

常用大肠杆菌 (K-12株来源) 的基因型

Strain	Genotype
BB4	<i>supF58, supE44, hsdR514, galk2, galT22, trpR55, metB1, tonA, ΔlacU169/F' [proAB⁺, lac I^q, lacZΔM15Tn10 (tet^r)]</i>
BL21 (DE3)	<i>F⁻, ompT, hsdS_B (r_B⁻m_B⁻), gal (λ c I 857, ind1, Sam7, nin5, lacUV5-T7gene1), dcm (DE3)</i> (B株来源)
BM25.5	<i>F⁻, λ imm⁴³⁴ kar', (P1), cm', r_K⁻m_K⁺, tet^r</i>
BMH71-18mutS	<i>Δ (lac-proAB), supE, thi, mutS215 :: Tn10 (tet^r) /F' (traD36, proAB⁺, lac I^q, lacZΔM15)</i>
BW313	<i>HfrKL16PO/45 [lys (61-62) /dut1, ung1, thi-1, relA1]</i>
C-la	A wild type strain (C strain) (C株来源)
C600	<i>supE44, hsdR, thi-1, thr-1, leuB6, lacY1, tonA21</i>
CJ236	<i>dut1, ung1, thi-1, relA1/pCJ105 (F'cam')</i>
DH1	<i>supE44, hsdR17, recA1, endA1, gyrA96, thi-1, relA1</i>
DH5	<i>supE44, hsdR17, recA1, endA1, gyrA96, thi-1, relA1</i>
DH5α	<i>F⁻, φ80d/lacZΔM15, Δ(lacZYA-argF) U169, deoR, recA1, endA1, hsdR17(r_K⁻m_K⁺), phoA, supE44, λ⁻, thi-1, gyrA96, relA1</i>
DP50supF	<i>supE44, supF58, hsdS3 (r_B⁻m_B⁻), dapD8, lacY1, glnV44, Δ (gal-uvrB) 47, tyrT58, gyrA29, tonA53, Δ (thyA57)</i>
ED8654	<i>supE, supF, hsdR, metB, lacY, gal, trpR</i>
ED8767	<i>supE44, supF58, hsdS3 (r_B⁻m_B⁻), recA56, galk2, galT22, metB1</i>
ER1647	<i>F⁻, trp-31, his-1, rpsL104 (str^r), fhuA2, Δ (lacX) r1, supE44, xyl-7, mtl-2, metB1, recD1014, mcrA1272 :: Tn10, Δ (mcrB, hsdRMS, mrr) 102 :: Tn10 (tet^r)</i>
HB101	<i>supE44, Δ (mcrC-mrr), recA13, ara-14, proA2, lacY1, galk2, rpsL20, xyl-5, mtl-1, leuB6, thi-1</i>
HMS174	<i>F⁻, recA1, hsdR, Rif^r</i>
JM83	<i>F⁻, ara, Δ (lac-proAB), rpsL (φ80 lacZΔM15)</i>
JM101	<i>supE, thi, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
JM105	<i>endA1, supE, sbcB15, thi, rpsL, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
JM106	<i>F⁻, endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ (lac-proAB)</i>
JM107	<i>endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
JM108	<i>F⁻, recA1, endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ (lac-proAB)</i>
JM109	<i>recA1, endA1, gyrA96, thi-1, hsdR17(r_K⁻m_K⁺), e14⁻ (mcrA), supE44, relA1, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
JM110	<i>dam, dcm, supE44, hsdR17, thi, leu, rpsL1, lacY, galk, galT, ara, tonA, thr, tsx, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
K802	<i>F⁻, lacY1 or Δ (lac I^q-Y) 6 (lac-3), supE44, galk2, galT22, mcrA, rfbD, metB1, mcrB1, hsdR2</i>
K803	<i>F⁻, lacY1 or Δ (lac I^q-Y) 6 (lac-3), supE44, galk2, galT22, mcrA, rfbD, metB1, mcrB1, hsdR3</i>
LE392	<i>supE44, supF58, hsdR514, galk2, galT22, metB1, trpR55, lacY1</i>
MC1061	<i>hsdR, mcrB, araD139, Δ (araABC-leu) 7679, ΔlacX74, galU, galk, rpsL, thi</i>
MV1184	<i>ara, Δ (lac-proAB), rpsL, thi (φ80 lacZΔM15), Δ (srl-recA) 306 :: Tn10 (tet^r) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
MV1193	<i>Δ (lac-proAB), rpsL, thi, endA1, sbcB15, hsdR4, Δ (srl-recA) 306 :: Tn10 (tet^r) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
NovaBlue	<i>endA1, hsdR17, (r_K⁻m_K⁺), supE44, thi-1, gyrA96, relA1, lac, recA1/F', [proAB⁺, lac I^qΔM15, Tn10 (tet^r)]</i>
RR1	<i>supE44, hsdS20, ara-14, proA2, lacY1, galk2, rpsL20, xyl-5, mtl-1</i>
TAP90	<i>supE44, supF58, hsdR, pro, leuB, thi-1, rpsL, lacY1, tonA1, recD1903 :: mini-tet</i>
TG1	<i>supE, hsdΔ5, thi, Δ (lac-proAB) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
TG2	<i>supE, hsdΔ5, thi, Δ (lac-proAB) Δ (srl-recA) 306 :: Tn10 (tet^r) /F' [traD36, proAB⁺, lac I^q, lacZΔM15]</i>
TH2	<i>supE44, hsdS20 (r_B⁻m_B⁻), recA13, ara-14, proA2, lacY1, galk2, rpsL20, xyl-5, mtl-1, thi-1, trpR624</i>
XL1-Blue	<i>hsdR17, supE44, recA1, endA1, gyrA46, thi, relA1, lacI/F' [proAB⁺, lac I^q, lacZΔM15 :: Tn10 (tet^r)]</i>
x1776	<i>F⁻, thuA53, dapD8, minA1, minB2, rfb-2, glnV44 (supE44), Δ (gal-uvrB) 47, tyrA142, gyrA29, oms-2, metC65, osm-1 (tte-1), Δ (bioH-asd) 29, cycA1, cycB2, hsdR2</i>
Y-1088	<i>F⁻, ΔlacU169, supE, supF, hsdR, metB, trpR, fhuA21, proC :: Tn5/pMC9*</i>
Y-1089	<i>F⁻, ΔlacU169, lon-100, araD139, rpsL, hflA150 [chr :: Tn10/pMC9*]</i>
Y-1090	<i>F⁻, ΔlacU169, lon-100, araD139, rpsL, supF, mcrA, trpC22 :: Tn10/pMC9*</i>

绿字表示TaKaRa销售的感受态细胞菌株

* pMC9 is pBR322 with lac I^q inserted.

参考文献

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