ1709A	[YP_657477]	HQ2870A	[YP_658579]
HQ1115A	[YP_656900]		HQ1738A	[YP_657504]	HQ2998A	[YP_658697] = HQ1086A
HQ1117A	[YP_656902]		HQ1789A	[YP_657554] = HQ2813A	HQ3026A	[YP_658725]
HQ1186A	[YP_656970]		HQ1947A	[YP_657708] = HQ1312A	HQ3262A	[YP_658954]
HQ1187A	[YP_656971]		HQ2131A	[YP_657885] CDD43604	HQ3440A	[YP_659123] = HQ1450A
HQ1188A	[YP_656972]		HQ2214A	[YP_657963] = HQ1117A	HQ3500A	[YP_659174]
HQ1223A	[YP_657004]		HQ2215A	[YP_657964]	HQ3505A	[YP_659178] = HQ1087A
HQ1239A	[YP_657019]		HQ2234A	[YP_657983] = HQ1312A	HQ3506A	[YP_659179] = HQ1086A
HQ1252A	[YP_657032]		HQ2235A	[YP_657984] = HQ1312A	HQ3578A	[YP_659246] = HQ2131A
HQ1290A	[YP_657068]		HQ2253A	[YP_658000]	HQ3597A	[YP_659264] = HQ1087A
HQ1312A <sup>1</sup>	[YP_657090]		HQ2256A	[YP_658003]	HQ3598A	[YP_659265] = HQ1086A
HQ1331A	[YP_657107]		HQ2273A	[YP_658018] = HQ2215A	HQ3660A	[YP_659321]
HQ1402A	[YP_657175]		HQ2312A	[YP_658054]		
(b) Proteins specific to <i>Haloarcula</i> , <i>Haloquadratum</i> and <i>Halobacterium</i>						
VNG0033H	[AAG18673]		VNG1036H	[AAG19446]	VNG2392H	[AAG20483]
VNG0312H	[AAG18892]		VNG1110C	[AAG19502]	VNG2509H	[AAG20571]
VNG0447H	[AAG18990] CDD10432		VNG1345H	[AAG19680]	VNG2532H	[AAG20591]
VNG0578H	[AAG19092]		VNG1447H	[AAG19754]	VNG2634H	[AAG20668]
VNG0579H	[AAG19093]		VNG1459H	[AAG19765]	VNG2645H	[AAG20679]
VNG0581H	[AAG19094]		VNG1538H	[AAG19824]	VNG6355H	[AAG20978] = VNG0033H
VNG0584H	[AAG19097] QcrA CDD31067		VNG1849H	[AAG20055] CDD30175	VNG6367H	[AAG20987]
VNG0585H	[AAG19098]		VNG1942H	[AAG20126]	VNG6401H	[AAG21010] = VNG0033H
VNG0587H	[AAG19100]		VNG1991H	[AAG20163]	VNG6418H	[AAG21022]
VNG0590H	[AAG19101]		VNG2262H	[AAG20380]	VNG6419H	[AAG21023]
VNG0911H	[AAG19344]		VNG2342H	[AAG20447]		
(c) Proteins specific to <i>Haloarcula</i> , <i>Natronomonas</i> and <i>Halobacterium</i>						
VNG0187H	[AAG18800]		VNG1182H	[AAG19557] CDD12795	VNG1865H	[AAG20066]
VNG0199H	[AAG18810]		VNG1183H	[AAG19559] CDD25116	VNG2039H	[AAG20199]
VNG0256H	[AAG18852]		VNG1261H	[AAG19618]	VNG2133H	[AAG20272]
VNG0861H	[AAG19307] CDD30165		VNG1372C	[AAG19700] COG3975	VNG2178H	[AAG20313] PhrH
VNG0978H	[AAG19397]		VNG1380H	[AAG19706]	VNG2379H	[AAG20474]
VNG1034H	[AAG19444]		VNG1621H	[AAG19882] CDD12795	VNG2431C	[AAG20515]
VNG1050H	[AAG19455]		VNG1638H	[AAG19895]	VNG2498H	[AAG20563] CDD9693
VNG1064H	[AAG19467] CDD1427		VNG1664H	[AAG19916]		
VNG1087C	[AAG19485] CDD8970		VNG1820H	[AAG20031]		
(d) Proteins specific to <i>Haloquadratum</i> , <i>Natronomonas</i> and <i>Halobacterium</i>						
VNG0039H	[AAG18678]		VNG0729H	[AAG19207]	VNG2461H	[AAG20537]
VNG0132C	[AAG18753]		VNG1453H	[AAG19759]	VNG6334H	[AAG20962]
VNG0204H	[AAG18812]		VNG1674H	[AAG19924]	VNG7112	[AAC82896]
VNG0282H	[AAG18870]		VNG1723H	[AAG19962]	VNG7136	[AAC82920]
VNG0520H	[AAG19048]		VNG2182H	[AAG20317]		

The protein ID number starting with HQ represents query protein from the genome of *Haloquadratum walsbyi* DSM 16790.

**Note**<sup>1</sup>. A homolog to HQ1312A is also found in *Salinibacter ruber* DSM 13855.