Рис. 34. Классическая аттенюаторная регуляция гена *leuA* у γ-протеобактерий. Обозначения такие же, как на рисунке 4.

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KPN            ******AUGAUUCGCACCGCUCGUAUCACCAGCCUACUACUACUAAACGCAUGCCAUUUGCGCGGUAGGCUGUUGGGCGACGUUCAGCGUUAAGUCAUCUUCCAGCAAGACUAU**************AAAACCCGCGCCUUG****GCGCGGGUUUUUUUAU**********
ECA            *********AUGUUCAAGUUUACUGUCCUACUAAGCCUACUACUAAACGCAUCCUUCUUUGCGCGGUAGGUUUGUGGGCAGACUUCAGAACUAAGUUUCUCGCCACACGAUAC***************AAAAACCCGCGCUGAU****GCGCGGGUUUUUUUUU**********
EcE24377A      ******AUGACUCACAUCGUUCGCUUUAUCGGUCUACUACUACUAAACGCAUCUUCUUUGCGCGGUAGACGAGUGAGCGGCAGCCAGCAUUAAGCCAGCACGCAGUCAAAC***************AAAAAACCCGCGCCAUU****GCGCGGGUUUUUUUAU**********
SbBS512,S,SSON ******AUGACUCACAUCGUUCGCUUUAUCGGUCUACUACUACUAAACGCAUCUUCUUUGCGCGGUAGACGAGUGAGCGGCAUCCAGCAUUAAGCCAGCACGCAGUCAAAC***************AAAAAACCCGCGCCAUU****GCGCGGGUUUUUUUAUGCCCGAAGCG
SDY            ******AUGACUCACAUCGUUCGCUUUAUCGGUCUACUACUA***AACGCAUCUUCUUUGCGCGGUAGACGAGUGAGCGGCAUCCAGCAUUAAGCCAGCACGCAGUCAAAC***************AAAAAACCCGCGCCAUU****GCGCGGGUUUUUUUAUGCCCGAAGCG
Spro           ******AUGAACUCUACUUUCCGUCUACUAAGGCCUACUACUU***AACGCAUCUUGUUUGCGCGGUAUGCCGGUGGACGCAGUUCAGAGCUGAUUCAGCCCACCUCAUAAC******************AAACCCGCGCUACU****GCGCGGGUUUUUUUUUACCCGCUUAG
YPIP275        ******AUGUUCUACUCAACCCGUCUACUAAGCCUACUACUU***AACGCAUCUCUCUUGCGCGGUAUGUUGGUGGACGGAAAUCA****UGAUUCAGCCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUGU*********
YpsIP31758     ******AUGUUCUACUCAACCCGUCUACUAAGCCUACUACUU***AACGCAUCUCUCUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGCCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUAUCCGCUGAG
YE             ******AUGUUCUACUCAACCCGUCUACUAGGCCUACUACUU***AACGCAUCUCUCUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGUCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUACCCGCUAAG
YberA          ******AUGUUCUACUCAACCCGCCUACUAAGCCUACUACUA***AACGCAUCUCACUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGUCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUACCCGCAAAG
YfreA          ******AUGUUCUACUCAACCCGUCUACUAGGCCUACUACUU***AACGCAUCUCUCUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGUCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUACCCGCAAAG
