

Pseudomonas putida (Trevisan) Migula

8100^T <- IFO 14164 <- Kansai Med.Univ. (E. Yabuuchi; KM1081) <- J. Y. Homma <- J. M. Shewan <- NCIB 9494.

=NBRC 14164 =
JCM 3697 13063 20120 =ATCC 12633

IFO Medium No.802. 28°C
Reference(192).

Synonym *Arthrobacter siderocapsulatus*.

JIS K 0420-74-10-2000 test.

Micrococcus luteus (Schroeter) Cohn

8101^T <- JCM 1464 <- IAM 1056 <- IFO 3333 <- ATCC 4698 <- London Univ. (A. Fleming).

=NBRC 3333 =ATCC 4698 =JCM 1464

JCM Medium No.22. 28°C
Reference(194).

Synonym *Micrococcus lysodeikticus*.

Rhodovulum sp.

8103 <- Watanabe (N. Nishio) Hiroshima University. (PS88).

IFO Medium No.802. 28°C

Synonym

Klebsiella sp.

8104 <- N. Nishio; HU-101. From methanogenic sludge by Rachman et al. Hiroshima. Japan.

=NBRC 100048

IFO Medium No.802. 37°C BSL 2
Reference(180).

Synonym

H₂ producing

Former name: Enterobacter aerogenes

Klebsiella sp.

8105 <- HU-101 AY - 2 (Rachman et al). Isolated from HU-101.

IFO Medium No.802. 37°C BSL 2
Reference(180).

Synonym

High H₂ producing mutant.

Former name: Enterobacter aerogenes.

Escherichia coli (Migula) Catellani & Chalmers

8106 <- IFO 3301 <- Osaka Univ. <- J. Lederberg (K-12).

=NBRC 3301

IFO Medium No.802. 37°C

Synonym

JIS L 1902:2008 test.

Nitrosomonas europaea Winogradsky

8107 <- IFO 14298 <- IFO (T. Sakane; NS-5-2; single cell isolate) <- T. Yamanaka (Tokyo Ins. of Technol.) <- J. D. Nicholas (Adelaide Australia).

=NBRC 14298 =ATCC 19718

IFO Medium No.240. 28°C

Synonym

Enterobacter cloacae (Jordan) Hormaeche& Edwards

8108^T <- JCM 1232 <- R. Sakazaki 206 <- ATCC 13047 <- NCDC 279-56 ("*Aerobacter cloacae*" Cloaca A). From spinal fluid.

=NBRC 13535 =JCM 1232 =ATCC 13047

JCM Medium No.12 37°C
Reference(180).

BSL 2

Synonym

Cronobacter sakazakii (Farmer et al.) Iversen et al.

8109^T <- JCM 1233 <- Y. Kosako 216 <- R. Sakazaki 216 <- ATCC 29544 <- J. J. Farmer CDC 4562-70 (Ct2(MR-)) <- Tennessee State Hlth. Dept. USA <- Primary Hosp. Lab. From Child's throat.

=NBRC 102416 =NBRC 105698 =ATCC 29544 =IAM 12660
=JCM 1233

JCM Medium No.12 37°C
Reference(180).

BSL 2

Synonym *Enterobacter sakazakii*.

Enterobacter gergoviae Brenner et al.

8110^T <- JCM 1234 <- Y. Kosako 221 <- R. Sakazaki 221 <- CDC 604-77 <- CIP 76.1 <- C. Richard 16-74. From urine. France.

=NBRC 105706 =GTC 00350 =GIFU 1061=ATCC 33028 =JCM
1234

JCM Medium No.12 37°C
Reference(180).

Synonym

Enterobacter aerogenes Hormaeche & Edwards

8111^T < JCM 1235 < Y. Kosako 226 < R. Sakazaki 226 < ATCC 13048 < NCDC 819-56. From sputum. South Carolina Dept. of Health and Environmental Control.

=NBRC 13534 =JCM 1235 =ATCC 13048

JCM Medium No.12 37°C

BSL 2

Reference(180).

Synonym *Klebsiella mobilis*.

Pantoea agglomerans (Ewing and Fife) Gavini et al.

8112^T < JCM 1236 < Y. Kosako 83002 < R. Sakazaki 236 < W. H. Ewing CDC 1461-67 < D. Graham < NCTC 9381 < M. Pereira strain Graham Price (ICPB 3435). From Knee laceration. Zimbabwe.

=NBRC 102470 =IAM 12659 =JCM 1236 =ATCC 27155

JCM Medium No.12 37°C

Reference(180).

