>NZ\_FO834906.1:453116-454063 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCAGGCGAGACGGGTGCCAGGGATAAACCACTCCCGGCGGGAATTGAGTAAGTCCTGGGCGCTCATCGCT

TTTTTACCCGCAGGCTGTAGCGACTCCAGGCTGAGGATCCCATCCCCCGTGGCGACCTGAATACCCTGTT

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TACCGGTTGTCCGTCAATTTCCAGCCAGCTCATTGGCCACGGATTAAACGCGCGGATGCAGCGTTCCAAC

TGCGCAGCGGAAAGCGACCAATCGATACGAGCCTCTTCTTTACTCAGCTTTTCGGCATGGCACACCAGCG

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GCGCCGAGATCGGCAACTAACCGCTGGTTATCCTGCGGACGCAGGGAGGATGGCTGGAACACAGGTAAGT

TATGGGCTTCTGCCAGCACTTTTACCGGGCTTGGCATCAATTTTTTGCCGCGACCAGCAGGGCGATCAGG

CTGAGTAAATACGCCAACAACCTGATGTTCAGACGACAGCAGCGCATCAAGATGACGCGCTGCAAAATCA

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>NZ\_FO834906.1:694-1935 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GAGCCGACCTACCGCTCTAACGTTAACGTGAAACACACGTTTGATAACTTCGTCGAAGGTAAATCTAACC

AGTTGGCCCGCGCGGCGGCGCGTCAGGTGGCGGATAACCCGGGCGGCGCCTACAACCCCCTGTTCCTCTA

TGGCGGGACGGGTCTGGGTAAAACTCACCTGCTGCACGCGGTGGGCAACGGCATTGTGGCGCGTAAGCCG

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CAATAAAGAACGATCCCAGGAAGAGTTTTTCCACACCTTCAATGCGCTGCTGGAAGGTAATCAGCAGATC

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GAGCTGGAGGGGGCGCTGAATCGCGTTATCGCCAACGCCAACTTCACCGGCCGGGCGATCACCATCGATT

TCGTGCGCGAAGCGCTGCGCGATCTGCTGGCGCTGCAGGAAAAACTGGTCACCATCGACAATATTCAAAA

GACGGTGGCGGAGTACTACAAGATTAAGGTAGCGGATCTGCTGTCCAAACGCCGCTCCCGTTCGGTGGCG

CGTCCTCGCCAGATGGCGATGGCGCTGGCCAAAGAGCTGACCAACCACAGCCTGCCGGAAATCGGAGATG

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>NZ\_FO834906.1:1940-3040 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCCACCCAGTTCTCGATGGCGCACCAGGATGTTCGTTACTACTTAAACGGCATGCTGTTTGAAACCGAAG

GCAGCGAACTGCGCACGGTGGCCACCGATGGTCACCGCCTGGCGGTCTGTTCGATGCCTCTGGAAGCGTC

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AGCGGGCTGCGATATTCTGAAGCAGGCTTTTGCGCGCGCGGCGATTCTCTCCAACGAAAAATTCCGCGGC

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>NZ\_FO834906.1:3248-4321 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:4350-6764 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGAATGCCCTGAAAGCGGCGAATATCGATATTTAA

>NZ\_FO834906.1:6966-7778 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGCGAACCGCGATATCAGCTACTACACCGTCCACGAATCCTATGTGGCAACCATTCCGCTGGTGTTCTGC

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ACCAGGCCATCGCCCGTATTCCGGCGGAAGTGAAAGAGAAGTACACCGTGCTGAAAAGTGCGCCTTACTT

CCTCGAAATACTGGATAAACGCGTCAATAAAGGCACTGGCGTGAAGTCGCTTGCCGATGCGCTGGGCATC

AAGCCGGAAGAGATTATGGCGATTGGCGATCAGGAAAATGATATCGCGATGATTGAATTTGCCGGCGTCG

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AGATGGCGTTGCCTTCGCCATTGAAAAATACGTTTTAGCGTAA

>NZ\_FO834906.1:7928-9010 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCTTTGATATCCTCGACGGCAGCATCGATGCGCTTACCTTTTCGCCGCGCGTTGGCTATCGTTTCAGTAC

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>NZ\_FO834906.1:9007-10140 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCTCTACCGGCGCCTTTGGCCTCAGCGTGAAAAACTACACCTTTTTCGATCGTGATCTGTGGCGCGTTTT

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GCCCTCACTGTCGTCGCTGAATAATGGCCGCTGGCTGCCTTCGGCGGGCGTTGGCTACCGCTTTGAATTC

AAACCTCGCGTTAATGTTCGCCTCGACTACGGTATCGGCAATGGCAGCAGCGGCTTTTACTTCCAGGTCG

GCGAAGCGTTTTAA

>NZ\_FO834906.1:10370-11059 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGAAACCAGTGGAACTACCTCGACACCGAGGTGCTGCAGTGGGTACTGGAAAATGACTATGACCCGCGTC

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CACCTCAAGCGATCTGGCGGAAATCGAGTCGGCGCTCAATGACATGATCGCCAACAACCAAAACCGGGAT

GCCTTTAACGAAGCGGATATTCGCTACCACGAGGCGGTGCTGCAGTCAGTACATAACCCGGTTTTGCAGC

AGCTTAGCGTGGCGATCAGTTCGCTGCAGCGGGCGGTATTTGAACGGACCTGGATGGGCGATGAAGGCAA

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>NZ\_FO834906.1:11056-11934 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACAGGAATAAGGAGCATCGCTTATGCAGTGGCAAACTAA

>NZ\_FO834906.1:11918-12535 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCCGGCGAGCGGTGGGTTACGGCATGACCGTGTGTCCAGGCTGCGCCACCGCCAGCGAAGCCTTTAGCAC

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>NZ\_FO834906.1:12532-13680 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:13858-15186 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:15238-16464 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TTATCGTCAGCTGTGGGTTACGCAGACCGGACGATAA

>NZ\_FO834906.1:16466-16798 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTACTGGGCAGGCATCGGCGCTGGCGGGATCACCGAGTTGGTCGCCAGCGTAGCCTTCTCGCTCTTTTCG

ACCCGAGATTTGATTGAGCTGTCGGTGCGGAACATATCCCACGGCAGCAGCAGGGTATCCATGACGGCGG

TGAACGGCATGTCCAGCGCCACCAGCGATTTCACACCCCAGTTGGTATCGCTGTCCCCCAGCGTTTGCGC

ACTGGATCGCGTGCCCGGATAGGTTCCCTCTTTGCCACCGGTATGTGACATTACGCTGGAGCAACCGCTC

AGGCTTATTATCCCGCTGAACAGGACCAGCTTTAACAGTCGTCTGCTTTTCAT

>NZ\_FO834906.1:17113-17526 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCGTAACTTCGATCTTTCCCCGCTATATCGTTCAGCCATTGGTTTCGACCGCCTGTTCAACCTGCTGG

AAAACAATCAAAGCCAGAGCAACGGCGGCTACCCTCCGTATAACGTCGAGCTGGTAGACGAAAACCACTA

TCGCATCGCTATCGCGGTGGCTGGCTTTGCTGAAAGCGAGCTGGAGATCACTGCCCAGGACAATCTGCTG

ATCGTCAAAGGCGCCCACGCCGCCGAGCAGAAAGAGCGGACCTACCTGTATCAGGGGATCGCCGAGCGCA

ACTTCGAGCGCAAATTCCAGCTGGCGGAAAACATTCACGTCCGCGGCGCCAATCTGGTGAACGGCCTGCT

GTATATCGATCTGGAACGGGTGATCCCGGAAGCGAACAAGCCGCGCCGCATCGAAATCAACTAA

>NZ\_FO834906.1:18208-19032 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAACGAACAGCAGCCATTTGAAGCGATTAGAAAGAGCGATGAGGCGGGGCGGGAGTATTGGTCTGCCC

GCAACCTTGGTCCCCTGCTTGACTATAAAGAGTGGCGGAATTTTTATAAGGTCATTGCAAAAGCGATAAT

TTCATGTGAGGCGAGTGGTCATCCCTCGGCAGACCATTTTGTTGAAACCAACAAAATGGTCGAATTAGGT

TCTGGCGCCAGCAGGAATCTTGAAGATTTCCACCTCTCACGCTACGCCTGCTATCTGGTAGTGCAAAATG

GCGATCCGTCGAAACCGGTGATTGCTGCGGGGCAAACGTACTTTGCCTTGCAAACCCGGCGCCAGGAATT

GCAAGATGATCAAATATTTAAGTCTCTACGAGAGGATGAAAAGTGACTGTTCCTGCACAATGAGCTCAAA

GAGCATAATAAACATCTGGTTGAAACGGCCCAACGTGCTGGTGTTGAGACGACTCTTGATTTTGCTGTCT

TTCAAAACCATGGTTATAAAGGTCTCTATGGTGGTCTTGACCAAAAAGCAATCCATGAGCGTAAGGGCCT

AAAGAAAAGCCAAAAAATACTCGACTATATGGGATCGACTGAGCTCGCGGCCAACCTGTTTCGTGCTACC

CAAACGGAAGAAAAACTACGTCGGGACGCGGTTGATTCGAAGCAACTCGCCAACAAAACGCATTATGACG

TAGGGCAAAAAGTACGCCAGACTATTAAAGACCTGGGTGGCACTATGCCTGAAGCACTTCCTTCCCCGGA

GAAAAGTATTCAGCAACTCACTATCGCAGCGAAAAATAAGAACGCGCCTGAATAG

>NZ\_FO834906.1:19134-20795 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAGTGAGATAGCATTGACGGTCAGCGTACTGGCGCTGGTGGCGGTGGTTGGGTTGTGGATCGGCAATG

