常用大肠杆菌（K-12 株来源）基因型

菌株名称 (Strain)	基因型 （Genotype）	备注
BB4	supF58, supE44, hsdR514, galK2, galT22, trpR55, metB1, tonA, ΔJacUJ169/F [proAB*, lac, lacZ△M15Tn10 (tet')]	K-12 株来源
BL21 (DE3)	F^- , ompT, hsdS (rs^- ma^-), gal (λcI857, ind1, Sam7, nine, lacUV5-T7genet), dcm(DE3)	B 株来源（非 K-12 株）
BM25.5	F^- , λimm⁴³⁴kan', (P1), cm', r^- m^+ , tet'	K-12 株来源
BMH71-18mutS	Δ(lac-proAB), supE, thi, mutS215::Tn10 (tet') /F' (traD36, proAB*, lacIᵠ, lacZ△M15)	K-12 株来源，含 mutS 突变
BW313	HfrKL16PO/45 [lys(61-62)/dut1, ung1, thi-1, relA1]	K-12 株来源
C-la	A wild type strain (C strain)	C 株来源（非 K-12 株），野生型
C600	supE44, hsdR, thi-1, thr-1, euB6, lacY1, tonA21	K-12 株来源
CJ236	dut1, ung1, thi-1, relA1/pCJ105 (F'cam')	K-12 株来源，含 pCJ105 质粒
DH1	supE44, hsdR17, recA1, endA1, gyrA96, thi-1, relA1	K-12 株来源，常用 克隆菌株
DH5	supE44, hsdR17, recA1, endA1, gyrA96, thi-1, relA1	K-12 株来源，与 DH1 基因型一致
DH5α	00d/lacZΔM15, Δ(lacZYA-argF)U169, deoR, recA1, endA1, hsdR17($rκ^-$ mx^+), phoA, supE44, $λ^-$, thi-1, gyrA96, relA1 F^-	K-12 株来源，常用 感受态菌株
DP50supF	supE44, supF58, hsdS3(rs ms), dapDB, lacY1, glnV44, △(gal-uvrB)47, tyrT58, gyrA29, tonA53, △(thyA57)	K-12 株来源
ED8654	supE, supF, hsdR, metB, lacY, gal, trpR	K-12 株来源

ED8767	supE44, supF58, hsdS3(ra m8), recA56, galK2, galT22, metB1	K-12 株来源，含 recA56 突变
ER1647	F', trp-31, his-1, rpsL104(str'), thuA2, △(lacX)r1, supE44, xyl-7, mtl-2, metB1, recD1014, mcrA1272::Tn10, Δ(mcrB, hsdRMS, mrr)102::Tn10 (tet')	K-12 株来源，含链霉素抗性
HB101	supE44, Δ(mcrC-mrr), recA13, ara-14, proA2, lacY1, galK2, rpsL20, xy1-5, mtl-1, leuB6, thi-1	K-12 株来源
HMS174	F⁻, recA1, hsdR, Rif'	K-12 株来源，含利福平抗性
JM83	F⁻, ara, Δ(lac-proAB), rpsL (Φ80 lacZ△M15)	K-12 株来源
JM101	supE, thi, Δ(lac-proAB)/F [traD36, proAB, lacI^φ, lacZ△M15]	K-12 株来源，可用于蓝白斑筛选
JM105	endA1, supE, sbcB15, thi, rpsL, Δ(lac-proAB)/F [traD36, proAB, lacI^φ, lacZ△M15]	K-12 株来源
JM106	F⁻, endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ(lac-proAB)	K-12 株来源
JM107	endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ(lac-proAB)/F [traD36, proAB+, lacI^φ, lacZ△M15]	K-12 株来源
JM108	F⁻, recA1, endA1, gyrA96, thi, hsdR17, supE44, relA1, Δ(lac-proAB)	K-12 株来源，含 recA1 突变
JM109	recA1, endA1, gyrA96, thi-1, hsdR17(rκ⁻ m⁺), e14⁻ (mcrA⁻), supE44, relA1, Δ(lac-proAB)/F'[traD36, proAB+, lacI^φ, lacZ△M15]	K-12 株来源，常用克隆菌株
JM110	dam, dcm, supE44, hsdR17, thi, lev, rpsL1, lacY, galK, galT, ara, tonA, thr, tsx, Δ(lac-proAB)/F[traD36, proAB*, lacI^φ, lacZ△M15]	K-12 株来源，含 dam、dcm 突变
K802	F⁻, lacY1 or Δ(lacI^φ-Y)6(lac-3), supE44, galK2, galT22, mcrA, rfbD, metB1, mcrB1, hsdR2	K-12 株来源
K803	F⁻, lacY1 or Δ(lacI^φ-Y)6(lac-3), supE44, galK2, galT22, mcrA, rfbD, metB1, mcrB81, hsdR3	K-12 株来源，与 K802 基因型相近

