

Рис. 26. Классическая аттенюаторная регуляция гена *ilvB*: а-б) у β -протеобактерий, с) у δ -протеобактерий. На рисунках б и с обозначения такие же, как на рисунке 4. На рисунке а желтым цветом помечен секвестр и зеленым – предположенный иницирующий кодон гена *ilvB*. У δ -протеобактерий выравнивание отсутствует.

а)

BP	GUGCUC AAGGCCGCCAUCGAGUACGGCGGCCCGGCG CUGGUC GAC AUCAUCGUC CAGCCG CUG CAGGAAGCGGCGGCCCG GUC AGCCAGUGGAUGGGC UGA GCCCCGUU CC UCG AACA CGA CAC GGGCGGGC ACA UG ACCAGAACAGAACCGGACCAACCGAUGGGCGGGCUCCGG
BB	GUGCUC AAGGCCGCCAUCGAGUACGGCGGCCCGGCG CUGGUC GAC AUCAUCGUC CAGCCG CUG CAGGAAGCGGCGGCCCG GUC AGCCAGUGGAUGGGC UGA GCCCCGUU CC UCG AACA CGA CAC GGGCGGGC ACA UG ACCAGAACAGAACCGGACCAACCGAUGGGCGGGCUCCGG
BPP	GUGCUC AAGGCCGCCAUCGAGUACGGCGGCCCGGCG CUGGUC GAC AUCAUCGUC CAGCCG CUG CAGGAAGCGGCGGCCCG GUC AGCCAGUGGAUGGGC UGA GCCCCGUU CC UCG AACA CGA CAC GGGCGGGC ACA UG ACCAGAACAGAACCGGACCAACCGAUGGGCGGGCUCCGG

б)

Bpro	***** AUG UUCGAAAAACAGUCGUUUCGAG GUCUUG CGACGGCGAAACCAGUCCAGGG GUGGUGUUG GACAAGAUGCGC UGAA ACAGCAUGGGGAGUUC GGCG GCAGGCUUGUCGCCAUAGUGCUG CGCCAGCUUC AUCAUGCUGU CCUGAACAAUauc
azo	***** AUG UUCGCUUCCGCUUCC CUU CCUG GUCGUA AGCC CUG UCC GUA CGCG GUAGUAGU AGGC GUA GGCGGUCGCGCGUCG UAG CGGAUAAGGGCACAGGCAAAACCAGCAUCCCC AACCCCGCCGGCG CGAAA UGCCGGCGGGGGUU UUUGUUUUUC
Daro	AUG AACGCUCCCCGUACCGCCACCGCUCCAACACUGCCCGCGCA GUGCUG CC GUGCUCGUA CGUG GUAGUCGUCGUA AGC GUCGUU ACGGACACGCCGUC CGG AUC GGG UAA GCAGAAGCAGCACAGAACCC* AACCCCGCCGGCGC *AAA CCGCGGGGGUU UUUGUUUGGC**

с)

STIAU	GUG CAGGCC CUCGUC CC GUAGUA AGGCGGAGAG CUCCUUCUU GCGCGC CUUCUU GCGCAUGGGGGCGGGCCGCCGUUC UGA GUCGGGAGAAUCCUCCCCAGGCCGG AACGAA UC AGCCCCGC CCCGGAAACGGU GGCGGGGUUUCGUU UUUCGGCUCCCAAAACCCGUGAUUCG
DP	AUG GCUAUAUACUUC GUAUUGUA UACUUUUAUGCUUU CUCCUUUG GCA AUC CCG UAA CAAAAA AAAGGCC CGGUU UUUC AACCGC GGCCUUU AGAUCAACUUAUAUAGUAGACAAACAAACUAAUAAUUCUCUCCAGACCGCGCAAGGGCGGAGCAUAUAUAGGCAUGCU
Gura	***** AUGGUC CCUGCCGGGCAUCG CUG ACCGAG AUGGUGCUC GCAUCC UGA GGUAAUGUUCGUAGAGGCGAUCCUCGUGAUCCGCCGAUUGC GGGCGAGU ACAAG AUUCGUCC CUACAGCGAUUUCGAGGAUUUUC
Ppro	***** CUGGUGAUUUUG UCAUUUCUGAUCCC UGA AAUGAUUGUCUCUGUGU CAGAC GUUUUU CCAG GAGAACUCUG UGCCCUUGUGGCUAGUACAUUUCCCGGUUCAUGUUUGCGGAUGGAGUGAUGGU
Sfum	AUG CGUCGCCCGCGAGAUUGAGCGGGGCA GUC GAUCAG CUCUUGAUU UUCGGA GUC AAUCCAUCA UUAUAA AGGACCUUUA AUCUGGAGCUCAC CGGCGGCGAUGCCAUCA CGA CGAA GUGGG CAG CAC CAGAU GUG GACC GCCCA GUUCUUCG AAU