TCAAAATCCGCGGCGTTGGCTTTGGTATTGGCGGCGTGTTATTTGGCGGCATTATCGTCGGTCACTTTGT

CGATCAGGCGGGCGTCGCCCTCAGCAGCCCGATGCTGCATTTTATTCAGGAATTCGGCTTGATCCTGTTT

GTCTACACCATCGGTATTCAGGTGGGACCGGGCTTTTTCGCCTCGCTGCGGGTCTCTGGCCTGCGGCTCA

ATCTGTTCGCTATTCTTATCGTTATCCTCGGCGGCATGGTGACCGCGGTGCTGCATAAGCTGTTCAATAT

TCCTCTCCCGGTGGTGCTCGGCATCTTTTCCGGTGCGGTGACCAACACGCCGGCGCTGGGGGCCGGGCAG

CAAATTCTGCGCGATCTCGGCGTACCGTTCGAGGTGGTTGATCAGATGGGGATGAGCTACGCGATGGCGT

ATCCGTTCGGCATCTGCGGCATTTTGCTGACCATGTGGCTGGTGCGTCTGTTCTTTCGCATCAATGTCGA

GAAAGAGGCCCAGCGGTTTGAGGAGAGCAGCGGTAACGGCCACGCCCATTTGCACACCATTAACGTGCGG

GTGGAGAACCCCAACCTCAACCAGATGGCGATTCAGGATGTGCCGATGCTCAACAACGACAACATCGTCT

GTTCGCGGCTGAAACGCGGTGAGCTGTTGATGGTGCCTGCGCCGGGCACCCTTATCCAGGCTGGCGACCT

GCTGCACCTGGTGGGGCGACCTGAGGATTTGCACAATGCGCAGCTGGTGATAGGCCAGGAGGTGGCGACC

TCGCTGTCGACGCGCGGCACCGATCTGAAAGTGGAGCGGGTGGTGGTCACTAACGAAAAAGTGCTGGGAA

AGAAAATACGCGATCTGCACGTCAAACAGCGCTATGACGTAGTGATCTCCCGGCTTAACCGGGCAGGCGT

CGAGCTGGTGGCCAGCAGCAGCGCCAGCCTGCAGTTTGGTGACATCCTCAATCTGGTCGGCCGTCCGGAG

GCAATTGACGCCGTGGCCGCCGAACTGGGTAACGCTCAGCAGAAGCTGCAGCAGGTCCAGATGCTGCCGG

TGTTTATCGGCATCGGACTCGGGGTACTGCTGGGATCTATCCCGTTGTTTATTCCCGGCTTCCCTGCAGC

ATTGAAGCTGGGACTGGCCGGTGGGCCGCTGATTATGGCGCTGATCCTTGGGCGTATCGGCAGTATCGGC

AAGCTGTACTGGTTTATGCCGCCGAGCGCCAACCTGGCGCTGCGCGAGCTGGGGATCGTGCTGTTTCTGG

CGGTGGTCGGGCTAAAATCGGGGGGTGACTTTGTCGCCACCCTGACCCAGGGCGATGGTCTGAGCTGGAT

CGCTTACGGCATTTTCATCACCGCCATCCCGCTGCTGACGGTGGGCATCCTCGCGCGCATGCTGGCGAAA

ATGAACTATCTGACGCTGTGCGGCATGCTGGCCGGCTCCATGACTGACCCGCCGGCGCTGGCCTTCGCCA

ACAACCTGCACGCCACCAGCGGCGCAGCGGCGCTCTCTTACGCCACCGTCTATCCGCTGGTGATGTTCCT

GCGCATTATCACCCCGCAGCTACTCGCCGTGCTGTTCTGGGGGCTAAGCTAG

>NZ\_FO834906.1:20787-21509 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

CTAAGCTAGCGGGCTTTGCGCCTGGACGCGGCGCAGGTGATAGTCCACCTGATACTCGCTGGCGTTGCGG

AACATGACCGAATAGTTAAGAAACTCGCCGCTGTCGCTGTAGGAAAGGGAGGTAATACGCAGCAGCGGCG

TCTGCTCCGGGACGTTCATTGAGCGCGCCAACTGCTTGTCCGCCAGCACTGGCGTCAGCGTTTCATAGTT

CCCGCTGATGATGATCCCGCACTCTTTCTCAATATAATCAAATTTCGACCCTTCCAGATGACTCAGCGAC

AGGTTGCGGAACAGCTTCACCGGCATATAGCTATCCTCCAGCATCAGCGGCTTGCCGTCGACGTAGCGCA

CCCGCCGTGAGAAGTAGATCCGTTCATCAATTTTAATCCGCAGCAGACTGGCGATGGCCGGCGGGGCGGG

CATCACCTCGAAGGCCAGCACCTGACTCACCACCTCTTTACCCTGCTTGCGCAGCACTTCCGCCAGGCCG

GTCAGATTGCTGGTTTCATGATGGACGTCTTTACGCGCCACGTAAGTTCCCGAGCCGTGGCGACGCACAA

CCAATCCCCAGTCCACCAGCAGATCGATGGCTTTGCGAATAGTCATGCGCGCCACTCCGAACTCCTCGGC

CAGTTTTTTCTCTCCTGGTAGCGGGCTGCCGATGGCGAAGTCGGCGGAATTCAGCCGCAGCCGCAGGCGG

TCAGCAATGGATTTGTAGATCAC

>NZ\_FO834906.1:21808-23430 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCTCAGTCAAATACAACGCTTTGGCGGCGCCATGTTTACCCCGGTTTTATTGTTCCCTTTTGCCGGGA

TTGTGGTTGGTATCGCCATCATGCTGCGCAACCCGATGTTCGTCGGCGAAGCGCTGACCGCACCCGACAG

CCTGTTTGCCCAGATCGTTCACATCATTGAGGAGGGCGGCTGGACCGTCTTTCGTAATATGCCGCTGATT

TTCGCCGTCGGTCTGCCGATCGGCCTGGCGAAACAGGCCCAGGGCCGGGCCTGTCTGGCGGTGCTGGTGA

GCTTTCTCACCTGGAACTACTTTATCAACGCCATGGGGATGACCTGGGGCCACTTCTTCGGCGTCGATTT

TTCCGCTGAACCCACGGCCGGCAGCGGCCTGACGATGATTGCCGGGATTAAAACCCTCGACACCAGCATT

ATCGGCGCCATCGTCATCTCCGGTCTGGTGACGGCCCTGCACAATCGCTATTTCGATAAACCCCTGCCGG

TATTCCTCGGCATCTTTCAGGGTTCATCGTTTGTGGTCATTGTCGCCTTCCTCGCGATGATCCCTTGCGC

CTGGCTGACCCTGCTCGGCTGGCCAAAGGTCCAGCTGGGTATTGAATCGCTGCAGGCCTTTCTGCGCTCA

GCCGGGGCGCTTGGGGTGTGGGTTTACATCTTCCTTGAGCGCATCCTGATCCCCACCGGCCTGCACCACT

TCGTCTATGGCCCGTTCATCTTTGGCCCGGCGGTGGTGGAGGGCGGACTGCAGGTCTACTGGGCAGAGCA

TCTGCAGGCGTTCAGTCAGAGTACGGAACCGCTGAAGACGCTGTTCCCGGAGGGCGGCTTTGCCCTGCAC

GGTAACTCGAAAGTGTTTGGTTCGGTGGGGATTGCGCTGGCGCTCTACTTCACTGCCGCGCCGGAAAACC

GCGTCAAGGTCGCCGGCCTGCTGATCCCCGCCACCCTGACCGCGATGCTGGTCGGGATCACTGAGCCGCT

GGAGTTCACCTTCCTCTTCATCTCGCCGCTGCTGTTCGCCGTTCACGCGGTGCTGGCGGCGACCATGGCG

ACGGTGATGTACATCTGCGGCGTGGTGGGCAACTTCGGCGGCGGCCTGCTCGATCAATTCTTGCCGCAAA

ACTGGATCCCAATGTTCCATCACCACGCTTCGATGATGTTCATTCAGATAGGCATCGGCCTCTGTTTCAC

CGCCCTCTACTTCGTAGTCTTCCGCACCCTGATCCTGCGTCTGAACCTGAAGACGCCTGGCCGGGAAGAG

AGCGAAATCAAGCTCTACAGCAAGGCCGATTACCAGGCGGCACGAGGTAAAACCACGGCCGCCGCCGCGC

CAGAGACCCGGCTGGGTCAGGCCGCTGGCTTCCTGCAGGCCCTCGGCGGCGCCGACAACATTGAAAGCAT

CAACAACTGCGCCACCCGACTGCGCATCGCGCTGGTCGATATGGCGAAAACGCAAAGTGACGACGTCTTT

AAAGCGCTGGGCGCCCACGGGGTAGTACGCCGCGGCAACGGGATTCAGGTCATCGTCGGCCTGCACGTTC

CCCAGGTGCGCGACCAGCTGGAAAACCTGATGAAAGATTCTCTTTCGACCGAACATACCACCATGACGGA

GGCAGTATCATGA

>NZ\_FO834906.1:23427-24749 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAAAAATTCTCAGTTGTTATCGCAGGCGGCGGCAGCACCTTCACCCCGGGCATTGTCCTGATGCTGC

