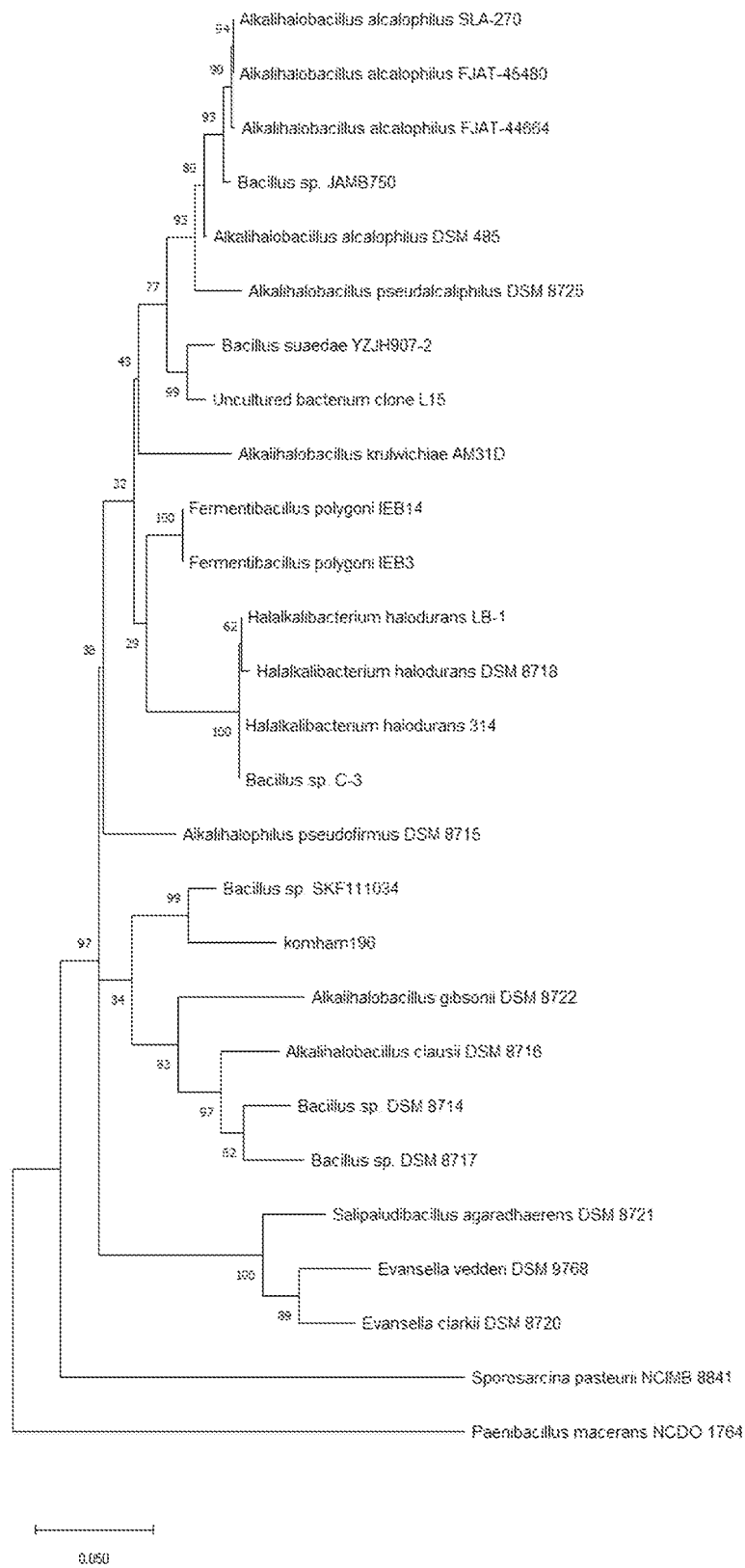
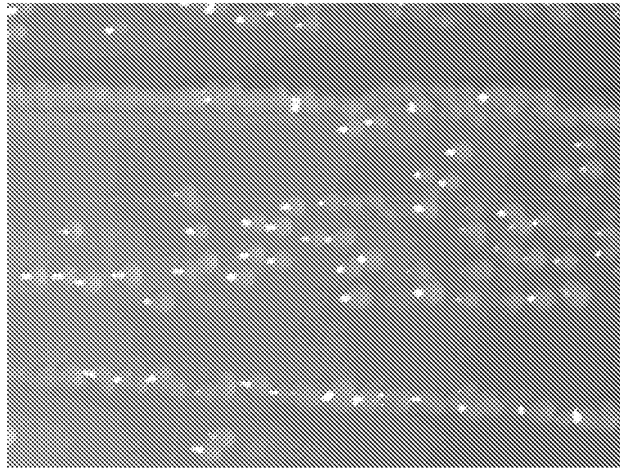


