

83333.1.peg.1645	Escherichia coli K12	500640.5.peg.1436	Citrobacter youngae ATCC 29220
457401.3.peg.399	Escherichia sp. 4_1_40B	701347.4.peg.2203	Enterobacter cloacae SCF1
216599.12.peg.1710	Shigella sonnei 53G	1265617.3.peg.1260	Salmonella enterica subsp. enterica serovar Agona str.
1038844.18.peg.786	Escherichia coli O104:H4 str. TY-2482		36.H.00
556266.3.peg.160	Shigella sp. D9	35703.16.peg.2786	Citrobacter amalonoticus strain YG6
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300268.11.peg.1907	Shigella boydii Sb227	575.4.peg.1602	Raoultella planticola strain CHB
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1288347.3.peg.145	Citrobacter freundii GTC 09479		

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B. Enterobacteriaceae - group 2

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548.115.peg.1014	Enterobacter aerogenes strain CAV1320	546.84.peg.3727	Citrobacter freundii strain FDAARGOS_61
883121.3.peg.2572	Klebsiella oxytoca 10-5246	500640.5.peg.1436	Citrobacter youngae ATCC 29220
1286170.3.peg.1018	Raoultella ornithinolytica B6	67829.4.peg.3727	Citrobacter murlinae strain P080C CL
575.4.peg.1602	Raoultella planticola strain CHB	295319.15.peg.1525	Salmonella enterica subsp. enterica serovar Paratyphi A str.
640131.3.peg.2253	Klebsiella variicola At-22	ATCC 9150	
1134687.3.peg.2478	Klebsiella michiganensis strain SA2	12149.1.peg.1388	Salmonella bongori 12149
701347.4.peg.2203	Enterobacter cloacae SCF1	1095768.3.peg.1306	Enterobacter sp. JC163
1697388.3.peg.3561	Enterobacter tabaci strain CCUG 72520		

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C. Enterobacteriaceae - group 3

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349966.5.peg.542	Yersinia frederiksenii ATCC 33641	615.109.peg.2214	Serratia marcescens strain UCI88
28152.3.peg.1198	Yersinia kristensenii strain ATCC 33639	768490.3.peg.2144	Serratia sp. AS12
349965.6.peg.1196	Yersinia intermedia ATCC 29909	614.9.peg.259	Serratia liquefaciens strain FDAARGOS_125
349967.4.peg.1011	Yersinia mollaretii ATCC 43969	667129.3.peg.3101	Serratia odorifera DSM 4582
527004.3.peg.123	Yersinia rohdei ATCC 43380	399741.7.peg.2234	Serratia proteamaculans 568
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527004.3.peg.123	tccgcgagctgttcggtt	tgctatcaaaaataattgatggca	agtatattgtatgagaatgg-gcgaaatataATGTGGTCTGAA
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D. *Pseudomonas* spp.

746360.3.peg.1750 *Pseudomonas fluorescens* WH6
 1038924.3.peg.1593 *Pseudomonas fluorescens* SS101
 321846.3.peg.1569 *Pseudomonas simiae* strain WCS417
 1144885.3.peg.4026 *Pseudomonas* sp. R81
 1037911.3.peg.1617 *Pseudomonas fluorescens* A506
 96901.3.peg.1676 *Pseudomonas synxantha* BG33R
 216595.4.peg.1849 *Pseudomonas fluorescens* SBW25
 1125977.3.peg.5361 *Pseudomonas* sp. PAMC 25886
 294.123.peg.1588 *Pseudomonas fluorescens* strain UK4
 882211.3.peg.4099 *Pseudomonas deceptionensis* strain DSM 26521

ydhC <-

```

1038924.3.peg.1593 GATACCAGGTAAAACCAAAGAATTTTTCATcgaagcctt-gtagatactgccatcaaactatttgctgactggcgccc
1037911.3.peg.1617 GATACCAGGTAAAACCAAAGAATTTTTCATcgaagcctt-gtagatactgccatcaaactatttgctgactggcgccc
96901.3.peg.1676 GATACCAGGTAAAACCAAAGAATTTTTCATcgaagcctt-gtaaaactgccatcaaactatttgctgactggcgccc
746360.3.peg.1750 GGTACCCAGTGAAACCAAAGAATTTTTCATtgaagcctt-gtgaactctgccatcaaactatttgctgactggcgctc
321846.3.peg.1569 GATACCAAGTGAAGCCAAAAGAGTTTTCATtgaagcctt-gttcattctgccatcaaactatttgctgactggcgccc
1144885.3.peg.4026 GATACCAAGTGAAGCCAAAAGAGTTTTCATtgaagcctt-gttcattctgccatcaaactatttgctgactggcgccc
216595.4.peg.1849 GGTACCAGGTGAAACCAAAGAATTTTTCATtgaagcctt-gcttaacctgccatcaaactatttgctgactggcgccc
1125977.3.peg.5361 GGTACCAGGTGAATCCAAAAGAGTTTTCATtgaagcctt-gtataacctgccatcaaactatttgctgactggcgccct
294.123.peg.1588 GGTACCCAGTGAAACCAAAGAATTTTTCATtgaagcctt-gtgagtcctgccatcaaacaatttgctgactgacgcct
882211.3.peg.4099 GATAGCAGGTAAAACCAAAGAATTTTCATgtgcaccca---aaaacttgccatcaaacaatttgctgactggcgagc
*  ** *  ** ** ***** ** ***** ** ***** ***** ***** ***** **
  
```

-10

-35

YdhB binding site

-> ydhB

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1038924.3.peg.1593 attatgaggctgacaatatctgtgtgaagcgataataattggacactctcatcaataattttgaaggcagcacctATGTGGTC
1037911.3.peg.1617 attatgaagctgacaatatctgtgtgaagcgataataattggacactctcatcaataattttgaaggcagcgctcATGTGGTC
96901.3.peg.1676 attatgaagctgacaaaatctgtgtgaagcgataataattggacactctcatcaataattttgaaggcagccacATGTGGTC
746360.3.peg.1750 attatgaagctgacatatatttctgtgtgaagcgataataattggacactctgttcaaaaattttgaaggcagcccctATGTGGTC
321846.3.peg.1569 attatgaagctgacagattctctgtgtgaagcgataataattggacactcttatcaataaattttgaaggcagtcagcATGTGGTC
1144885.3.peg.4026 attatgaagctgacagattctctgtgtgaagcgataataattggacactcttatcaataaattttgaaggcagtcagcATGTGGTC
216595.4.peg.1849 attatgaagctgacagtattgtgtgtgaagcgataataattggacactcttatcaataattttttgaaggcactcgccATGTGGTC
1125977.3.peg.5361 attatgaagctggatgattccctgtgtgaagcgagaataattggactctcttatcaataattttttgaaggcagcctgcATGTGGTC
294.123.peg.1588 attatgaagctgacagttgcgctgtgtgaagcgataataattggacactcttatcaataattttttgaaggcaataccATGTGGTC
882211.3.peg.4099 attatccatcagaggatttgcttgtgtgaagcgataataattgcaaacggcatcaaattttttaaggcaa-agacATGTGGTC
***** * * ***** ***** * * ***** ***** *****
  
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