

Рис. 30. Классическая аттенуаторная регуляция гена *ilvD*: а) у актинобактерий, б) у Chloroflexi, с) у Bacteroidetes/Chlorobi. Обозначения такие же, как на рисунке 4.

а)

CE **GUGCCACCAUCCAGUGUGACGGUGUGAUUCGAACCAGAGAACCGAUCGCCGUCGGACAUCUUAUUCUGCUUUGGAUUCGCGCCUCCAGCC**ACCUCACCCGGUCCGGGCAUGGUAGAGCGGC**AUCCGAG**AUUUUUCCUUU

б)

Haur **AUGAAUAUCGUCCCGUUUAUUAUUAUAGCAACCUCCUAGCCUCGUAUUCGUCGUAUUCGCGGUCACUUUUGUGUGGGAGGGGCUAA**CAAGCCUCGCGGUAGUUCAAAAGAACUC**AGCCCCUCCCAUC**GGGAGGGGCUUUGAAUUUGUAUUAAGUUA

с)

BDI *******AUG**AACAAC**GUAUUGCAUUAUAUUCUCGUGGUGGUC**CUU**CUAGUCAUU**AGUAGG**UAA**GGAGAAAGGUGUGUAAGAAGUUGUAAGUCGUA*****GAGAUUUUCUU**AGCCUUUCUCA****UAUA**GGGAAAGGCUU**UUUUUAUU
 PARMER *******AUGAUG**AACA**AUGUAUUGCAUUAUAUUCUCGUGGUGGUC**CUU**CUAGUCAUU**AGCAGG**UAA**GGAGAAAGGUGUGCAAGAAUUGUAAGUCGUA*****UAAAGAUUUUCUU**AGCCUUUCUCA****UACAGAGAAGGCUUUUUUAAUA
 BACOVA *****AUGUUA**CAUACAUCU**AUAACCUAGCAGUCCUGCAUUAUAUUCGCGUCGUGGUGGUC**CCAUCAAG*****AGCG**UGAGAAAGGUUUUGUGUUGUAUGU**UCGUACCAUAAAAGAUAGAAUUU**AGAGCCUUUCUCAC**UUGU**GUGAGGAAGGCUCU**UUAAUUA
 BACCAC *****AUGUUA**CAUACAUCU**AUAACCUAGCAGUUAUUCGCGUCGUGGUGGUC**CCAUCAAG*****AGCG**UGAGAAAGGUUUUGUGUUGUAUGU***GUUCGUACCAUAAAAGAUAGAAUUU**AGAGCCUUUCUCAC**UGAU**GUGAGAGAGGCUCU**UUAAUUA
 BF **AUGAAUAUCAUCAUCAUAUAACCUAGCAGUCCUGCAUUAUAUUCGCGUCGUGGUGGUAU**CCAUCAAG*****AGCG**UGAGAAAGGUUAUGUAUGUAUUCG*****UACAGAUAGAAGAUAGAAUUU**AGAGCCUUUCUCAC**UACAG**GUGGGAAAGGCUCU**UUACUUA
 BVU **AUGAAUAUACUACUCUAAUAACCUAGCAGUCCUGCAUUAUAUUCGCGUCGUGGUGGUCACACUGG*******AGCG**UGAGAAAGGUUGUGUAUGUGUAGU*****UGUACAUUAAGAAGAAUAAU**GAAAGCCUUUCUCACA***UG**GUGAGGAAGGCUUU**UCAUA
 MED217 *******AUGAAAACAGCAAUUCGUGUAC*******GUUCU**AUUAUUGUCAUU**AACGGUAGU**UGAU*********CGGGAACGUCAUUUUAAUAAUAGCCUUCCGUUAA*****AC**UGGAAGGUUU**UUUUUUGA
 SCB49 *******GUGUCAUUAUACCAAUUCUAUUAUAGCCACUA*********CAGAAGCCAAACAAAAGGAUUUGA*********CGAAGCUCUUUUACUAG**
 CT **CCCCUCCUCUCCGGUAUUACCCUUACCGUAUCGUAACCGCUUGUACACGUA**CGAA**AUUAUCGUA**GCC**UGA**CCCGCGUCAGCCCGUUUCCAGGUCCAUCGUAUUUU***CGCGACAUAUCAUC**AGA**CUU**CAAGGC**UUCGGGACAGGCAGG**CCCGGA**CUUUUGUUUUC