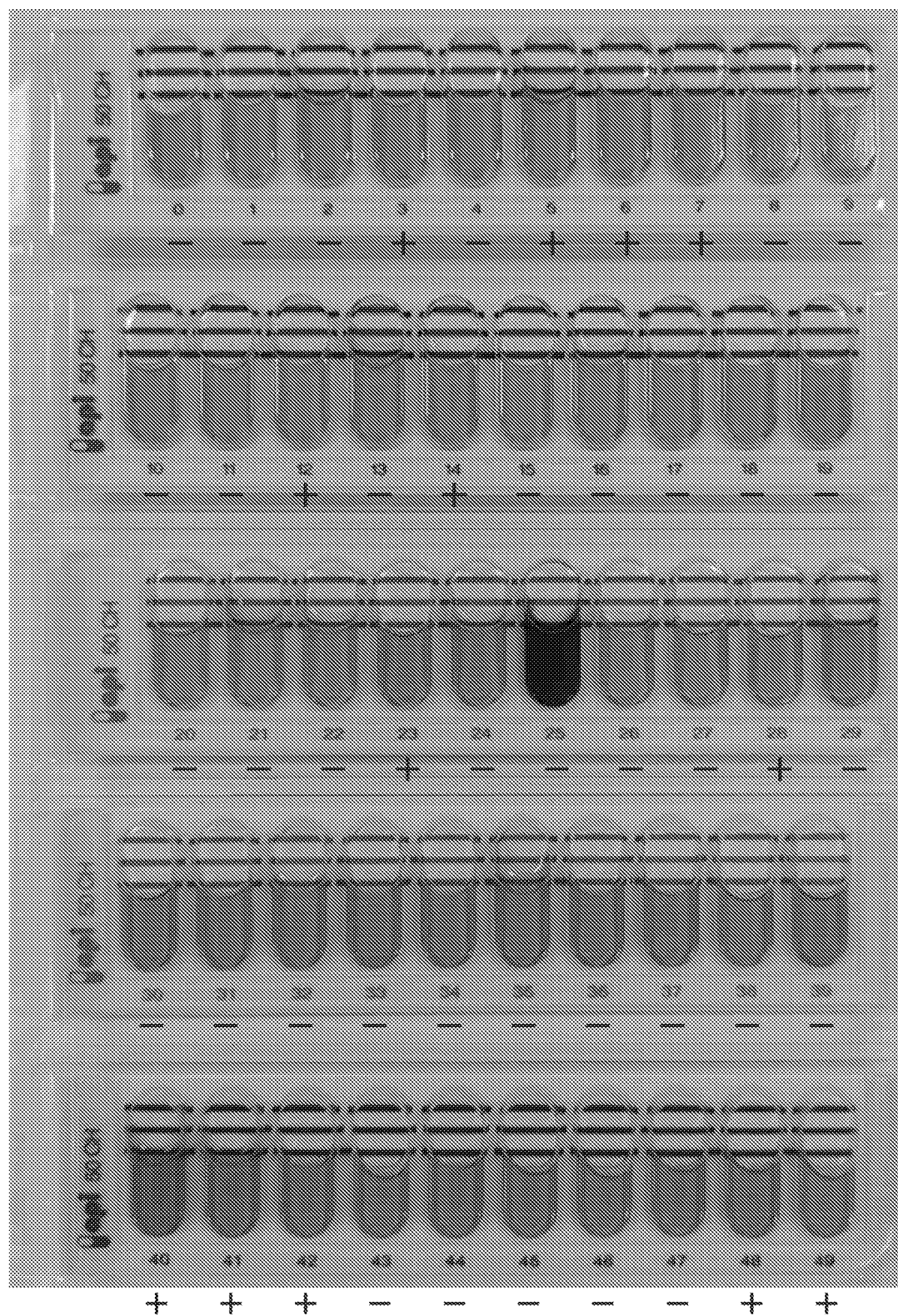
[図1]