TGGCAAACCAGGATCGTTTTCCGCTGCGGTCGCTGAAATTTTACGACAACGACGGCGCGCGCCAGGAGAC

CATCGCCGAGGCGTGCAAAGTGATCCTCAAAGAGCAGGCGCCGGAGATTGAGTTCAGCTATACCACCGAT

CCGCAGGCGGCGTTTACCGATGTTGATTTTGTCATGGCGCATATCCGCGTCGGGAAATATCCGATGCGTG

AACAGGATGAGAAAATCCCGCTACGCCACGGCGTGCTGGGCCAGGAGACCTGCGGACCGGGCGGGATCGC

CTACGGTATGCGCTCTATCGGCGGCGTGCTGGAGCTGGTGGATTATATGGAAAAATATTCGCCGAACGCC

TGGATGCTTAACTACTCCAACCCGGCGGCGATTGTGGCGGAAGCCACTCGTCGTCTGCGGCCGAACGCCA

AAATCCTCAACATCTGCGATATGCCGATCGGCATTGAAGGGCGGATGGCGCAGATTGTCGGCCTCAAAGA

CCGTAAACAGATGCGCGTGCGCTACTACGGCCTCAACCACTTCGGCTGGTGGACGTCGATTGAGGACCTC

GACGGCAATGATTTGATGCCGAAACTGCGCGAATATGTGGCGAAATACGGCTATGTGCCGCCCTCGAACG

ATCCGCACACCGAGGCCAGCTGGAACGACACCTTTGCCAAAGCGAAAGATGTGCAGGCGCTGGATCCGCA

GACCATGCCGAATACCTACCTGAAATATTATCTGTTCCCGGACTATGTGGTAGCCCACTCCAACCCGGAA

CGCACCCGCGCCAATGAGGTGATGGATCATCGGGAGAAAAACGTCTTCAGCGCCTGCCGGGCGATCATCG

CCGCCGGGAAATCCACCGCCGGCGATCTGGAGATTGACGAGCATGCCTCCTATATCGTCGATCTGGCGAC

GGCTATCGCCTTTAACACGCAGGAAAGGATGCTGCTGATTGTGCCGAACAATGGCGCGATCCATAACTTT

GACGCCGACGCGATGGTGGAGATCCCTTGTCTGGTAGGCCACAACGGACCGGAGCCGCTGACGGTAGGCG

ACATCCCGCATTTCCAGAAAGGGCTGATGAGCCAGCAGGTGGCAGTGGAAAAACTGGTGGTCGATGCCTG

GGAACAGCGCTCTTACCACAAGCTGTGGCAGGCGATTACCCTGTCGAAAACCGTGCCGAGCGCCTCGGTG

GCGAAAGCGATCCTCGATGACCTCATTGCCGCCAACAAAGATTACTGGCCTGAGCTGCATTAA

>NZ\_FO834906.1:24851-25198 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAAATCTCCCGCCTCGGCGAAGCGCCGGATTACCGCTTTTCGCTGGCTAACGAACGCACCTTTCTGG

CATGGATCCGCACGGCCCTCGGTTTTCTCGCCGCCGGCGTCGGCCTTGACCAGTTAGCGCCGGACTTTGC

CACGCCGCTGATCCGTGAAATTCTCGCCCTGCTGCTGTGTCTCTTTGCCGGCGGCATGGCCATCTATGGC

TATCTGCGCTGGCTGAATAACGAGAAGGCGATGCGTCTCAAGCAGGACCTTCCCTATACCCGCACGCTGC

TGGTGATTAGCATTCTGCTGCTGGCGGTGGTGGCCGCGGTGATGCTGCTGGTGGTGTATGGCGGATAA

>NZ\_FO834906.1:25188-25550 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCGGATAAACGCCGTGCGCGTCGGGAAAGCGATCCCGGTCTTCAGCCAGAGCGCACCTCGCTGGCCT

GGTTTCGCACCCTGTTGGGCTACGGCGCGCTGATGGCGCTGGCGATTAAGCACAGCTGGCACCGCGCCGG

CCTGCCGTTCTGGCTGTCGATCGGCGTACTGGCGATTGTGGCGGTGATCCTCTGGGGCTATACCCGCCGT

CGTCATCTGATGGATGTCGACGATAGCGATTTTTTACAGCCGCGGGCGGTTCGTGACAAATTTTTGATCG

CACTCGCAGTACTTTCTCTGGCATTCCTGTTTGCTGTTACTCACCTTCAACCGATCGTTTTATTCATTAG

GGATATGTCATGA

>NZ\_FO834906.1:25625-26047 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

GTGGAGGCGCATCATTGCCATCAACCGCAGGCGTTCTATGCACAGCTTCGTCAACAGGGGCTCACCGCTA

TCCATTTTATTCCGCAGCTGGCGGCCGGCGACGCCGCGCTTTGGGGAGAGTTTCTCTGCGCAGTCTTTCA

CCGCTGGGTGCGGGAAGATATTGGGCGCATCAATATTTTACTGTTTAGCGAGACGCTGAGCGCCTGGTGC

GGGGAGACGCTGACCCAGCCAGGCGCGCCGGCGGCCAACAGCGCCTGCTACGGCTGCCCGTGGCTGCGCC

TGTGCCGCTGTGGCGAACAGGAAGACCCGCTGTGCGCGGGTTACCGGCAGTTCTACGATTTTAGCGGGCC

CTATATGCGAGTGATGCGGGACCTGCGGCGACAGCAGCGGCCGCCAGAGGCGCTGATGCCGCTGCTGCGC

TAA

>NZ\_FO834906.1:26051-27379 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAGCGCCCCTTCGCCAGGTACTGCGCCATCTCCTCTTCCGGCACCATGCCGCCGCCGGTGGCCCACACC

AGGTGGGTGGACTGCTGCAGCTGTTGCTCACCCAGCCCCTGCAGCTGATGGTACGCCTGGCTGGCGCAGA

CCCGCTGCGGCCCGGCCATTCCGGCCAGCGCGGAGGGTTCAAGGCGAATGTTTTCCGCTTTCGCCAGCCA

GCCCAGCATGTCATACATCGTCTGGTCGTCAAGGGTATAGAACCCGTCGAGCAGGCGCTCCATTGCCCGG

CCAACGAACCCGGACGCCCGGCCGACCGCCAGACCGTCGGCGGCGGTCAGGTTATCAATGCCTAAATCCT

GCACCGCTATCTGGTCATGAAGCCCGGTATAGACGCCGAGCAGCATGCAGGGCGAGTGGGTCGGTTCGGC

GAACAGGCAGTGAACGTGGTCGCCGAAGGCCAGCTTCAGGCCGAATGCCACGCCGCCGGGGCCGCCGCCG

ACGCCGCACGGCAGGTAGACGAACAGCGGATGATCGGCATCGACCACGCGTCCTGCTTGCGCGAACTGCG

CTTTCAGGCGCTCGCCGGCCACGGCATAGCCGAGGAACAGCGTGCGCGAGTTTTCATCATCGATAAAAAA

GCAGTTCGGGTCGGATTCCGCTGCCTTGCGCCCCTGTTCGACCGCCACGCCATAGTCCTCTTCATACTCA

ACCACCGTTACGCCGTGGCTGCGCAGTTTGGCTTTTTTCCACGCCCTGGCATCGGCGGACATATGCACCG

TAACTTGAAAACCAATGCGCGCGCTCATGATGCCGATCGACATCCCAAGGTTGCCGGTGGAGCCGACGGC

GATGCTGAACTGGCTAAAGAACTGTTTAAACTCCGGCGTCAGCAATTTGCGATAATCGTCTGCGGTCGTC

AGCAGCCCGGCTTCCAGCGCCAGCTTTTCCGCATGGGTCAGCACTTCATAAATCCCACCGCGCGCTTTGA

TTGAGCCGGAGATTGGCAGATGGCTGTCTTTTTTCAGCAGCAGTTCGCCGCTAATTGGCTGGCCGAATTT

TTGCTCAAGGCTGCGTTTCATTGCCGGAATGGCAACCACTTCTGATTCGATAATCCCGCCGCTCGCGGCG

GTTTCCGGGAAGGCTGCCGCCAGATAGGGCGCGAAGCGCTGAAGGCGGGCATGGGCGTCTTGCACATCGT

CGGCGGTCAGACCGACGTAAGGCAACCCCTCCGCCAGGGTGGTGGTTGCCGGGTTAAACCAGGTGGTTTC

TTTCAGGGCGATCAGATCCTGCACAAGCGGGAAGGTCGCGGTTAAGGTGGTCAGGTCAGCGTTTTTCAT

>NZ\_FO834906.1:27396-28733 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAGATGATGAAAGAAAGCAGGAAGGTGGCGGCCAGTGCAAGTAGCGACGCGATAAATGTCGCTGTCGTG

