

A

Thermococcales

Thermococcus kodakarensis (TK0038-39-40-41-42-43-44-45-46-47-48-49) // +K TK0053



Pyrococcus furiosus (PF0338-337-336-335-334-333-332-331-330) // +K PF0471



Pyrococcus horikoshii (PH0546-548-549-550-551-552-553-553.1n-555-556-557-559) // +K PH0446



Pyrococcus abyssi (PAB1378-1379-1380-1381-1382-1383-1384-1385-1386-1387) // +K PAB1309



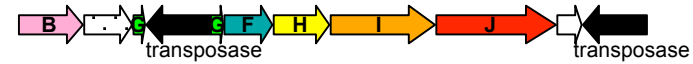
B

Desulfurococcales & Sulfolobales

Aeropyrum pernix (APE1907-1905-1904-1903-1901-1899-1898-1896-1895)



Sulfolobus solfataricus (SSO2323-2322-2320-2319-2319-2318-2316-2315-2314) +K SSO0131



Sulfolobus tokodaii (ST2518-2519-2520-2521-2522-2523-2524) +K ST2258

Sulfolobus acidocaldarius (Saci_1178-1177-1176-1175-1174-1173-1172) + K Saci_0139



Methanococcales & Thermoplasmatales

Methanocaldococcus jannashii (MJ0891-892-893-894-895-896-897-898-899-900-901-902)

// +2K MJ0835.2 MJ1282.1



Methanococcus maripaludis (MMP1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676)

// +2K MMP0232-MMP0555 +F MMP0342



Thermoplasma acidophilum (Ta0553-554-555-556-557a-558-559-560) // +B Ta1407m

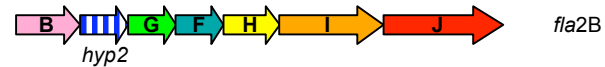


Thermoplasma volcanium (TVN0607-608-609-610-611-612-613-614) // +B TVN1426

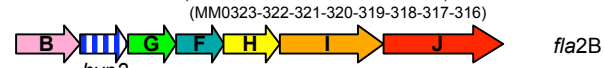


Methanomicrobia & Archaeoglobales

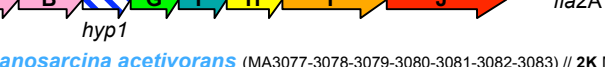
Methanosarcina barkeri (Mbar_A1970-1969-1968-1967-1966-1965-1964) +K Mbar_A1491



Methanosarcina mazei (MM0418-417-416-415-414-413-412) // K MM1678



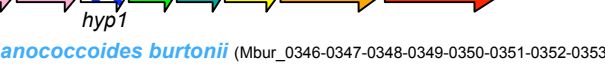
Methanosarcina acetivorans (MA3077-3078-3079-3080-3081-3082-3083) // 2K MA0519-MA4505



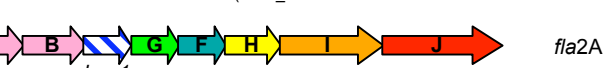
(MA3062-3061-3060-3059-3058-3057-3056-3055)



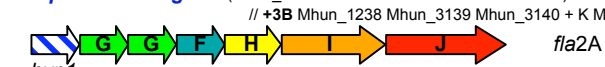
Methanosarcina burtonii (Mbur_0346-0347-0348-0349-0350-0351-0352-0353)



Methanospirillum hungatei (Mhun_0100-0101-0102-0103-0104-0105-0106)



// +3B Mhun_1238 Mhun_1319 Mhun_1340 + K Mhun_2921



Archaeoglobus fulgidus (AF1055-1054-1053-1052-1051-1050-1049-1048) +K AF0936



Halobacteriales & Methanomicrobia

Haloarcula marismortui (rmAC2198-2197-2195-2194-2193-2192-2191-2190-2187-2186-2184-2183)

// +2B pNG1026 -rmB0018 +D rmAC1482 + K rmAC2525



Halobacterium sp. (VNG0962G-961G-960G-959H-958G-955G-954C-953C-950a-950Gm-949G-947G)

// +3B VNG1181G-VNG1009-VNG1008+G VNG2567C + K VNG2285C



Natromonas pharaonis (NP2086A-2088A-2090A-2092A-2094A-2096A-2098A-2100A-2102A-2104A-2106A)

// (NP2152A-2154A-2156A-2158A-2160A)

// +K NP1276A +D NP2686A



Methanococcoides burtonii (Mbur_1570-1571-1572-1573-1574-1575) // +B Mbur_0104 + D Mbur_1246 + K Mbur_0062

