

Fig. 34. Classic attenuation regulation of gene *leuA* in γ -proteobacteria. Designations as in Figure 4.

KPN *****AUGAUUCGCAACCGCUCGUAUACACAGCCUACUACUACUAAACGCAUGCCAUUUGCGCGGUAGGCGUUGGGGACGUUCAGCGUAAAGUCAUCUCCAGCAAGACUUAU*****AAACCCTCGCCUUG***GCAGCGGUUUUUUUU*****
ECA *****AUGUUCAGUUUACUGUCUACUAAAGCCUACUACUAAACGCAUCCUUCUUGCGCGGUAGGUUUUGGGCAGACUUUAGAAUUCUCGCCACACGUAUAC*****AAAAACCCCGCCUAGU***GCAGCGGUUUUUUU*****
EcE24377A *****AUGACUCACAUCCGUUCGCUUUUACUGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGAGGAGGAGCGGAGCCAGCAUUAAGCCAGCAGCAGUCAAAC*****AAAAACCCCGCCCAUU***GCAGCGGUUUUUUU*****
SbBS512, S, SSON *****AUGACUCACAUCCGUUCGCUUUUACUGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGAGGAGGAGCGGCAUCCAGCAUUAAGCCAGCAGCAGUCAAAC*****AAAAACCCCGCCCAUU***GCAGCGGUUUUUUU*****
SDY *****AUGACUCACAUCCGUUCGCUUUUACUGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGAGGAGGAGCGGCAUCCAGCAUUAAGCCAGCAGCAGUCAAAC*****AAAAACCCCGCCCAUU***GCAGCGGUUUUUUU*****
Spro *****AUGAACUACUUCUCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGAGUUCAGAGCUGAUUCAGCCACCUCUACUAAAC*****AAACCCTCGCCUACU***GCAGCGGUUUUUUU*****
YPIP275 *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YpsIP3175 *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YE *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YberA *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YfreA *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YmolA *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
YintA *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
SG *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
Plu *****AUGAUUCACUCAUUUGUCUACUAAACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
Ent638 *****AUGAUUCGUACCGUUCGUCUCAGCCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
ESA *****AUGAUUCGCAUCGUCGUCUUCGUGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
t *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
Sententer *****AUGUCACAUUACUGUUCGUCUUCACUGGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
STM *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
CKO *****AUGAUUCGUACCGUUCGUCUCAGCCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
HSM *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
NTHI *****AUGUUCGUAUUUGUUCUUAUCUCUACACCCUUCGUCUCUACAUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
PM *****AUGUUCUACUCAACCCGUACUACUAGCCUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
Sfri *****AUGAACACACAUCAGUUUACUCUGGACUCCUUCUCCUCUCAACCGCAUAUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
Sden *****AUGAAACACACUUCUUCGUCUUCACUGGGCUACUACUACUAAACGCAUCUUCUUGCGCGGUAGGCGGUGGACGGAUAUCAAGAUUAAC*****AAGCCCGCCGCAAU***GCAGCGGUUUUUUU*****
SO *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Spea *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Sama *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Swo *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Shewmr4 *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Sball195 *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Sput *****AUGAAUAGAAUAGCAGCAAACUCCGACUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Shew *****AUGACGACUAUUAACCGUGCAUCCUCCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Ssed *****AUGAAAUUAAAAGUGCAUACUACUACUACUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Ping *****AUGAAAUUUGUUCUGCCUACUCUGCUAUCUUCUACUCCUGAUGCAAAUUGCGUACGGGUGAUGCGGUGGUCGAAUAAAUCAGUUAUUUCC*****GAAAUAAAUAACCCCGCCUAAU***GUAGCGGGUUUU*****
CPS *****AUGACCAAAUUGAUUAAAGCACAUAUAAAACUCCUCCUCCGACUACUUCG*****CGCGGGUAGUUGUUGUUCUUCUAAAAGUUAUAAAUAUUGAGAUAUAGUA*****GAAAUAAAUAACCCCGCCUAAU***GUAGCGGGUUUU*****
MADE *****AUGCGUAUUCGUUUUUUCUUCUUCUACUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
ATW7 *****AUGCAAAUUAUUCGUUUAUUAACUAAACUUAACUUCUACUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
PSHAa *****AUGCAUUAUUAUCGUUUAUUAACUAAACUUAACUUCUACUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
PTD2 *****AUGCAAAUUAUUAUUAUUAACUAAACUUAACUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
Pat1 *****AUGACAUUAUUAUUAUUAACUAAACUUAACUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VC0395 *****AUGCGUUUUUCUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VV1 *****AUGACAGCACAUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VAS14 *****AUGAAAAACGUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VSAK1 *****GUGUCAUUAUUAUUAUUAACUAAACUUAACUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VEx2w *****AUGUCAGCACAUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
V12G01 *****AUGUCAGCACAUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
A1Q *****AUGUCAGCACAUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VP *****AUGUCAGCACAUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VF *****AUGAAACAGUAUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
V12B01 *****AUGAUUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
VSWAT3 *****AUGAUUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
KSA34 *****AUGAUUUUUUCUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
PBPRA *****AUGAAAAUUCGUUUUCUUCUUCUUCUUCUUCGCGCCAAAACCGCGGAGGUCUAGUGUUGCUCGUCGUAUAGAUAGGCAAAACACUACU*****AAACCCTCGCCUAAU***GUAGCGGGUUUU*****
ASA *****AUGCAUUAUUGCCGUCUCCGCUACUACUACUUCUUCUUC*****AUCGCGACAGUC*CGCGGGUUCUUGUAGCGGGUCAGGCAUAGCCGGAUUUAC*****AAAAACCCCGCCUAAU***GUAGCGGGUUUU*****
AHA *****AUGCGUAUUGCCGUCUCCGCUACUACUAAUUCUUCUUC*****AUCGCGACAGUC*CGCGGGUUCUUGUAGCGGGUCAGGCAUAGCCGGAUUUAC*****AAAAACCCCGCCUAAU***GUAGCGGGUUUU*****