TAGTACTTGAACGTTTCACTGAGGCTGGCGCCGCAGTACTGTTTTACCAGCCAGAACAGGGAATCGGTGA

CGATCGTGCAGCCAATGGCGCCGGAACCGATGGCAATGGCGATGATCTCCGGGCTTACGCCGGGATAAAG

CGGCAGCATCGGCGCAACGATGGCGGTAGCGCCCATCATCGCCACGGTGGCGGAGCCAACGGCGGCGTGC

AGGATAAGCGCCACCAGCCAGGCCAGCAAAATCGGGTGCATATCAAGGTTCGACAGGATCACCGCGAGGC

TATCGGCCAGGCCGCTGGATTTCAAAATCGCGTTGAATGCGCCGCCGGCGCCGATAATCAGCAGGATGTT

GGCGATGGAACCAAAGCCGTTTTCGGTATGAGTCAGCAGAACGCCCATCCCCATTTGCCGACGGATGCCG

AGCATGTAATAGGCGACAAAGACGGCGATAAACATCGCGGTGATGGGGTTGCCGATAAATTCCAGCACTG

TATACAGCGTGCCGCCTTTCGCCATATTCAGTTCAGCGACGGTTTTCACCAGCATCAGGCCAATCGGTAA

CAGCACGGTAAACAGCGTGGCGCCGAGCGACGGCAGCGTCGATTCTTCGCGAACGTCGAGGTTGGAAAAC

TCGGCTGGCACTGGTTTAAACGGCAGGCGGTTGCCGAGCAGCCTGAGGAACAGCGGGCCGCCGACCAGCG

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GAACAGCGCGGCCGGATGCGGCGGTACCACGCAGTGCACCGCCATCAGCGCGGTACACAGCGGAATAGCC

AGCTTCAGCAGCGAAGTATTGGTTTTTTTGGCGATGGAGAATGCCAGCGGGATCAGCAGCACCACCCCGA

CTTCGACAAACAGGGTAATGCCGCAGATCAGGCCGACCAGCACCATAATCACATCCGCCGACAGCCAGCG

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CCAGCGGGCCCATTCCCATCATCGCCCCGACGAAAAAGCTTGCCAGCAGCAGCGCCAGAAACGGATGAAA

CTTCAGTTTGACGATGGTTAATACAATTAACACGATGCTAATCAGCAATGTGCTCACAACCCAAATTTGC

GATTCCAT

>NZ\_FO834906.1:28855-28959 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

GTGACCTCTAAATATGCTATGGGTCAAATTAACTCATCCTTTAGCGGAAGTTCCGGCATTATTTTTTTAT

CATCCAGACTCCCTATTATCGCCAGGAGCGCATAA

>NZ\_FO834906.1:28959-29882 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGGTGGCGGCGCGGCACGAGTCGTTCGCCCTTGCCGCCGACGAGCTGGCGCTCACCCCAAGCGCCGTCAG

TCACCGGATTAATCAGCTGGAAGAGGAGCTGGGGATCCAGCTCTTTGTCCGCTCGCACCGCAAAGTGGAG

CTGACGCGTGAAGGGAAGCGCGTTTACTGGGCGCTGAAGGCGTCGCTGGATGGTCTCAATCAGGAGATTC

TGGACATCAAAAACCAGGAGCTCTCCGGCAGTCTGACGGTCTACTCGCGGCCCTCTATCGCCCAGTGCTG

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GATAACGTCAACCTGCAGCGGGCGGGTATCGATCTGGCAATCTATTTTGATGACGCGCCGTCGTCGCAGC

TAAGCCACCATTTTCTGATGGATGAGGCGATCGTGCCGGTATGTACGCCGTATTACGCCCGCCAGCTGCA

GTTAACGTCAAATCCTGCCAGTCTGCGCCACTGTACGCTGCTTCACGATCGCCAGGCATGGAGCAATGAT

TCCGGCACCGATGAATGGTTCAGTTGGGCACAACAATTTGGGATTGAACTGCCGCAATCGTCGGGCATTG

GCTTCGATCGTTCTGATTTAGCGGTGATTGCGGCGATGAATCATGTCGGGGTAGCGATGGGGCGTAAACG

GCTGGTGCAGAAGCGGTTAGAGAGCGGCGAGCTTATCGCGCCGTTCGGCGATATGACGCTGAAATGCCAT

CAGCATTATTACGTGACCACCCTGCCGGGCCGCCAGTGGCCGAAAATCGACGCCTTTATCGAGTGGCTGC

ATAGCCTGACCTGA

>NZ\_FO834906.1:30042-31226 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTATACCGGCTGCTGATGGTGGGTGAAGCGCGAGGCCAGCGGCAGCCAGCACAGCAGAATCAACAGGCCC

ATCAGCATCATCAGCAGGCCGAGGCTGCCCTGACCGGTTTGCGGCATCATCGCCGACAGCCAGGCCAGCA

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CACGCCGCCGACCCCGGTGCCCATCCCCTGCATGGCGCTGGCGGCGATCAGCACCGGCAGGCTATGGGTG

GTAATAGCTACCAGCGTCGCCAGCATAAAAATCGACATCCCGACGAGGATCACCGGGCGGCGACCGACGC

GGTCAGAGAGCGGGCCGTAGAATAGCTGTGAAATACCGTAGGTCAGCAGGTAGGCCGCCATCACGCTTTG

TACCGCCCCTTCGCGGACGTTCAGCGCGACCGCCATGTCGGCGATGGCCGGAATATAAATGGTCTGCGCC

ATCTGGCCGACGGCCACCAGCAGTACCAGCATCAACAACAAATTGAAGTTCTTATGCCGTTTCAT

>NZ\_FO834906.1:31402-32235 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

CTACGCCAGGCGCAGGAGGATCGCCCCGGCGGCAATCCCGCAGGCGGCCACGATGCGCAGCGGCATCAGT

TGCTCTTTCAGGACGATAAAGGCGATCAGCGCGCCGAAGAGAATGGAGGTTTCACGCAGCGCGGCGACCA

CCGCCAGCGGGGCCTGGGTCATCGCCCATAGCGCCAGGCCGTAGGAGCCCATGGTGCCGATCCCGCCGAG

GATGCCTTTTTTCCAGTGCTGACGTAAATAACGACTGGCCTCACGCCGTCGCGCCACCATCGCCCAGCAC

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CGGTGCCGTCCACCAGCGTATAACCGGCGATAAAGCAGGCGTTGATCAGCGCCAGCACGATGCCTTTGCG

CGAGCTGGCGCGGCCGTTAAAGGCCATCGCCAGAATCGCCAGGCAGATGACGCCGATACCCAGCCAGGCC

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AGGGCGATCAGCGCGGCCGAGCCGCTGACGCCGATCGCCGCGTACATTTTATCGCCGCTGGCTTTGACGA

TAGCGTTCCAGCTGGCGTGCAGCAGGGCGGCGAACAGCAAAATGCAGAATACGGTGAGGGTCAT

>NZ\_FO834906.1:32304-32750 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAAAGCGAACAAAACAGGCGATGCGTCACCCGCGGTTCATCGTACACCGGGCGAAAACCAAGCCTTTCA

TAAAAGGGCCAGGCCTGCGCCGGGGCATGGGTGTTGAGAAAGTCGAACCAGGCGCTGGAGTGGGTGATAA

CCGAGACCAGCAGCTGCTGGCCGATGCCCCGGCGACGGTAGCGTTCGCTGATGTAGAGGTGGCGAATGCG

CCCGGCCCGCGGCTGCGGACTGAAGGGATCGCTATTGATGCCGCATACCCCTACCAGCTGGTGGTTGACG

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GGCGCAGCATATTGAAATGCTGTTCAAGGCTTTCAATTCGTAGCGCCGCGAACCCCGGGGCATCCGGCGT