YmolA          ******AUGUUCUACUCAACCCGCCUACUCAGCCUACUACUA***AACGCAUCUCACUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGUCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUACCCGCUAAG
YintA          ******AUGUUCUACUCAACCCGUCUACUAAGCCUACUACUU***AACGCAUCUCACUUGCGCGGUAUGUUGGUGGACGGAAAUCAGAACUGAUUCAGUCAUCAAGAUUAAC******************AAGCCCGCGCAAAU****GCGCGGGUUUUUUUUUACCCGCUAAG
SG             ******AUGUUCAAGUCUAUCCGUCUACUAAGCCUACUACUA***CACGUAGAAUUGAUGCGCGGCAGGCUGGUGUGCACGGUAUUCAGAACUGAAUUCGGGCCACUCCAGAUU******************AAAACCCGCGCACUACU**GCGCGGGUUUUUUUAUGCCUGGCGUG
Plu            ******AUGAUUCACUCAAUUUGUCUACUAAACCUACUACUC***AUCGUAUCUGAUAUGCGCGGUAUGCUGGUGGACAGAAAACAGAGUUGAUUCAAAACAGAGUUGGUCCAAACCAGACAUUAACAAGAACCCGCGCCAA*****GCGCGGGUUUUUUUUACCUGCUGGGC
Ent638         ******AUGAUUCGUACCGUUCGUUCUCUCAGCCUACUACUACUAAACGCAUCUCUUUUGCGCGGUAGGCUGGCGCGAACGAAAUUCAACGUUGAUCGUCUCCAGUAAA******************CAAGAAACCCGCGCCAUU****GCGCGGGUUUUUUUAUGCU*******
ESA            ******AUGAUUCGCAUCGUUCGUUUCGCUGGUCUACUACUACUAAACGCAUCCUCAGUGCGCGGUAGACUGGUGCGCGACGUUCAGCGGUAACGCUUGAGUCAGGUCAUCAGAAAU*********AAAAAACCCGCGCCGCU****GCGCGGGUUUUUUUAUGCUCACGCAA
t              ******AUGUCAUAUAUCGUUCGUUUCACUGGGCUACUACUACUCAACGCAUUUAUUGUGCGCGGUAGACCGGUGGGCGGCAUUCAACAUUAAGUCAGCUCGAAGUCAAAC******************AAAACCCGCGCCGUU****GUGCGGGUUUUUUUAU**********
Sententer      ******AUGUCACAUAUCGUUCGUUUCACUGGGCUACUACUACUCAACGCAUUUAUUGUGCGCGGUAGACCGGUGGGCGGCAUUCAACAUUAAGUCAGCUCGAAGUCAAAC******************AAAACCCGCGCCGUU****GCGCGGGUUUUUUUAUGCCUGACGCA
STM            ******AUGUCACAUAUCGUUCGUUUCACUGGGCUACUACUACUCAACGCAUUUAUUGUGCGCGGUAGACCGGUGGGCGGCAUUCAACAUUAAGUCAGCUCGAAGUCAAAC******************AAAACCCGCGCCGUU****GCGCGGGUUUUUUUAUGCCUGACGCA
CKO            ******AUGAUUCGUAUCGCUCGCUUUAACGGUCUACUACUACUAAACGCAUCUUCGUUGCGCGGUAGACUGGUGAGCGACAUUCAGCAUUAAGUCAGCAUCAGUAAGAUU****************AAAAACCCGCGCCGUU****GCGCGGGUUUUUUUAUGCUCGAAGCA
HSM            ******AUGUUUGACAUUCUUUCUCUGUUACUCAAUUUACGACUAUCACAUUUCUUUGUGCGGAUAAAUUGUGGAACAAAGAAAUAUAGUUAAACAUGUCAGUU*****************************GACCCGCACAAGUAAAAUGCGGGUUUUUUUGUAUCUAAAAUC