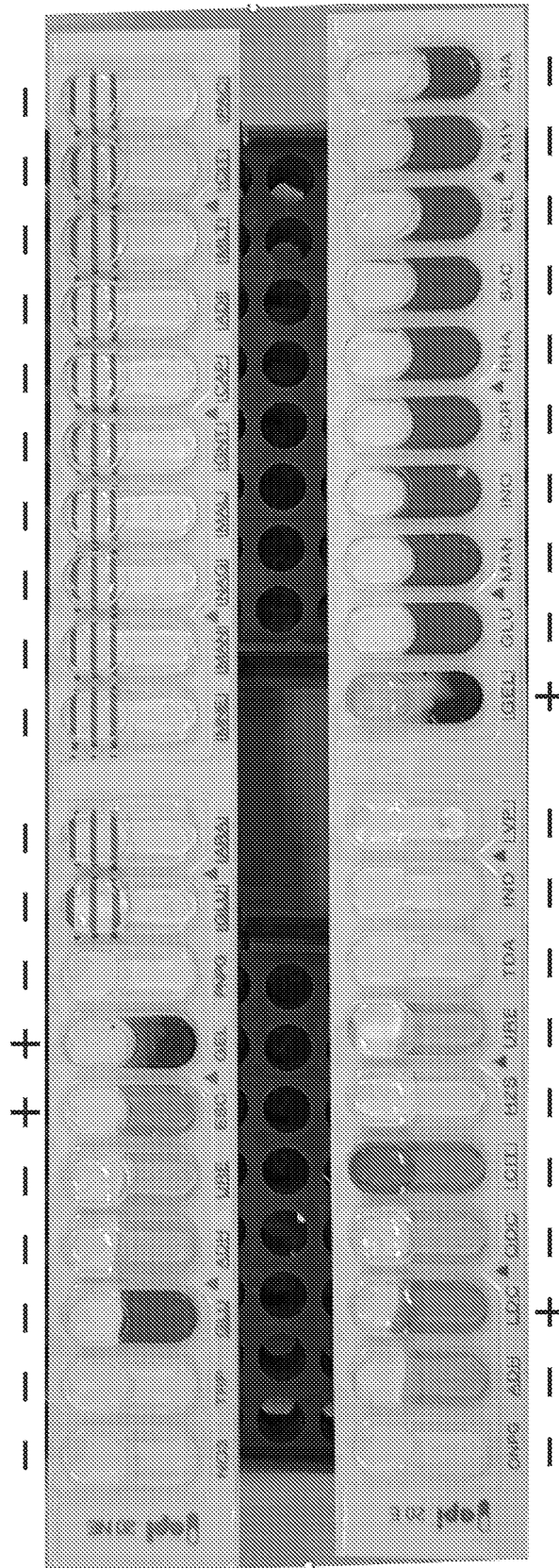
【図2】



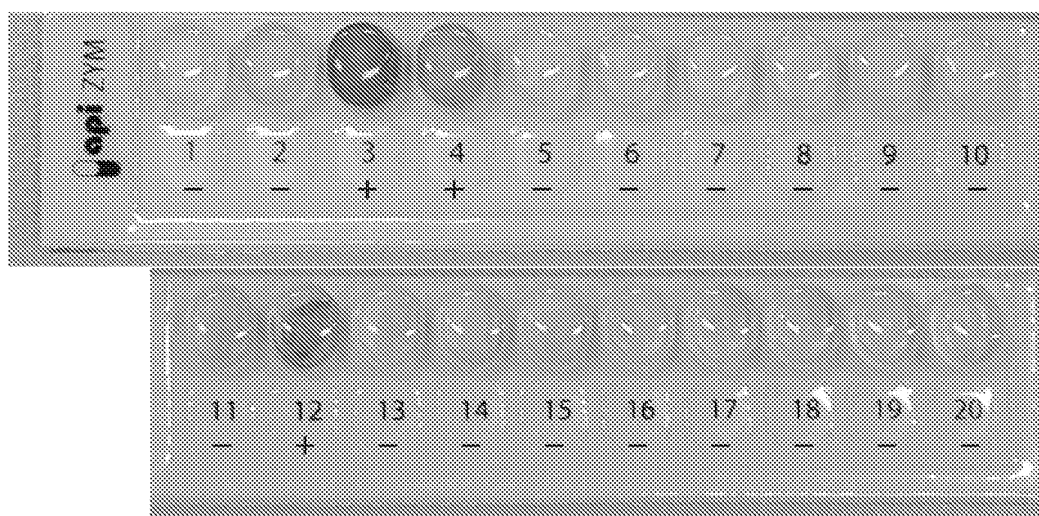
[図3]