CGTGGCGGCAATTAACAGGGGTGGCAT

>NZ\_FO834906.1:32841-32960 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCAGCGGAACTGTTTCAGGACTGCATCAAGTAGTTGCAACACAGCAACCATGAGTTTCAGGATCAAAATA

ATAATATCCATTCCGCCCATACGCGCGTCTCCTGTGGTTAAGGAGCACAA

>NZ\_FO834906.1:33164-33331 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

CTACCACCTGTAACCATGCTGATAAAAACCTCGCTCCGGCGGGGTTTTTTGTTTTCTGCCCTTTTGCGCC

GAACTGTGATCTTTCGCGCAAATTTTCGTGGATGAAAATAAATCCATTGTGAAAACGTAAAACCTGTGTT

TGTATAAATTCAGCTTATTTTTCGACAC

>NZ\_FO834906.1:33344-33439 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAACGCAACCCTGATCGCTTCGACCCTACTAAAAACCGCGCCAGCCGCGGTGGTCGTCGTGTCTGTGG

TGGTCGTCGTCGGCAATGCGCCGTAG

>NZ\_FO834906.1:33544-35232 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGCGCCAGGGTATCACTATGGTCAGCGGCATTCCGGGCGGCTCCATCCTGCCTATCTACGATGCCTTAAG

CCAGAGCACGCAGATCCGCCACATCCTGGCGCGCCATGAGCAGGGCGCGGGCTTTATCGCCCAGGGGATG

GCGCGTACCGAAGGCAAGCCGGCGGTCTGTATGGCCTGCAGCGGCCCGGGGGCGACGAACCTGGTGACGG

CGATCGCCGATGCCCGCCTGGATTCGATTCCGCTGGTCTGCATCACCGGCCAGGTACCGGCCTCGATGAT

CGGTACCGACGCCTTCCAGGAAGTGGACACCTACGGCATCTCTATCCCCATCACCAAACATAACTATCTG

GTGCGCGACATTGCCGAGCTGCCGCAGGTGATCAGCGACGCCTTCCGTATTGCCCAGTCCGGGCGTCCCG

GGCCGGTGTGGATAGACATTCCTAAGGACGTGCAGTCGGCGACCATTGAGCTGGAAGCGCTGCCTGAGCC

TGGCGAGCGCGCCCCGGCACCGGCATTCGCGCCTGAAAGCGTGCGTGAAGCGGCGGCAATGATCAACGCG

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>NZ\_FO834906.1:35236-35523 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:35674-36267 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:36285-37766 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:37778-39106 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:39252-40643 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:40780-41232 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTATCGCCTGATGCAAAAAGCGCGTTTAGCGGCGCCGATCACCGAGGCGCAGATCCGCCTGGCGCAAGG

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CTCCCGGAAGACGGCGTGCACTGGCTGCACTGA

>NZ\_FO834906.1:41362-41685 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TTAGCGCCAGTCTCCCATTTTTGCACGGTAGACACACTGGTATTCAGATAACGAGCGAACACGGGTTGGC

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>NZ\_FO834906.1:41669-42028 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:42240-43433 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:43430-44239 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:44249-45352 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:45494-46213 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:46392-47405 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:47411-48523 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:48523-49383 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>WP\_004150258.1 MULTISPECIES: 2-aminoethylphosphonate ABC transport system ATP-binding subunit PhnT [Klebsiella]

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>NZ\_FO834906.1:49386-50183 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:50383-51762 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CCATGCCGATGGCGATGTTCTGCGACAGCGTCAGCTTCCAGCCGTGGTTATCCCCACCCTGGTCGTAATC

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GCGCCGTAGTTTTTACGGTTGTCGGCGTTGTCCTTGCCGTTGTCGTAGTCGTGGAAGGCCAGCAGATATT

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TTTGTTATAGACGCTGTTATCCGAGTTATCGGAGTAGCGCAGGATCACCTTGTTCACCCCGCTGTCGTTG

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CTGGTGGAAGTCGCGGCCGGCCCAGATATAGGCGTTGGGGTTGGATTCCAGCACGTTGGTGACGCCGACG

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CGGGCATAGCCGCTGAACTTGAGGCCGAACGGAATGGCCATATCCGGCGAGGCGGCGGTGGTTTCCGGGT

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>NZ\_FO834906.1:51907-52209 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTTCGGGCCGCATGCAGCGCTTCAAAACATAATGAGCGTGACTGTCCCGCATTAACGATAATTTCCATT

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>NZ\_FO834906.1:52307-53629 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CCGCGGGCAAAGCCGTTGGTGGTATCGGGTGAAAACGGCGGAAAGATAAATACCAGCATGAAAGAGCCGA

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TCCTGCCAGCGGAGTAATAGATTGCTCGATCACGGCAATCATGGACTGATACAGAGAACTCAT

>NZ\_FO834906.1:53641-53955 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ATCCCGGCAGAGCAGCACAGCATAATCTTGTACAT

>NZ\_FO834906.1:54249-55190 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCTCACGTGGCGTGAAGGAAGCCAGTCGTCAGGCGGTGCTGCAGGCGGCGGAAGCGCTCAATTACCGGCC

AAACATGATAGCCCAGTCGTTACTCAGCCAGTCCACCGGCTGCATCGGCGTCATCTGCGCCCAGGACAAC

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GGGCTACAAGCACGCGCTGGAAAAAAACTTTTTGCCGTTTAATCGCAACCTGGTGTTTCTGGATAATACC

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>NZ\_FO834906.1:55402-56772 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGCGTAGCCATTGGCGCCCTGGTAGCGGGTCCGCTTTCTGACCGCTACGGCCGAAAGCGAATTTTACTCT

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CAGAACTTGACGCTTTGTCATCCCCCCTCGAACACCGATAA

>NZ\_FO834906.1:56786-58048 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TTTACGCTGGGAATCGATAGTCAATATGACGTTGCCGATGAGGGCGGCGGACCGCGCTGCCTGCCGCCGG

TCCAGGGCAACGCGGCGCTCTCAAGGCACATTGGCGCCAGCCTGATGGCCGACGAGTTTGATATGTCGTT

CTTTATGGATAAAAAGCTCGACCACGGCCTTTTCTCGCCGCTTTCGGCGCTGTTGCCCTGGGATGAAACG

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GCTTCTTCCTGCTGGAGAAAATGGGCGCGGTGGTCGGCGTATCCAACCTGCATATTTACGCCGCGATGCG

CGGGCAGACGCTGGAGGCGTTTCAGCAAACGCGCAACCAGCAGGTAACCTATTCGGTGGCGGGTAAACGT

TAA

>NZ\_FO834906.1:58045-59271 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAAACGGCCCCGTCCTGAACCTGCTGATAAATAAAACGCAACAGCGCCTGCGTCGCCGGGGAGGGCAGG

CTGCCGGCGCGAAACGTCAGCCCGATACGCCGGGTGGTATCGGGCAGGGGAACCGGCAACACGCTAAGCA

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GCCTTATCCAGCAAATTGCGCGCCGGCGCGTTGGCGCGCGGCAGCACCCATTGCGCTGTCGCCAGCTGGC

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CGTCAATCGCCCGCCGGGCGCGCGGCAGGATGCACTTGCCATACTCGGTGGGCACCATGCCGCTGTAATG

GCGTTCGAACAGCGTGACGTTCAACGCTGCTTCAAGATCGCGAATAGCCCGGGTTATCGCTGACTGCGTG

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>NZ\_FO834906.1:59399-60139 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGCGCGCCGATAAAGAGACGCTATTTCGTCTGGCGGATGTGTATCGCCGTATCCAGCCCCACTTTGTCCT

GACGCACTCCCTGCACGATCCCTATAACTACGATCACCCCCTGGCCTCCCATCTGGCGCAGGAAGCACGG

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>NZ\_FO834906.1:60136-60849 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGGCTGGATATTTACGCTATGCGTCCGCGTCTGGCGGAAAAGGGCCTGCGGTATTACGACCGCGCAGACG

AGGTGGAGGAATAA

>NZ\_FO834906.1:60850-61935 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:61938-62801 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:62805-63080 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:63202-64140 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:64256-65689 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:65714-66616 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:66779-67942 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:67988-69352 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:69356-72463 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:72463-73587 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:73794-73916 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:73876-73992 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:73967-74383 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:74605-75252 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:75333-76826 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:76823-77794 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:77833-78459 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:78462-78932 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:78953-79489 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:79606-80511 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:80639-81448 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:81473-82327 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:82317-82877 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:83044-83823 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:83845-84798 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:84795-85844 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:86217-86915 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:86966-87256 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:87258-88265 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:88378-88845 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:89011-89105 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:89398-90790 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:90803-93121 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:93277-93999 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:94046-95254 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:95267-96826 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:97072-98787 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:98928-100319 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:100604-101806 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CCGACGGCGATCGCCAATATGCAGGCGATTACCGACCGTTTCGGGCCATCGCATATGGCCTTCCTGGTAG

