

Рис. 36. LEU1-регуляция гена *leuA* у  $\alpha$ -протеобактерий. Старт-кодон и регуляторные кодоны гена лидерного пептида выделены полужирным. Стоп-кодон выделен полужирным курсивом. Левая спираль выделена зеленым цветом, правая – лиловым.

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Atu          UCGCCGUGCGGUGCACUCUCGCUUCUUAGCCCUCGACCUUACACGCGGUUGCCGGUCCAGUGAGGAGCG***CCCGCGGGCGAAACCCGCUGGCGCAACGCUCUCAUCUCGAAAUCUCAUUUUUAUACUGGAUUUAGGCUCUCA
SI859A1     *****CUCUCGCUUCUACGCCCUUCUCUUCUUAGCUGCGGCCGUCGGACCCGUUGACCUGAAGGGGGUCCCGGCGGUUCGAGCCGGCACUUGGUCCGACCCGGCCGCGCGCUCACCCCUUCGCUUUACAAGACGGUU
BR, BME, BruAbl GAUGUUUGCGUUCUGGACUCGCUUCUUACCCUCGGCCUUAGCGGCGAUCGCCGGGUCGUUGAGAGGAGC**GUCCGCGGUCGAUCUUCGGUCUCGCCGGACCUGUCUUCUUUCAGAAAACCAUAUAAUCGAUCAGCAUUUGUC
FP2506     *****GGCCCUUCUUCUCUAGACCGGACCGUCUGGCCGUUAGCAAGGGGGGUCAGGCGGUCGUCUCAGGUCUGACAGAGGGCUCUCUCGCCACGCAGACUUCGUCUUCAAAUCUCAAGACCGAUG
ml          GUGCGCGCGCUUGCUUCGACCCCUGCUUCUUCCGGCCCUUAUCGGCGAUCGCCGGGUUCGCUGAAGGAGCG**CCCGCGGUCGAACCGCGCGCAAGCCGCAUGUCUUGGCCAGUCUCAAAAUUGGCAGUCACAUCAAGCGAACGA
Meso       ACGGCUCGUGCGCUUUCCAGCCUCCUUCUUCCGGCCCUUAUCGGCGAUCGCCGGGCCGCUGAAGGAGCG**CCCGCGCAUCGAUCCCGUGAUCGUGGUCUGCUCUUCCGUCAGAAACUGGAUUUGAAGCCUUGACAGGCGG
RHE, RL    *****CUGACCUCGCUUCUUCUCCUCGGCCCUUACGCGCGGUUGCCGGUCCUUUGAGGAGCG***CCCGCGGGCCGAAACCCGCCGGCCAUCGUCUCGCAGUCACUUUCAAAUUGACCCAAUGACCGAAGGUCC
Smed       CCGUCGCGCCUUUCGCCUCCUUCUUCUUCCGGCCCUUAUUCGCGGUUGCCGGUUCGCUGAGGAGCG***CCCGCGGGCCGAAACCUUGCCGGCACAUGCUCUCCAAAUCAGACAAGCUGAACCAAUCGCGCGCCCGC
SMc        CCUGCGCGCCACCCGCAUCCCUUCUUCUUCCGGCCCUUAUCGGCGGUUGCCGGUUCGCUGAGGAGCG***CCCGCGGGCCGAAACCUUGCCGGCACCUGCUCUCGAAAUCAGAAAAGCUGAACCAAUCGCGCGCCCGC
Dshi       GCUGGCCACAGCGCGCGGGUGCUGCGCGUCUUCUUCUUCUAGCCCCUCUGAGCGUGCCG***UCCGGCGGACCGCUCAGAGGUAAUCCUGGCCAAUUCGCAGACAGACAGCUGAGAGCUUAC