NTHI           ******AUGUUUCGUAUUGUUUCUUUAUCUCUCAACCUGCUGCUCUCACAUUUUGCGUGCGGCUAAGUUGUGGAUAAAAAACAGUCAGAUGUAAAUACCCAAUUUU***********************AAACCCGCACUUUAUAAGUCGCGGGUUUUUGUCUAAAAAAUAC
PM             ***************AUGUGUUCUUUAUCUCUCAACCUUCUGCUCACACAGUCAUUGUGCGGCUAGGUUGUGGAUAAAAAACAGUAAAAUAUC*************************CCACAAAUUAGACCCGCACAUGU****AAGCGGGUCUUUUUUUAUGAAAACGA
Sfri           ******AUGAACACACAAUCAGUUUUACUCGGACUCCUUCUCCUCUCA**CGCAUAUCCUGCGCGGAGUCCUUUGUGUUACAUGCAAAA*UAAUUCAUUAAGCAUACAC*******************AAACCCGCGCUAAU**AGUCGCGGGUUUUUUUUAGCCCUUUUG
Sden           ******AUGAAACACACUUACUUGCAACUCGGACUCCUUCUCCUCUCU***GACAUUUUUGUGCGGAGUGUGUGGUGUUGCAAGUAAAACAGCAAAAUUAACACU**********************AAACCCGCGCUAAUC***GUCGCGGGUUUUUGUUUUUAGGCCCA
SO             ******AUGAAUAGAAUUAGCAGCAAACUCGACCUCCUCCUUCUCUCUCUCGCGCCAAAAACGCGGAGGUCUUAGUGUUGCUCGCUCGAUAGAUAGGCAAAACACUCAU*******************AAACCCCCGCACUAAU***GUUGCGGGGUUUUUUGUAUCU******
Spea           ******AUGAAAUAUACCGAUGCACUACUAGGACUCCUUAUUCUCAUUCUCGCAGAACCUGCGCGGAGGACUUAGUGCUAUACGCUUUAAAAUGAGCCUGCAUUAAU*********************AAACCCCGCAAAUA*****GAGCGGGGUUUUUUGUAUUUUAAUCG
Sama           ******AUGAAUAGAAUUGUUUCACUAAUCAACCUCCUUCUCCUUACUCUCGCAAUCCCUGCGCGGAGGAAUUAGUGUCGCACGCUCGCUAGCCAAGCAAAGCCUUC******************ACAAAACCCCGCGCCAACC***ACGCGGGGUUUUUUGUUUUCAAACAC
Swoo           ******AUGAAUAUUAGCCGUGCAUUACUCAACCUCCUCAUUCUCAUUCUCGCAGUUUCUGCGCGGAGGAUGUAGUGUUGCACGCUUGAUUAGAGUCACCAACAUUC*******************AAAACCCCGCGCUACGAA**UCGCGGGGUUUUUUGUUUUUGUACCC
Shewmr4        ******AUGAAUAGAAUUAGCAGCAAACUCGACCUCCUCCUUCUCUCUCUCGCGCCACAAACGCGGAGGUCUUAGUGUUGCUCGCUCGAUAGAUAGGCAAAGCAUU*******************CACAAACCCCGCACCAAUG***UUGCGGGGUUUUUUGUAUCUGAAUAC
Sbal195        ******AUGAAUAGAAUUAGCAGCAAACUCGACCUCCUCCUCUCUCUCCUCGCGGUUUAUACGCGGAGGUCUUAGUGUUGCACGCUCGAUAAAUAGGCAAAGCAUU*******************CACAAACCCCGCACCAAUG***UUGCGGGGUUUUUUGUAUCUGAAUAC
Sput           ******AUGAAUAUUAUUAGCCGCAAACUCGACCUCCUCCUCUCUCUCCUUGCGGUUUUAUACGCGGAGGUCUUAGUGUUGCACGCUCGAUAAAGAGGCAAAGCAUU*******************CACAAACCCCGCACAAAUG***UUGCGGGGUUUUUUUGUAUCUGAAUAC
Shew           ***AUGACGACUAUUAACCGUGCACUCCCUCAGCCUCCUUAUUCUCAUUCUCGCAGGUCCUGCGCGGAGAAUGUAGUGUUGCACGCUUAAUAACACACCCAUCAUU*******************CAUAAACCCCGCGCCCAAC**AACGCGGGGUUUUUUUGUUUAUGGAUU