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>NZ\_FO834906.1:101921-103432 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:103454-104305 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGTTTGGCTCAT

>NZ\_FO834906.1:104748-104993 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:105145-106134 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:106297-107067 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:107132-108436 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCCAGCGGGGTGAATATGCGCACCTGCATTTACGTCGCCGGGATTCTGGGGCTAGCGATCGCCGTCACCC

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CACCAGCTTTCTCGCCCTGACCGGGATAACCAGCGCGCTGAACTTTATTATGACCGCCAACGGCGTGCCG

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>NZ\_FO834906.1:108529-109296 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACCAGTTCGTTTACCATGTGGCGGCTGCCGTTCAGTTTCCAGTTACCCATCACTAAAGGATGTCGCAT

>NZ\_FO834906.1:109406-110008 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:110121-110549 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGCAGGTCTGGCAGTGGGGCGTCGGGCGCTTTGTGCCGACGCTGATTATCGTCATGATGCTGATCGACCT

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GACGCCTGA

>NZ\_FO834906.1:110550-111296 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:111447-112457 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCTTCGTTATCGCCCTTCACGTGGTGGCGAGCCAGCAGGCGCCCCTGCATATCCCCGTCGAGGGCGCGGA

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>NZ\_FO834906.1:112506-114587 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:114593-115282 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTCGTAAAGGATCAGCGCCGAGGCGACGGAGACGTTCAGCGACTGCACCATGCCGATCATCGGGATAATG

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>NZ\_FO834906.1:115287-117407 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:117426-117701 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TTTTATCGTTTTCTTCCGGTACCAGCGGATCCTTTCCGCCAACCTGCATCTGACGAGCGCGACGCGCGGC

GACCAGTACCAGGTCAAAACGGTTACCAATTTTCTCTACAGCGTCCTGAACAGTTACGCGTGCCAT

>NZ\_FO834906.1:117756-118379 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGCGGCGCCCGCGTGGTATGGGAGACCGATACCTGGGTGTCATACAACGGTTGGGTTTTTAATAAAGCCT

GAATCAGGCTGGATTTACCCGCGCCGCTAGGGGCGGAAACAATATAAAGCGTGCCTTGAGCCAT

>NZ\_FO834906.1:118638-120314 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGCCGCCGGCCAGAGGAAGGCAGGAGACATCACGCCTTCATCAGCAAATTGTCGCCTGGAAAGAGGCTTA

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CGGTGGCCCATACCGGCGTGCGCAAGCTGGCGGATGAGGACAGCGTTGCCCGCTGGATGAAAAATAAATC

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GCGATGGGGATCCCGGTGCCGCAGGGGGCGCTGGCGCAGCTCGAAAGCGAGAACTGGCATCTGCTGGCGG

CAAAAAGTGAAGCGCAATGGCGCACGCTGCCGGGCGTAGGGGAGATCAGAGCCCGCCAGCTGGTGGCTTT

CCTGCACCATCCGGACGTGGTGGCGCTGGCGCAATGGCTTAGCGGGCAGCGCATCCCCGGATTTTAA

>NZ\_FO834906.1:120320-120937 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCGCCCATGTCCAGGGCGATCTGCGCGCCGATGATGGAAAACACGATCAGCCCCAGCGCGTCCAGCACCA

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GTGCGCCGGTCATGGCTTCCGCGGTGATACCGATTAAATACAGAACATGAAGCAGCAT

>NZ\_FO834906.1:121213-122463 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCAATCGTGGCCGGCGGCGCCGTCGCCGGATTTGGCTGGTGGCTGCTTGGTCGCTATGGGCAGAGGCGGG

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>NZ\_FO834906.1:122519-123577 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGGAACCAGCGGCGAACGCGTTCCGGGCTAATATCGTGCTGACGTAGCTCGCTATCGCTGAGGCGGACCT

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TCCCGCCGGGGTTTTCGCGCCCGACAGACCGAGATACAAAATACGCCGGTGGTTTTCACGCCGACGAAAA

AAACGCCGGTGAATTCCACCGCGCGTTCAAGCAGCGCCTGATACCAGATATCGCACTGCATGCTGTCGGT

AATTTTCAT

>NZ\_FO834906.1:123580-124326 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTGACGCAAGGCACAAAAAAACCGCATGCGCCGTGTTTGGCGTAGAGTTGACCGCGATAGAGCGTCTGA

ACCAGCGCATCTTGTACGTTGAGAAGAAAGGTATCGGTGCGGACATTAACAAACAGACCGGGACAGGCGC

GGGTGATTTCCTGCAGTTTGACGGCAAAGCGCTCCGCATCGTCAAGACGACGCGTACCATCCACCACATG

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GCTGGAGGATCCCAGCGCCTGATAACCAGCCTGCTGAGCAGCCTGAGCGCTGCTGGCATCCCAGACATTG

GCAAGCAACAAAGGTTGGTGTTGCTGGCGAAGCGCATTAAAGTCCAT

>NZ\_FO834906.1:124509-125372 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACCTCGGCGTTAATCGATTTTGACGCCAGGGTGTTCGATTCACGGTTGAACTCCTGCATCATAAAGTCGA

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CAGTTCTTCGGCAACGTCGATACGCTGCGCCATCAGCACCAGCTCTTGCTCAAGGCGGTTATTTTCCAGC

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ATAGGCGGTCATACTGCGGATCAT

>NZ\_FO834906.1:125872-127572 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:127610-127741 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GTATTTATTATACTGATATCGGTGCTGATACTCACCGCGTGTGATAACAAACCAGATAACAT

>NZ\_FO834906.1:127740-128627 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGCGGCAGCTTGGGCGATATCGTAATCTTTACGCCAATCATGCCATATCGCTTGCGGAATGGGAGGATAT

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CCTGCCCGGCAGGATGAGATTAGCAAGCAGCGCTCAATGGTGGCCGCGGCAAAACTCGAACGGGATAAGG

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GCGCTGAGCCCATTGCTGGCGTTATTAACTATATCAGCCCTGAGGCCGAGTTTACGCCTCCAGTTATTTA

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ATGAAAATCGGCCAACCGTTTGATGTGGAGATTATTGGCGATGAATAA

>NZ\_FO834906.1:128620-129537 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GATTCGAATGATGTGTGGTTTGATTACGCCGGATTCCGGTGAAGGTACTTGTTTGGGTATGGATATCTTT

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>NZ\_FO834906.1:129569-130663 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GTCATTGGCGTGGGGTTGAAATCTTATCGTAAAACGCTGGACTGA

>NZ\_FO834906.1:130760-131476 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:131587-132228 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTTACTGCTTTAACCGCAAAGAGGCAAAAACCCATGGCGAAGGCGGCAATCTGGTCGGTAGCCCGCTGCA

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>NZ\_FO834906.1:132276-132872 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:132997-133455 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:133433-134647 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:134820-135485 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGAAAGGGTGATAAAATGTTGTAGATTCATGGAGATACGCGTGCTTGATCATCTGGTTATCGGCCGCGGT

GCGTATGTATCTTTTGCCGAACGTGGCTGGATTTAG

>NZ\_FO834906.1:135702-135938 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTCCCGAGTCTGCCAAGTTACTGGCAAGCGTCCGGTGACCGGTAACAACCGTTCCCACGCACTGAACG

CGACTAAACGCCGTTTCCTGCCGAACCTGCACTCTCACCGTTTCTGGGTTGAGAGCGAGAAGCGTTTTGT

CACCCTGCGCGTATCTGCTAAAGGTATGCGTGTAATCGATAAGAAAGGCATCGATACAGTTCTGGCTGAA

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>NZ\_FO834906.1:135959-136126 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGAAGAACAAACGTACCAAACCGGAAAAAATGGAACTGAAAAAGTACGATCCGGTTGTACGTCAGCACGT

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>NZ\_FO834906.1:136331-137008 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGACGCCCACCGGGCAGGCTGTTAGCCTGGCGCTGGACGAAATTGAAGCTGAAAAGCAGCGCCTGAAAGC

GGCTGGCGTCCCCTATACCCGGCCGTGGCTGTTTTTAATGTCGGATGGCGAACCTACGGACAACTGGCAG

GCGGCTGCACAGGCGTGCCGTGATGCGCAGGCGGCAAACAAAGTCGCTGTGTTTCCGATTAGCGTAGGAC

TCGAAGCAACAGAGTCGATGGGGCAGTTCAGCCGTAGCGGTATTAACGGTGTGAAGCAGTTGAAGGGATT

ACAGTTCCGCGAGCTATTCCTCTGGCTCAGCGCCAGTATGCAGGTGGTGTCGCAGTCGACACCGGGCGGT

AAAGCGCAGCTGCCGCCGACGGATAGCTGGTCAGAAATTTCGGTCTGA

>NZ\_FO834906.1:137043-137738 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGGGAGCAGCCACCGACAAAATCAACTTCCCTGCCAGGATGCCTTTTGCTACCGCAATTTGGGCGATC

