

Рис. 25. Классическая аттенуаторная регуляция генов *ilvB* и *ilvI* у α-протеобактерий. Обозначения такие же, как на рисунке 4.

RD1_ilvB	*****AUGACCGAACUAGUCGUCAUUGUGAGAAACACGCGCAUGGGCCGGUAACGGUAGACCAUAGUCUG**ACCCAUGCGCCCCG	CC*****AAGACCGGGGGCUUUUUUGUGCGCAAAAGAUAAACGGGC
RSK20926_ilvB	*****AUGAAAGCCCUGAGUCGUAAUCGUAGGAACCAAGCGCAUGGGCCGGUAACGGUAGACCAAAUCGA**ACCCAUGCGCCUC	CCUG*****ACAAAGCGGAGGCUUUUUUAUGCGUAACAGACGAUGUC
RTM1035_ilvB	*****AUGGACACACUCGUAAUUCaucGUAGGUAAGUGGCGCAUGGGCCGGUAACGGACACCCUUCGGGUC**CCCCAUGCGCCCCG	G*****AAAAACGGGGGGCUUUUUUAUGCGACUUGAAUUGACGUC
NAS141_ilvB	*****AUGACAGAUcUAGCUUUGACAGAUaucGUCGUCAUUCUAAGACACACGCGCAUGGGCCGGUAACGGCAGACCAUAAUAGU**CACCAUGCGCCCCG	UC*****AAAAUCGGGGGCUUUUUUUGCGCAACGUUUUUUGAU
TM1040_ilvB	*****AUGGCUCGGCUAGUCGUAAUUGUAGGACACACGCGCAUGGGCCGGUAACGGUAGACCAUAAUCGA**ACCCAUGCGCCUCCGAU	CC****UCAAACACGGGGGGCUUUUUUAUGCGAUACACACUGACGUU
OG2516_ilvB	*****AUGGCCGACGUACUCGUACUUAUCAGGGAUUGGCGCAUGGGCCGGUAACGGUUGACCAUUCUGUACCCCAUGCGCCUCCGAG	*****AAAGUUCGGGGGCUUUUUUGUGCGUGAAACGACGGACGU
OB2597_ilvB	*****AUGACCUCGCUAGUGAUcGUAGUAGGAGCUUGGCGCAUGGGCCGGUAACACCGGAACCCCAGAGGACCCCAUGCGCCCCCG	G*****AAAACUCACGGGGGGCUUUUUUGUGGUACGGUACGGCGAUU
SKA53_ilvB	*****AUGAUUGUCGUCGUACUAAUCGUGGAUCACAUGCGCAUGGGCCGGUAACGGGAUUUCCAUAAUGA**CCCCAUGCGCCCCCGA	C*****AAAAUCGGGGGGCUUUUUUAUGCCGGAUGCAACGAAACG
SSE37_ilvB	*****AUGAUCACUCUAGUAGUcAUcGUAGGAGAAAGCGCGCAUGGGCCGGUAACGGGACACCCUACCAGGUCCCAUGCGCCCCCGU	C*****AGCCGAACGGGGGGCUUUUUUUGCCCGCUGCCACGUGGC
Dshi_ilvB	*****AUGCCCCGUAUUGUGGUACUCGUAGAAAAACAGGCGCAUGGGCCGGUAACGGGACACCCUCCGAU**CCCCGUGCGCCCCG	G*****AAAACGACCGGGGGCUUUUUUAUGCCCAACCGCAACGACCC
Jann_ilvB	*****AUGUCCGACAUUCUCGUACUUGUAGGACAAAGCGCGCAUGGGUCGGUAACGGCAUCCAUAUUGGA**ACCAUGCGCCCCCGGA	G*****UAACCUCGGGGGGCUUUUUUUGCAUUAUAUUAUCGCACA
RsphI7025_ilvB	*****AUGCCUGGUGUCGUACUUCUUGUAGGAAAGCUGCGCAUGGGCCGGUGACGGUUGACCAUAAUCGU*UUCCCAUGCGCCCCG	G*****AGUGAAACCGGGGGCUUUUUGUGCGCGGAUCGCGCGGCC
RB2654_ilvB1	*****GUGGAAAGCCUUGUAGUcAUcGUAGGGAUAUAGCGCGCAUGGGACGGUAACGGACCCUGAA**GGUUCCCAUGCGCCCCGAC	G*****AGAAAAUCGGGGGGCUUUUUUAUGCCGGAGAUACGGGCGC
RB2654_ilvB2	*****AUGAACGACAUCCUCGUCCUAGUCAGAACCAAGCGCAUGGUC	CGGUAACGGAAUCCAUA*UGGAAACCAUGCGCCCCGAC*****AAUCGGGGGCUUUUUUAUGUUAAAGACGUCAAGU
FP2506_ilvB	*****AUGACGAACACGACCAUUCUCGUAAUCGUACGAAGGCGCACACGACCCGGCAGCGUAGCUGCCAGGCGAAUGCCA	CAGUGUGCG*GAAGACAGGGGCUCCAGAGGGCCCUUUUUUAUGCUUGCACUUGGUCGGAA
BAB1_ilvB	*****AUGAACACGCAUUAUUCUUGUAGUACGGGCGCGCAUGGGCAGGUGUGUAACACCCCGCGAAAGCU*CCCAUGCGCGAAAGAC	AGGCUC
