

(A)

O395 GAGTGAAAATCTGCTTTTTCATTAGCCTTCAAAAACCTGTCAAGTTCA-ATTTATAGTGA
 N16961 GAGTGAAAATCTGCTTTTTTCATTAGCCTTCAAAAACCTGTCAAGATAACCTTTAGAGC--

-10 -35 -35 -10
 O395 TAAGTTATCCCAAAATATGGGATTGTAAA-CAGCTGTCCAAAAAACAGGGATTATAA
 N16961 TAAAATACAGCAACCAATGCGCCTTTCAAGACTAATGTACAAAAAACAGCC-TTACAA
 O₁ O₂

O395 TGTTCAAAATAAGCACAACTATAGGGGTGGTATGTATGTTTAGTTCAAAAATTAGG-GA
 N16961 T----AGAAATAAATCAAGCTAAAGGGGATTG--TTATGAAGATAAAAGAAAGGCTAGCC
 O₃

O395 --TTAAGAGTTGAGAGAGATCTAAACCAAGAAGAAGTAGCAAAATGGTATCGGCGTTGGA
 N16961 AACCAAAGAAAGGCAATTAATAAGACTCAGGCACAAATGGCTGATGAAATTGGAATTAGT

Half-site operator sequences known predicted RstR operators
 Promoter elements (-10, -35) known predicted LexA-binding site CTGT...

(B)

<p>HCUF01 HC-43A1 HC-61A1 N16961 2010EL-1786 O395 MJ-1236 BX_330286 v51 Consensus</p>	<pre> AATGCGCACTTTCAAGACTAATGTA CAAAAAACAG CC-TTACAAT----AGAAATAAATCAAGCTAAAG AATGCGCACTTTCAAGACTAATGTA CAAAAAACAG CC-TTACAAT----AGAAATAAATCAAGCTAAAG AATGCGCACTTTCAAGACTAATGTA CAAAAAACAG CC-TTACAAT----AGAAATAAATCAAGCTAAAG AATGCGCACTTTCAAGACTAATGTA CAAAAAACAG CC-TTACAAT----AGAAATAAATCAAGCTAAAG AATGCGCACTTTCAAGACTAATGTA CAAAAAACAG CC-TTACAAT----AGAAATAAATCAAGCTAAAG TATGGGATTGTAAA--CAGCTGT CAAAAAACAG GGATTATAATGTTCAAAAATAAGCACA ACTATAG TATGGGATTGTAAA--CAGCTGT CAAAAAACAG GGATTATAATGTTCAAAAATAAGCACA ACTATAG TATGGGATTGTAAA--CGACTGT CAAAAAACAG GGATTATAATGTTCAAAAATAAGCACA ACTATAG AATGTGATTGTAAA--CGACTGT CAAAAAACAG GGATTATAATGTTCAAAAATAAGCACA ACTATAG </pre>	<p>El Tor Classical</p>
--	--	--------------------------------------

LexA-binding site