Lactobacillus phage TP901-1

Per Johansen et al (2003) Virol 311:144-156

AAAAACCTCTTTTTTATTTTGTATAAATAGATTATAGCGCATCT**TGAAC**AAA**AGTTCA**ACAAAAA**A**A**TTCA**TATTTCG**TGAACT**TTTTTGTTGACAAAGATAAAAACACATGATATACTAATTTCATAA**AGTTCA**TGAAACG**TGAACT**GAAAGAAAGGAGAAACATAA

Per Pedersen & Hammer (2008)

AAAAACCTCTTTTTTATTTTGTATAAATAGATTATAGCGCATCT**TGAAC**AAA**AGTTCA**ACAAAAA**A**A**TTCA**TATTTCG**TGAACT**TTTTTGTTGACAAAGATAAAAACACATGATATACTAATTTCATAA**AGTTCA**TGAAACG**TGAACT**GAAAGAAAGGAGAAACATAA

Lactobacillus phage A2 (lact-a2)

TAAAGTCTTGATTATTTCATCATTTGTTTTCATGTATCTCACCTCAAGAATGATTTTAAC  
ACC**GTTCCC**GATTGTGCACAATAG**GGG**C**AC**TAAAAAGCAATATCTGAATATTTTTTTGAA  
ATAATCGTTGACACA**TGGGAACA**CGGATGATATTCTTTAGA**TGTTCCCA**AAA**GG**A**AAC**GA  
AAGGAGGCAATCCAATGACACTAAATTTAAAACGTCTTCGCGCTGAACGTATCGCAAAAG

24921 cI repressor 🡨  
TAAAGTCTTGATTATTTCATCATTTGTTTTCATGTATCTCACCTCAAGAATGATTTTAAC  
ATTTCAGAACTAATAAAGTAGTAAACAAAAGTACATAGAGTGGAGTTCTTACTAAAATTG

ACCGTTCCCGATTGTGCACAATAGGGGCACTAAAAAGCAATATCTGAATATTTTTTTGAA  
TGG**CAAGGG**CTA**AC**A**C**G**TG**TTATC**CCC**G**TG**ATTTTTCGTTATAGACTTATAAAAAAACTT

ATAATC**GTT**GA**CA**CA**TGGGAACA**CGGATGATATTCTTTAGA**TGTTCCCA**AAA**GG**A**AAC**GA  
TATTAGCAACTGTGTACCCTTGTGCCTACTATAAGAAATCTACAAGGGTTTTCCTTTGCT

Cro 🡪 24660  
AAGGAGGCAATCCAATGACACTAAATTTAAAACGTCTTCGCGCTGAACGTATCGCAAAAG  
TTCCTCCGTTAGGTTACTGTGATTTAAATTTTGCAGAAGCGCGACTTGCATAGCGTTTTC

**Lambda**

5'-CTTTTTTGTGCTCATACGTTAAATCTATCACCGCAAGGGATAAATATCTAACACCGTGCGTGTTG-3'  
3'-GAAAAAACACGAGTATGCAATTTAGATAGTGGCGTTCCCTATTTATAGATTGTGGCACGCACAAC-5'  
  
5'-ACTATTTTACCTCTGGCGGTGATAATGGTTGCATGTACTAAGGAGGTTGTATGGAACAACGCATA-3'  
3'-TGATAAAATGGAGACCGCCACTATTACCAACGTACATGATTCCTCCAACATACCTTGTTGCGTAT-5'

TATCACCGCAAGGGATA

ATAGGGAACGCCACTAT

TAACACCGTGCGTGTTGA

TCAACACCGTGCGTGTTGA

TACCTCTGGCGGTGATAAT

TATCACCGCCAGAGGTAA

ATAGGGAACGCCACTAT

AGTTGTGCGTGCCACAA

TACCTCTGGCGGTGATAAT

ATTATCACCGCCAGAGGTA

TATCACCGCAAGGGATAA

TAACACCGTGCGTGTTGA

TATCACCGCCAGAGGTAA