Oant_ilvB	*****AUGAACACGAUUAUUAUUCUUGUGGUAACGGGCGCGCAUGGGCAGGAUGGUGUAACCAUCCGGCGAAAG*CUCCCAUGCGCG	AAAGACAGGCUC
SI859A1_ilvB	*****AUGACAAAGAUCAACAUUCUCGUAGUAGGACGGCGCACACGCGAGGCGGUCUAGGGACCGCCCGCGAGA*GCCACGUGUG	CGCGAACUCAAAGGGCC
SIAM614_ilvB	*****AUGUCGCUCAUUCUAGUAGUAGUAGGAAAGCGCGCCUCCCGCGGCGGGAUGAAACCCCGUACGGA***CAGGAUGGCGCGCG	GACC
Atu_ilvI	*****AUGAAAAAUUUUACGCUACUUAUCGUGGUGGGACGGCGCAUGGGCAGGAGUGUAUAAACCAUCCGGCGAAAG*CA	CCCAUGCGCUGAAC**GAGGCUC
SMc_ilvI	*****AUGAAAAAUUUCGCGGUUAUUCUUGUGGUGGGACGGCGCAUGGGCAGGUGUGUAACCAUCCGGCGGUAGCCA	CCCAUGCGCUGAAC**GAGGCUC
RHE_ilvI	*****AUGAAAAUCGCAACGGCUCUUAUCGUGGUGGGAAAGCGCAUGGGCAGGAUGGUGUAACCAUCCGGCGACAGCCAC	CCCAUGCGCUGAACAGGCUC
ml_ilvI	*****AUGAAAAAGGCACUUAUCCUGGUGGGAAAGGCGCGUGGGCAAGGCGGUGUAACCGCCGGGCGAAACCU	CCCAUGCGCAACACAU*AGGCUC
BRAD_ilvI	*****AUGCGCAAUUUUAUUGCCAUUCUCCUUAUCGUAGUCGUACCCAGGCGCAUCGCGCGGGGAUGGCUAGCGGCCAU	CCAAAU**CCGAGCGGUGCG**AGGCCU
blr_ilvI	*****AUGCGUAACAUUAUUAACCAAUCUCCUUAUCGCCGUCGUACCCAGGCACACCGCGGGGAUGGCUAGCUGCCA	UCCAUUG**ACAGGCGGUGUGCAUGGGCCU
Xaut_ilvB	*****AUGCGCAAGAUcGUUAUUCUUCUCGUAGGGUGGGCGGCCACUUUUUGUCCAGCCUGAGGGGCGUGGAC	GAGGGGCC*UUCGGGCCCCU
Mext_ilvB	*****AUGCGCACGGUUCUUAUCGUAGUGGAAGCGCCACAGACGGGCGGGGCUUGAUUCUAAGCCUGACAGGCCCGGUC	GUGGGCGAUGCAGGGUCCUC*GGGGCCU
M446_ilvB	*****AUGCGCGCGGGUCUUAUUGUAGGGUGGGCGGCCACGGACGGGCGGGGCUUGAGAGAGACAGCCGUGAGCCCGCGGUG	CGCAUG*CAAGGGUCCUUC**GGGGCCU
AZC_ilvB	*****AUGCGCAACUUAUUAUCCUUCUUGUACGUGAGCGCGCCAUcGUCGCGCGGCCUGACGGGCGCGCGAU	CAGGGGCC*UUCGGGCCCCU
CC_ilvI	*****AUGAUcGUACUUAUGGAGCGGCCGUUCGCGGGGUGACCUCGAAGUCACG*UCGUAGCU	CGGUGCGCGCAAGAGGUCCU**UCGGGACCU
Magn_ilvB	*****AUGCGCACGGUUCUUAUCGUAGUGGAAGCGCCACGGACGGGCGGGGCUUGAGGACAAGCCCGGCA*GGCCCGGUC	GUGGGCGAU*GCAGGGUCC
RPE_ilvB	*****AUGCGCAAUUUUGUUAACCAACUCGCUUAUCAUcGUACCCAGGCGCACCGCCUUGGUGGGCUGACGCCAU	CAUGA*****CAGGCGGUGUGACGGGCCUG****ACGGCCU
NB311A_ilvB	*****AUGCGCAAUUUUGUUAUCAAGAACCUGUUCUGAUCCUCGUACUCGGAAACAGCGGCCAGGAUGGC	UAAGCCGUCGGAAGGA*****AAGGCGGUGUGCCGGGCC**UUCA
Nwi_ilvB	***AUGCGUAUUUUGUUAACAGAGAUcUGUUCGGUGGUCGUCGUUUCGGGAGUGCU	GUCUGGGCGGGUUGAGCUGUCCAAU*****CAAGGGCGGUGCGCGGGCCU****CCA
Nham_ilvB	*****AUGAGCAACUUUGUUAACCAAGAUcGUCUUGUUAUCGUCGUACCCCGGAGCACCGGCCCGGGGCGGCUGAGG	CCGUCCAAU*****CCAAGGCGGUGUGCCGGGCC**UUCAGAG
SAR11_ilvB	*****AUGGAUGUGUUGGUUAUAGACAAAAGAUCCAAGUGAAUUGGAUGAAAAAUUGAAGAAAUGAUUAACACAGAU	AGCCUGUUAUUUUGACUGUCUGUAGAUCAA
HNE_ilvB	AUGCCUGAACUC	CCAGAUGAGGAAACGCCAAGUGCGCGCAUAAAGUAGUAAUUCUUAAGUGCCCGUAGCUCUUGACCA*GGCAGUUGCGGGUGCGCGCA