Jann       GCAGCCCCCGCUGCAGCGGACCUGCUUGGUCUCCUUCUUCUAGCCGCCUCUGAGCGUGCCU***UUCGGCGGACCGCUCAGGGAGAGACACCGCGCCGAGACACCUCAAUCUACCGCUAAGGAA
SKA53     AUGGCACAGACAUCGGCACUGUCCCGCCCUCUACUUCUAGCAGCGCCUGAGCGUGCCU***UCGGCGGACCGCUCGGAUGGGACACGCCGAUACUGCCAAAGAUCAAAGGAAUAGUGAC
OB2597    GCGCGCGCGUCACGCGCGCCCGCCCUCCGCCUACUCCUAAUCCCCUCUGAGCGUGCCU***UCCGGCGGACGCUCAGAGGUAUGCCGUCUCGCGCCAUGGCUUAGGAGAAAGAGAGAA*
OG2516    UCCGCCAUUCCCGCGCGCGUCCCUCGGCCUCGUCUCUUACCCCCUCUGAGCGUGCCU**CAUCGCGCGACCGCUCAGAGGUAGCACCGCGCCGGAGACCCAGAGGAUAGACCACAU**
RB2654    AACCAGCCUUUGGCCGGUUUGCUGCGUAGUGCCCUUCUUCUAGUUGCCUCUGAGCGUGCC***UUGGGCGCGACGCUCAGGGGAUCAUCGCGCCAAUUAUCACACAACUAAGAACCUGAAA
Rsph17025 ACGCCCCUCCAGGCUGUGGCGUCCCGUGCGCUUCUUCUUCUAGCUCCUCUGAGCGUGCC***CUUGGGCGGACCGCUCGGAGUGACCACGCCCGGACCGAAGCUGAGGACACAGAGAA
RD1       ACCGCACGCACCCUCGCGGCCACGGCUGCCCUACUGCUGCUAAUCCGCCUCUGAGCGUGCC***UUCGGCGCGCCGCUCAGAGGUGAUGUGUUCGCGCCACGGAUUGAAGCACAGAACGAAAGA
ISM       *****CGUGCCCGCCCGCUUGCCCUACUGAUCUAAGCCGCCUCUGAGCGUGCAUUC*CUUGGCGGACCGCUCAGAGGUAUGGCCUUUCGCGCCGCU*****
RTM1035   GCCCUCGGCGCGACCUUGCGCUUGGCCCUCCGUCUUCUUCUAAUCCGCCUCUGAGCGCGCAGUCA*CCGGCGGACCGCUCAGAGGUAGGCAUCGUUCGCGCCGGCAGACACCAGGACGAAG***
NAS141    CGCGCUGCGCGACUUUCCUCGUGCCAACCUACUGCUGCUAAUCCGCCUCUGAGCGUGCCA***UCCGGCGCGCCGCUCAGAGGUGAUGUGCCCGCGCCACGGAUUUAACAGCAGAAUGAAAG
OM2255    ACGCAUAAUGCACUUUUAGCAUUAUCUGCACUCUUAUUACUGAGCUCCUCUGAGCGUUAUCUUUUGGGCGAAAGCUCAGGGGAUAGCAAUGCGCAAAUAUCUUAAGAAUAAUAAU***
amb       GUUUCCGCUCGGCUUUCGCCGGUCUCGUCGUCUGCGACUAACCGCGGUCGCCGGGGUAAGGUCAUUCGCGCCCGCCGGCGCCGAAAGACCGGGUCGCGCUCCCCAUACAGCAGUCAGACCAUAAGGAGGACCAGG
Magn      AUGUGUGUUCCGGCCUUCGGCGCCCUGGCUCUGCUGCGACUAACCAGCGGUCGCCGGGAUAAGGUCUUCGCGCCCGCCGGCGGCUCCAAAGACCGGGCGCGCUUUCUCAUCGCCAAAAAGAUCAAGGAGGACCAGGCC
Swit     *****AUGACGGCGCCGUUCGCCCUUCUUCUUCUCGACUUACGGCCCUUAGCGCGCGAUUUCGUUGGUCGAAACAGGCCCGCAAGCACGGCGUCUAAGGGUCCCGAGCGCGCAUUUCGUUGGGUCGAAACA

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