Ssed           ******AUGAAAAUUAAAAGUGCAUUACUCAACCUCCUCAUUCUCAUUCUCGCAGAUUCUGCGCGGAGGAUGUAGUGUUGCACGCUCGAUAGAAGUACCAGCAUU*******************CACAAACCCCGCGCUAAC**AACCGCGGGGUUUUUGUUUUAUAUCCC
Ping           *********AUGAAAUUGUUCUGCCCUAUCCUGCUAUCCUUACUCCUGAUGCAAAAUGCGUACGGGUGAUCGGUGGCUGAAUAAAAUCAGUUAAAUUUCC***************************AAAAACCCGUGCCCU*****GCGCGGGUUUUUUUAUAUCCAUAAUA
CPS            ***AUGACCAAAUUGAUUAAGCACAUUAAAAACAACCUCCUCCUCGCACUCAUCGU***GCGCGGCUUAGGUUUUGUUGCUUCUUCAAAAGUUUAAAUAUUGAGAACUAAGUA******GAAAUAAAAUAAAACCCGCGCUAAC**AAUCGCGGGUUUUUUUAUGUCCGCAGUU
MADE           *********AUGCGUAUUCGUUUUCUUCUUCUAUCUCUACUCCUUAUGGCAGCCAGACUGCACGGGUAGAUUGCGACCAGCGAUUCAAAUUCAC*********************************AAAAACCCGUGCCAA*****GCACGGGUUUUUUUUUAACUAUUUAA
ATW7           AUGCAAAAUAUUCGUUUAAUUACACUAAAACUUAACCUCUUACUGCUAUGGCAAGUAA*GCGGGGAUUAGUGUGUUUGCAUUGAGUUGAACAUU*********************************AAAAACCCCGCAAUU*******GCGGGGUUUUUUUUUAUCUCGCGGC
PSHAa          AUGCAUAUUAUUCGUUUAAUUACACUAAAACUGAACCUCUUACUGCUAUGGCAAGUGA*GCGGGGAUUAGUGUGUUUGCAUUGAGCUAAACAU*********************************AAAAAAACCCCGCACUU*******GCGGGGUUUUUUUUAUCUCGCGGU
PTD2           AUGCAAAUAACAUCAUUAUUAACACUGAAUAUUAAACUCUCUCUUUACUUAAGAGCGAUGGGGUUUAGUGUAUUUGCAUUAAGAGAUACGUUAC*********************************AAAAACCCCGCUUUA******GUCGGGGUUUUUUUAUGUCUAUAAA
Pat1           ************AUGACAUCAUUACUACUAUCAACUCUACUUCUGCUGGCAGCAAGACUGCACGGGUAGGUUGUAAGCGAAACGCAAACAAUAACU*********************************AAAAACCCGUGCUUAGC**AGCACGGGUUUUUUCGUUUAAGUGCCU
VC0395         ************AUGCGUUUUUCUCUCCUGCUAGGCCUACUACUGAUCGUGGAACCAUCACGCGGGUAGGCUGUGGACGAAAAACACCACACAAGAU*****************************AAAAAACCCGCAGCUGA*****UGCGGGUUUUUUUAUAGCCGAUUUU
VV1            ******AUGACAGCACAUUUUUCUUUCCUACUGAACCUCCUCCUCAUCGUGACAAGAUCGCGCGGGUAGGCUGUGGAAGAAAAAUAAACCACACAGAAUAACAACU***********************AGCCCGCACAUCG****AUGCGGGCUUUUUUAUAUCCAAACAC
VAS14          ******AUGAAAAAACGUUUCUCUUUACUCCUUAGCCUCCUCCUUAUCGUGACUUAAAUCGCGCGGGUUGCUUUUGAGUGGGAAACGCCACUAAAGAUUUU***************************AAAACCCGCGCAACU***UGCGCGGGUUUUUUCAUAUAUCGACUA
VSAK1          ******GUGUCAUUACGUUUUUCUCUACUCCCUGAACCUCCUCCUUAUCGUGAAAACAUCGCGCGGGUAGGUUGUGGACGAAAAACACCACUAAGAAUUCU***********************AAAAAAACCCGCUUAGAC****AAGCGGGUUUUUUUAUAUCGAUUGAA