[図4]

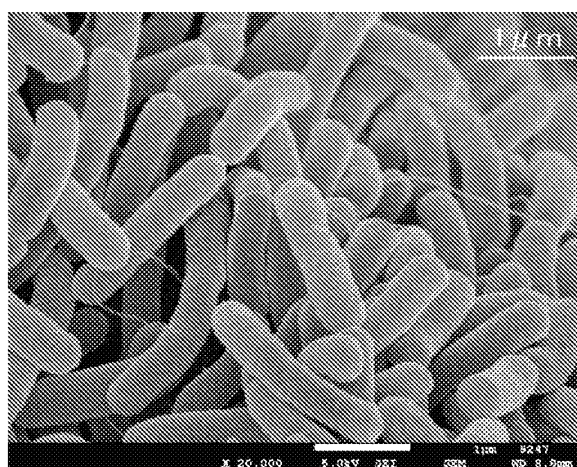


[図5]

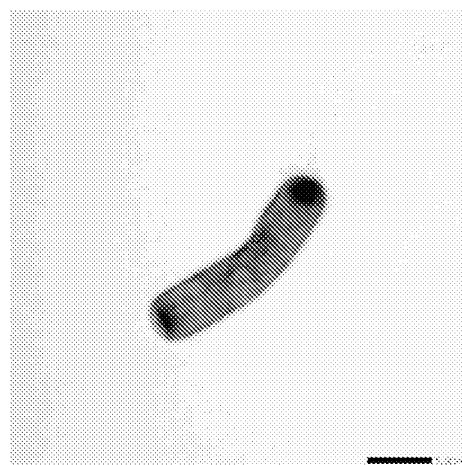


[図6]

(A)



(B)



002_Sporosarcina_pasteurii_BNCC337394_GCA_004379295.1	002_Sporosarcina_pasteurii_BNCC337394_GCA_004379295.1	100.0%	71.2%	71.1%	71.4%	013_Halalkalibacterium_halodurans_LB-1_GCA_005671335.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
002_Sporosarcina_pasteurii_BNCC337394_GCA_004379295.1	002_Sporosarcina_pasteurii_BNCC337394_GCA_004379295.1	100.0%	71.2%	71.1%	71.4%	013_Halalkalibacterium_halodurans_LB-1_GCA_005671335.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
003_Salipaludibacillus_agaradhaerens_DSM8721_GCA_002019735.1	003_Salipaludibacillus_agaradhaerens_DSM8721_GCA_002019735.1	70.9%	100.0%	71.1%	71.8%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
011_Alkalihalobacillus_alcalophilus_CGMCC1.3604_GCA_004802515.1	011_Alkalihalobacillus_alcalophilus_CGMCC1.3604_GCA_004802515.1	70.1%	70.8%	100.0%	72.9%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	72.6%	72.5%	73.8%	72.9%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
013_Halalkalibacterium_halodurans_LB-1_GCA_005671335.1	013_Halalkalibacterium_halodurans_LB-1_GCA_005671335.1	71.2%	71.6%	72.3%	72.2%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
001_Paenibacillus_macerans_16_GCA_022494515.1	001_Paenibacillus_macerans_16_GCA_022494515.1	72.0%	71.1%	70.7%	71.5%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
005_Evansella_clarkii_DSM8720_GCA_002019695.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	71.0%	72.2%	71.6%	71.7%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	70.6%	70.7%	72.9%	73.0%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	70.9%	71.2%	71.7%	71.8%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
komham196	komham196	71.7%	71.9%	72.1%	72.4%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1
006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1	69.8%	70.2%	71.6%	71.7%	010_Alkalihalobacillus_kruiwichiiae_AM31D_GCA_002109385.1	001_Paenibacillus_macerans_16_GCA_022494515.1	005_Evansella_clarkii_DSM8720_GCA_002019695.1	014_Alkalihalobacillus_pseudofirmus_MRWL7_GCA_001940735.1	007_Alkalihalobacillus_clausii_DSM8716_GCA_002250115.1	komham196	006_Alkalihalobacillus_gibsonii_KCCM41407_GCA_016798245.1

[図8]