Synonym

Enterobacter amnigenus Izard et al.

8113^T < JCM 1237 < Y. Kosako 246 < R. Sakazaki 246 < H. Leclerc CUETM 77-118. From soil.

=NBRC 105700 =JCM 1237 =GTC 00340 =GIFU 10605 =ATCC 33072

JCM Medium No.12 37°C

Reference(180).

Synonym

Kluyvera intermedia (Izard et al.) Pavan et al.

8114^T < JCM 1238 < R. Sakazaki (256) < H. Leclerc (CUETM 77-130) < F. Gavini (E 86). From Surface water. France.

=NBRC 102594 =IAM 14238 =JCM 1238 =ATCC 33110

JCM Medium No.12 37°C

BSL 2

Reference(180).

Synonym *Enterobacter intermedium*.

Enterobacter intermedium.

Enterobacter cancerogenus (Urosevic) Dickey & Zumoff

8115 < JCM 3943 < Y. Kosako 85541 < R. Sakazaki 85003 < CDC 2126-81. From human arm wound. New York. USA.

=NBRC 105713 =JCM 3943 =GTC 01269 =ATCC 35317

JCM Medium No.12 37°C

Reference(180).

Synonym *Enterobacter taylorae*.

Erwinia cancerogena.

Enterobacter asburiae Brenner et al.

8116^T <- JCM 6051 <- ATCC 35953 <- CDC 1497-78.

=JCM 6051 =ATCC 35953

JCM Medium No.12 37°C
Reference(180).

Synonym

Enterobacter aerogenes Hormaeche & Edwards

8117 <- IFO 12010 <- Osaka Univ. (T. Harada; F-50). From feces.

=NBRC 12010 =ATCC 15038

IFO Medium No.802 30°C BSL 2
Reference(180).

Synonym *Klebsiella mobilis*.
Aerobacter aerogenes.

Former name: Aerobacter aerogenes.

***Petrotoga* sp.**

8122 <- Kyushu Univ. (Y. Sugai; AR80) <- Brine water extracted from an oil producing well named "#AR-80" of Yabase oilfield in Akita. Japan (INPEX Corp.).

=KCTC 15103

AR80 Medium 60°C
Reference(195) (196).

Synonym

Microbial Enhanced Oil Recovery Technique and/or Bio-remediation of Oil Pollution.

Clostridium thermocellum Viljoen et al. 1926

8123^T <- NBRC 103400 <- IAM 13660 <- ATCC 27405 <- L.D. Smith, VPI 7372 <- J. Alexander <- R. McBee.

=NBRC 103400 =JCM 9322 =IAM 13660 =DSM 1237 =ATCC
27405 =NCIB 10682 =LMG 10435 =NRRL B-4536

°C

Synonym

Gluconobacter oxydans (Henneberg 1897) De Ley 1961 emend. Mason and Claus 1989

8125^T <- NBRC 14819 <- IFO 14819 <- Shizuoka Univ. (Y. Yamada) <- NCIB 9013 <- J.G. Carr

=NBRC 14819 =ATCC 19357 =NCIB 9013 =CCUG 18132 =CIP
103106 =DSM 3503 7145 =ICMP 12533 =JCM 7642 =LMG 1408

NBRC Medium 804 30°C

Synonym *Gluconobacter oxydans* subsp. *industrius*
Gluconobacter oxydans subsp. *melanogenes*
Gluconobacter oxydans subsp. *oxydans*
Gluconobacter oxydans subsp. *sphaericus*
Gluconobacter oxydans subsp. *suboxydans*

Flavobacterium flevense (van der Meulen et al. 1974) Bernardet et al. 1996

8126^T <-NBRC 14960 <-IFO 14960 <-ATCC 27944 <-H.J. van der Meulen; A-34

=NBRC 14960 =ATCC 27944 =CCUG 14832 =CIP 104740 =DSM 1076 =LMG 8328 IFO Medium 802 24°C

Synonym *Cytophaga flevensis*

Cellulophaga lytica (Lewin 1969) Johansen et al. 1999

8127^T <-NBRC 14961 <-IFO 14961 <-ATCC 23178 <-R.A. Lewin; LIM-21

=NBRC 14961 =JCM 8516 =ATCC 23178 =CIP 103822 =DSM 7489 =LMG 1344 =VKM B-1433 NBRC Medium 336 30°C

Synonym *Cytophaga lytica*

Psychromonas agarivorans Hosoya et al. 2009

8128^T <-NBRC 104585 <-MBIC08338 <-J.-H. Jang, J42-3A From Sediment. Nagasaki. Japan.