GGCTTGTCGCCGTTGTCTGTGATGGGGCGGGCTCTGCCGCGTATAGCGAGCAGGGCGCAGCCATGGTCGC

GCATGATCTGGCTAATCGACTGGCGACGTTCACCACTGCACCGGATGAAAAGCAGCTGGTGGCGCTGGTC

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ACCAGCGACGACTGGCGAGAGCATTTACATATCAGCCCGTTTTCTGGCAGAGCCACGCGGTTGGTAATGA

TGACTGACGGCGTACAGCCGTTTGCGCTCAACCGGCGTGGGGATGCGCTGTTCTCTCCGTTTATCGATCC

GGTTTTGCGTTATCTACAGCAATCTTCGGAGGCAGAGGGAAGCGAAGCGCTACGCGCCACGCTGGATGAC

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>NZ\_FO834906.1:137728-139101 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGAGCGGTGGCGCGGGTAGCGTTTACTTCCTGGCGGATGACCCTTCCCGCGTTGCCAAAATTTACCATCC

ACACACCGATACCGCTTACTACCAGCGCAAGCTCAGCGCCATGTTGGCGCAGCGGCCCGAGATCCCCGCC

CCCGCGGAAAATGCGTCGATTGTCCAGCTGGCGTGGCCCGACTATTTGCTCTACGACGAGCGCAAGCGCG

TTGTGGGTTTTGTCATGCCGGTTCTGGACACCCAGCGCACCATTGAGCTGGAGTATATTTTACAGGCACG

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CGTAAACAAGCGGAAACCGATCGCCCGCGGGTCGCGCCAGTAGTGCGGCAGCCTCGTAGGGCGCCAGCCG

CTGCCGTAGCTCGTCAGCCTACCGGGCCGGGGCCGTTAACCCTGCTGTGGCGCAGTATTCGCAGCAGCGT

TCCTTCGTTTGCCTGGCATGGCGCGCTGGCGCTGATGAGTACGCTGATTATGGGGGGGCTGGCGCGCAGT

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TGGCAGCGCTGATATTCCGGTCCATTATTCGGAGCAAGCCATAA

>NZ\_FO834906.1:139102-139824 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGACGCTGAAATTAAGATATCTCATTCTCTTTTTCGCGTTGCTGATGGCTTTTGTGGCGCCGGATCTCG

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GCGGTTACCCGACGCAATAAAGGCTATCTGATTGTTGCAGTGGCGCAGCTGGTTTTTGTCATGGGCATTA

CGTTATTCAAGGTGCCGATTGGCGAGCAAAATCAGCGGCGCTGGCAGAGTATGAATCAGCTGGAAACACC

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GATCAGCACAAGATCACCGAGCAATTTCTCGCGCAGAAAAAACCGCTGGCGGCGCTGCCGCTTGGCTGGA

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CGCCGGAAAACCCGGATGCCTAG

>NZ\_FO834906.1:139924-141435 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AAATGCCGGTGGACGATCGGCAAATCCTGCACATTTTGCAGGCGCGCATGCAGACGCGCTCCTGCGATTT

GCCACTGGATAAGTATGCAACGGAGCAGGGCGAAGCGAGCAAGGTGCTGCCTTTGGCAAAATCAATCGTG

TTTAAAACTGCTCCCGTGCGTAGCGTCAGCCCGATTAACGAACGCTTTCCCGGCCACGTCAGCATTGATT

CGGAGCACTATGGCATCAGGAAAGAGAGTTTGCAGGCGATGCCGTATCCGGCGATACATAAATACATCAA

GTCAGCGACAACCATCCTCTCGCTGGATACTGACGCCAGCGGCGAGCTGTTAAACGGGGTCGTTGAGTGC

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GCCAGCAAGGAGATGATTGCGCAATTTACGCGAATGAAAACACTGTTTCCGCAACAGAAACTGAGCGCGG

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CCGACTATGGCGATATCCTCGGGGAAAGAGCGAAAGGAGAGAATACGGCAAAGGCCGCGGAGATCTTACC

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ATCGATCGGGATGAGGTGTTGAATGCTGCTCTTTTCAACGTGGAGTGGAAAGCGCCGCAGCGGCCGGACG

GACAGCGGGTAGAACTGACCGTTGATATCGATGACACAGGCATGCCGACGCTGGTACTCGTCAGCAAAAG

CAGCACAGTGGAACAGTATGATGCGCAGGCGGTCGATATGCTGTGGCGCTGGAACTTTAAGCCGCTGCCT

GATGCGAGGCGCATAACCGTTGGCGTGAATTTTCTCCACTAA

>NZ\_FO834906.1:141499-142308 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CACCTCGGGATGTCGGGGAGCCTGCGCATCCTGAGCGAAGAACTGCCGGCAGAAAAACACGATCACGTTG

ACCTGGTCATGAGTAATGGCAAGGTGCTGCGCTACACCGATCCGCGTCGCTTTGGCGCCTGGCTGTGGAC

CAAAACGCTGGAAGGCCATCCGGTACTGGCGCATCTTGGCCCGGAGCCGCTCAGCGATGAATTTAACGCT

GACTATCTCCAGCAAAAATGCGCGAAGAAGAAAACTGCGATCAAACCCTGGCTGATGGATAACAAGCTGG

TGGTGGGCGTGGGGAATATCTACGCCAGCGAGTCGCTGTTCTCGGCGGGGATACACCCAGATCGTCTTGC

TTCCTCATTGTCGCGGGAAGAGTGTGAGCAACTAGTGAAGGTGATTAAGCTGGTCCTGCTGCGTTCGATA

GAGCAGGGTGGCACCACGCTGAAGGATTTCCTGCAAAGCGATGGTAAGCCGGGCTATTTTGCCCAGGAGC

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CCAGCGGGCGACTTTTTATTGCCGCCAGTGTCAGAAGTAG

>NZ\_FO834906.1:142388-142867 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTACTTCAGCTTATTCAACAGCGCCTGATGCACATTAGCTGGCAGAAAGTGAGAAACGTCGCCCTGGTGG

CGCGCCACTTCCTTCACCAGTGAGGAAGAGATAAACGACCACTCTTTGCACGGCATCAGAAACACGCTCT

CAAGGGTGGGCATCAGGTGGCGGTTCATATGAGCCAGCTGCATCTCATACTCGAAATCAGCCACCGCCCG

CAGGCCGCGGATCAGGATATTGGCCTGCTGCGCGCGCGCGAAATTGGCCATTAAATCACTGAAGCCGATA

ACCTCCACGTTCACCAGGTGGGCCGTCGCCTGCTCTGCCAGCGCAATGCGCTCATCAAGGCTGAACATCG

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ATCGATATGACCGTTGGTGATAGGGTCGAAGGTACCCGGATAGATCGCTTTTGTGCTCAT

>NZ\_FO834906.1:142864-143640 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AAGCGCCCACGCGGCGGCATACGCCAGCTGTTTTTGCTGGAAGCCAGCGAAGTCGCGGCAGGTCAGGTGC

AGGAGATCGCCGGTCAGCGGAATAACCTCGGCGCCCAGGCTATCCAGCGATTCATGGACCAGATTATCGT

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GCGTCCGAGAAAATAGTTACGGCGGGCGATGCTGTAGATGGCGCCGCGCTGGGAGGCGTCCAGTACCTTA

AGAATAGCCTGCCTGAGTTCTGGCGTGACGCGCTCATCGGTATCGATCATCAACACCCAGTCGCCGGTGG

CGTAATCCTGCGCGCGCTGGCGCTGAATGCCATAGCCTCGCCAGTCGGTATGGGTATAGACCTGGGCGCC

GAGGCGGCGGGCCAGCTCAACGGTGTTGTCGGTGCTGCCGGAGTCGAGGACGATAATTTCATCCGCCCAG

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TCGACAT

>NZ\_FO834906.1:143640-144914 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGCAGCACTTCCACCGCGTGACGGCCATACCACAGACGGTAATCTTCATCGGTCAGGAGCGTGGACACCT

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CCGCCGCGCTCCACTAGGCTGCCGCCGACGAAGGCGAGGTCGGCAATGCCGTAGAGCAGCATCAGCTCGC

CCATGGTATCGCCAATGACTACCTGGGTACTGGAGGAGGGGATCTCGCCGGTGCTGCGCAGAGTAAAGCT

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CTCTGGCGTGACGGAGATATCGAATTTCAGGCTGCCGGTGACCGCCAGCTGGTTGCGCTTCAGCCCCAGA