VEx2w          ******AUGUCAGCUCAUUUUUCUAUUCUGCUUAGCCUCCUCCUGAUCGUGACCAGUUCGCGCGGGUAGGCUGUGGAAGAAAAAUAACCACACCAAUUUCU**********************AAGAACCCGCAUGAGA****AUGCGGGUUUUUUUAUAUCUAAAUAC
V12G01         ******AUGUCAGCUCAUUUUUCUAUCCUGCUUAGCCUCCUCCUGAUCGUGACCAGUUCGCGCGGGUAGGCUGUGGAAGAAAAAUAACCACACCAAUUUCU**********************AAGAACCCGCAUGAGA****AUGCGGGUUUUUUUAUAUCUAAAUAC
A1Q            ******AUGUCAGCACGCUUUUCUAUCCUGCUUAGCCUCCUCCUUAUCGUGACCAAUUCGCGCGGGUAGGCUGUGGAAGAAAAAUAACCACACCAAUUUCU**********************AAGAAACCCGCAUGCAA****AUGCGGGUUUUUUUAUAUCUAAAUAC
VP             ******AUGUCAGCUCAUUUUUCUAUCCUGCUUAGCCUCCUCCUUAUCGUGACCAGUUCGCGCGGGUAGGCUGUGGAAGAAAAAUAACCACACCAAUUUCU**********************UAGAAACCCGCAUGAAA****AUGCGGGUUUUUUUAUAUCUAAAUAC
VF             ******AUGAAAACAGUAUCUUCUUUUGCUCUAAACCUCCUCCUGAUCGUGAACAUCUCACGCGGGUAGGUUAUGGACCAAAAGAAACCAUAAACCAAAUUUU**********************AAAACCCGCUAACCA****UGGCGGGUUUUUUUAUGGAUAUCCGU
V12B01         ******AUGAUUUUUUCUUCUUCUCUACUGCUGAAACUUCUCCUUAUCGUGAACCAAUCGCGCGGGUAAGUUGUGGGUCAAGAACUACACAAAUAUU*******************************AAAACCCGCACUGA*******GCGGGUUUUUUUGUAACUGGCACU
VSWAT3         ******AUGAUUUUUUCUUCUUCUCGACUGCUGAAACUUCUCCUUAUCGUGAACCAAUCGCGCGGGUAAGUUGUGGGUCAAGAACUACACAAAUAUU*******************************AAAACCCGCGCUGA*******GCGGGUUUUUUUGUAACUGGCACU
SKA34          ***************************GUGGUGGCACUCCCUACUUACGGGCAGUGUGAAUAGCUGUAAUUCAGCAAAAUAACAA*****************************************CGAGCCCGCCAUC*****AAUGCGGGCUUUUUUUAUGAAAACGGCGAAU
PBPRA          ******AUGAAAAAUCGUUUCUCUUUACUCUUAAGCCUCCUCCUUAUCGUGAAUAAUUCGCGCGGGUAGCUUAUAGGUGAGAAACACCACAUAAGAAUCU***************************AAAAACCCGCGCAGUC***UGCGCGGGUUUUUGCAUAUUACAGAGC
ASA            ******AUGCAUAUUGCCGCUCCGCUACUACUACUCUCCCUA***AUCGCGACCAGUC*GCGCGGGAUCCUUGUAGCCGGGCUCAGGCAUAGCCGGAAUUUAC************************AAAAACCCGUGCACCCU***GCACGGGUUUUUUUAUGCCGCCGCAG
AHA            ******AUGCGUAUUGCCGCUCCGCUACUACUAAUCUCCCUA***AUCGCGACCAGUC*GCGCGGGAUCCUUGUAGCCGGGCUCAGGCAUAGCCGGAAUUUAC************************AAAAACCCGUGCACCCU***GCACGGGUUUUUUUAUGCCAACGCAG
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