=NBRC 104585 =MBIC 08338 =KCTC 22285 Marine Agar 2216 20°C

Synonym

Pseudoalteromonas atlantica (Akagawa-Matsushita et al. 1992) Gauthier et al. 1995

8129^T <-NBRC 103033 <-IAM 12927 <-NCIMB 301 <-W. Yaphé

=NBRC 103033 =IAM 12927 12376 =JCM 8845 =ATCC 19262 =NCIMB 301 =CECT 579 =CIP 104721 =NCTC 10685 =CIP 63.28 Marine Agar 2216 20°C

Synonym *Alteromonas atlantica*

Paenibacillus glucanolyticus (Alexander and Priest 1989) Shida et al. 1997

8130^T IFO 15330 <- DSM 5162 <- F.G. Priest <- J.R. Norris, B 0030

=NBRC 15330 =DSM 5162 =NCIB 12809 =HSCC 171 =ATCC 49278 =CCUG 28523 =CIP 106935 =LMG 12239 =NCIMB 12809 IFO Medium 802 30°C

Synonym *Bacillus glucanolyticus*

***Bacillus* sp.**

8131 <-NBRC 101221 <-NITE 00243 <-Kao Corp. (Y. Kimura; KSM-C6012). From soil. Japan.

=NBRC 101221

NBRC Medium 883 30°C

Synonym

Alkaline cellulase;production

Pseudoalteromonas carrageenovora (Akagawa-Matsushita et al. 1992) Gauthier et al. 1995

8132^T IFO 12985 <- NCMB 302 <- Maritime Regional Lab. Nat. Res. Council, Canada (W. Yaphe)

=NBRC 12985 =IAM 12662 =JCM 8851 =ATCC 43555 =NCMB
302 =CIP 103674 =DSM 6820 =NCIMB 302

NBRC Medium 325 24°C

Synonym *Alteromonas carrageenovora*

Carrageenin;hydrolysis

Microbacterium oxydans (Chatelain and Second 1966) Schumann et al. 1999

8133^T <-NBRC 15586 <-IFO 15586 <- DSM 20578 <- NCIB 9944 <- CIP 6612 <- R. Chatelain; X98 From air.

=NBRC 15586 =JCM 12414 =DSM 20578 =NCIB 9944 =CIP
66.12 =NCIMB 9944 =VKM Ac-2116

802 30°C

Synonym *Brevibacterium oxydans*

Dysgonomonas alginatilytica

8134^T <-Hiroshima Univ. (Akihisa Kita; HUA-2). alginate degrading consortium acclimated from sea sand. Hiroshima gulf. Japan

DSMZ medium No.104 30°C

Synonym

Former name: *Dysgonomonas alginolyticum* strain HUA-2

***Burkholderia* sp.**

8135 <- National Institute of Advanced Industrial Science and Technology chugoku (H. Akita; CCA53) From Leaf soil. Higashi-Hiroshima. Hiroshima pref. Japan.

CCA53

Nutrient Broth 37°C

Synonym

Lignin degradation

Pseudomonas humi

8136 <- National Institute of Advanced Industrial Science and Technology chugoku (H. Akita; CCA1) From Leaf soil. Higashi-Hiroshima. Hiroshima pref. Japan.

CCA1 Nutrient Broth 37°C

Synonym Lignin degradation

Former name: *Pseudomonas* sp.

Paenibacillus sp.

8147 Soil/Isolated at 2021/Hironaga Akita/ Higashi-Hiroshima City in Hiroshima Prefecture, Japan.

NSA17 Nutrient Broth 37°C

Synonym

Former name: *Paenibacillus* sp. CCS17

Paenibacillus sp.

8148 Soil/Isolated at 2021/Hironaga Akita/ Higashi-Hiroshima City in Hiroshima Prefecture, Japan.

CCS19 Nutrient Broth 37°C

Synonym

Phyllobacterium humicola NSA23

8149 Soil/Isolated at 2021/Hironaga Akita/ Higashi-Hiroshima City in Hiroshima Prefecture, Japan.

CCS23 Nutrient Broth 37°C

Synonym

Former name: *Paenibacillus* sp. CCS23

Paenibacillus sp.

8150 Soil/Isolated at 2021/Hironaga Akita/ Higashi-Hiroshima City in Hiroshima Prefecture, Japan.

CCS26 Nutrient Broth 37°C

Synonym