LE392	supE44, supF58, hsdR514, galK2, galT22, metB1, trpR55, lacY1	K-12 株来源
MC1061	hsdR, mcrB, araD139, △(araABC-leu)7679, △lacX74, galU, galK, rpsL, thi	K-12 株来源
MV1184	ara, Δ(lac-proAB), rpsL, thi(φ80 lacZ△M15), Δ(srl-recA)306::Tn10(tet')/F'[traD36, proAB+, lacIφ, lacZ△M15]	K-12 株来源
MV1193	△(lac-proAB), rpsL, thi, endA1, sbcB15, hsdR4, △(srl-recA)306::Tn10(tet')/F'[traD36, proAB+, lacIφ, lacZ△M15]	K-12 株来源
NovaBlue	endA1, hsdR17(rk⁻ mk⁺), supE44, thi-1, gyrA96, relA1, lac, recA1/F'[proAB+, lacIφZ△M15, Tn10(tet')]	K-12 株来源
RR1	supE44, hsdS20, ara-14, proA2, lacY1, galK2, rpsL20, xyl-5, mtl-1	K-12 株来源
TAP90	supE44, supF58, hsdR, pro, leuB, thi-1, rpsL, lacY1, tonA1, recD1903::mini-tet	K-12 株来源
TG1	supE, hsdΔ5, thi, Δ(lac-proAB)/F [traD36, proAB+, lacIφ, lacZ△M15]	K-12 株来源
TG2	supE, hsdΔ5, thi, Δ(lac-proAB)Δ(srl-recA)306::Tn10(tet')/F'[traD36, proAB+, lacIφ, lacZ△M15]	K-12 株来源
TH2	supE44, hsdS20(rB mB), recA13, ara-14, proA2, lacY1, galK2, rpsL220, xyl-5, mtl-1, thi-1, trpR624	K-12 株来源
XL1-Blue	hsdR17, supE44, recA1, endA1, gyrA46, thi, relA1, lac/F [proAB+, lacIφ, lacZ△M15::Tn10(tet')]	K-12 株来源，常用感受态菌株
x1776	F', thuA53, dapDB, minA1, minB2, rfb-2, ginV44(supE44), △(gal-uvrB)47, tyrA142, gyrA29, oms-2, metC65, osm-1(tte-1), △(bioH-asd)29, cycA1, cycB2, hsdR2	K-12 株来源
Y-1088	F', △lacU169, supE, supF, hsdR, metB, trpR, fhuA21, proC::Tn5/pMC9*	K-12 株来源，含 pMC9*质粒
Y-1089	F⁻, △lacU169, lon-100, araD139, rpsL, hflA150 [chr::Tn10/pMC9*]	K-12 株来源，含 pMC9*质粒

Y-1090	F", ΔpacU169, lon-100, araD139, rpsL, supF, mcrA, trpC22::Tn10/pMC9*	K-12 株来源，含 pMC9*质粒；注：Δ pacU169 应为Δ lacU169（原文疑似笔误）