GAGAGGAAGCGGTTACCATCTTCTTCATTCTGCGCGGCGATAAGCGTAATGCGGCTCAACAGGCGGCGCA

TAAAGCCGCCCAGTTTGGCATAGCCTTTGGCGGAACGTTCGGACAGGCGCGCGTTGGCGATCACCAGCGG

GATCTTACGCTTATGCAGCGCGGCCACCATATTCGGCCACAGCTCGGTCTCCATAACGATCACCAGCTTC

GGCTGAACGGTGTTCAGGAAGCGGTTCATGGCGCCGGGCAGATCGTAGGGCAGATAGACGTGATGAACAT

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CAGGAGCCTTACGACTGCGCAGCAGCAGCCGCAGCCACACCAGCGGCTGAATAAGGTAAAGTAGGGTGGT

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>NZ\_FO834906.1:145006-145995 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGCGATATGGCGTACTTTATCCGGGTAGCGCTGGTTAATCGCCTCCAGCATCTCCAGAATCTTCATATAG

TGGCGCGCCGAACGCATCAGCGTGTCGTCGTTGTCCGGCTTATGCGACACCGACTCAGAGTGAATGTAGT

AATCATAGAACTGCTGACTGGTGTACTGCACGCGCTCCGCGGCCAGCAGGGCTTCTGTGGTCCATGGGAT

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AGCCAGGTGACGTGCAGAAACTTCCGCGAGTCCAGGGCCTGCTTAAGCCAGACATGGCCCGGCAGCACAT

CCGTCGAGGGCAGACGATCCAGTGGGAAGATTGGGTGGCTCTCGCGGCGCTTTTCGTACACATAGGTGCC

GTTGCAGGTAGCGATATCGAGATGTTCTTTCTCGGCCATCTCCAGCAGCGTGCGATACATGCCCGGATAG

AGTTTGTCGTCGATATCCGGAAACGCGAGATATTTGCCGCTGGCGGCGGCGAGGCCGGTATTGCGCGCGA

CCGAGACGCCCTGGTTTTCCTGCTCCAGCACCTGGACGTTCTGCAGCCGCTCCTGCCATTCGGCGATCAC

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TTTGACTCAT

>NZ\_FO834906.1:146025-147119 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGAAACCGTCACCACGTTGCGACCCTGATAAATTCGCTTAATTTTCTGCTGCTTCATCCAGCGGTCAAAG

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GGTTTACGGCAGCGATCGGCAACTACCTGGTAGTCGAGCCCCTCGGGCAATGGGTACTCGCAGACATCGC

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>NZ\_FO834906.1:147122-148249 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GAGCCGACGTAGATCAGGCAGGTCGCCTGCAGCGGCAGCTGCCATTTGGCGCGTAAGGCGGCAAAGGTCT

CTTCGTCTGGCGGCAGGAAGCGCTGGTTGTCAATGGCGTTGTAAATAACGTGGATCTTCTCCGCCGGCAG

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GTTTCACCGGCCCCTGCCATTCGCGGGTGATGACGTTCAGTTGCAGATGACTGCTGTCGAGGGCTTCCAG

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TTACTCAT

>NZ\_FO834906.1:148246-149322 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:149434-150387 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:150388-151371 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACCAATAGAGGACTTGATCAAGGCTAATGATATGGTGGGCTTCGAGATACAGCCACGGAGTGAACATCAT

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TCAT

>NZ\_FO834906.1:151364-152614 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:152598-153770 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:153770-154732 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:154736-155794 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:155804-156736 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:156950-158143 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGCCAATAACTATCTGGGTCTGGCGAACCACCCGGAACTGATTGCCGCGGCGAAATCCGGCATGGACAGC

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>NZ\_FO834906.1:158156-159181 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:159350-160138 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:160144-161091 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:161095-162366 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:162376-163920 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GACAT

>NZ\_FO834906.1:164166-164597 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:164702-164953 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:165014-165481 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:165481-166500 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:166574-167395 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:167477-167950 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:168043-169227 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGCTGATTTCACGGATACTTTTCGCCCCGGTGAGGGTCATCGCCACTTTCATCTCTTTCTCGATGAGGT

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GCTGTCGGCGCCCAGAGCGATCATCCGTACCACGTCGAGCCCGTTACGGATGCCGCTGTCGGCGAGAATA

GTGATGTCGCCTTTCACCGCGTCGGCAATTGCCGGCAGGGCGCGGGCCGAGGAGAGCACGCCATCGAGCT

GGCGGCCGCCGTGGTTGGAGACGACAATGCCGTCAGCGCCGAAGCGCACCGCATCGCGGGCGTCCTCCGG

ATCGAGGATCCCTTTGATCACCATCGGACCGTCCCAGAAATCGCGGATCCACTCCAGGTCTTTCCATGAA

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CGGAGATATTGCCCAGATCGTGCGGGCGACCGTTAAGGCCGACGTCCCACGCCCACTGCGGATGGGTGAC

GGCCTGCCAGTAGCGGCGCAGGGCGGCGTTCGGGCCGCTCATGCCAGAATGGGCGTCGCGGTAGCGGGCG

CCGGGAGTCGGCATATCGACGGTAAAGACCAGCGTCGAGCAGCCCGCGGCTTTGGCGCGCTCCAGCGCAT

TGCGCATAAAGCCGCGGTCGCGCAGGACATACAGCTGGAACCACATCGGGCGCTTGATGGTCGGGGCGAC

CTCTTCGATCGGGCAGACGGAAACGGTAGAGAGGGTGAACGGAATGCCTTTGTCGTCCGCCGCGCCGGCG

GCCTGCACTTCGCCGCGGCGGGCGTACATCCCGCACAGCCCGACCGGCGCCAACGCCGTCGGCATCGCCA

GCTTCTCGTTGAATAACGTCGTTTCCAGACTCAGGTCCGACATATTGCGCAAAATACGCTGGCGCAAGGC

TACATCGGAAAGGTCCTCGACGTTGCGGCGCAGGGTATGTTCGGCGTAGGCGCCGCCGTCAATATAGTGG

AACAGAAACGGCGGCAGGATACGCTGTGCGGCGGCGCGATAGTCGCTGGCGGCGGAAATAATCAT

>NZ\_FO834906.1:169227-169988 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCACGAGTTCTCCCTGGAATTTTCATTGTGGTCACCGGGCAGGCGGGTAATTCGCGCCTGGCGGGCCTGG

TCTTCATCAAAACCGTGGACAAAGCCTAAGTGGCCCATCATCGCCTGGCGCGCCGCCTCGGCGTCGCCGG

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GCGCTGGCGGCTCTGCTTAACGGAGGAGTGCAGCAGGTCGAAAAAGCCGCGCATGGTTTGCAGGAGCACC

ACGTTATGCGAGGCTTCGGCGATCGCCAGGTGAAAGCGGACATCCGCCTGCGAGGCGATATCCGGGTCTT

CACTCTGGGTCGCTTCAAAGCACAGACGAATTTTTTCTTTATCGGCGTCGGTGGCGCGCATCGCCGCGTG

CCACGCGGTGCTGGCTTCGATGGCGTGGCGGGCTTCGAGGATATCGAAGCTGTAGTCCGGGTCATCGGCC

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TGAGACGCCGAGCTGGGCGGCGAGCTGGCGCTCGGCGGGCAGTCGCATGCCCGCCTCCAGCTGTTGTTCT

TCAATCAGCGCCCGGACGCGACGCGCCACGTCGTCGGCCAGGCGTTTAGGCATCACTATCAC

>NZ\_FO834906.1:169985-171640 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CATACAGCGGGTTAAACCCGAGACCAACCAGCAGCGCGGCGGTAATCGCGACCGGTGCGCCGAAACCCGC

CGCTCCTTCGAGAAAGGCGCCGAACGAGAAGCCGACGATCAGCATCTGCAGGCGCTGGTCCGGCGTAATC

GACAGAATCGATGAGCGGATGATGTCGAACTGTCCGGTCTTCACCGAGATTTTATAGACGAAGACCGCGG

CGATAATAATCCACGCGATAGGCCACAGGCCGTAGAAGAAGCCGTAGACCACCGAGGCTAAGGCGCGGTC

CACCGGCATTTTATAGAACAGTAAGGCAACGACCAGCGCGATTGCGACGGTCCAGGTGGCAGCGATGTAG

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GCCAGATATTACCGGCGGGATCGTAGTTTTGTTGCCAGAGATTCAT

>NZ\_FO834906.1:171926-172288 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGGACAACCACCAGGCCGCGAACGCTTTTCTTCAGCTTGCCCATATCGGCCTGCTCTTTTTTGGTAATCG

CGCGGCGGAACGGCAGGCTCATCAGCTTCTGCGCCTCTTTGCTCAGCTTCTGGCTCTGGACGGAACGCAG

ACGTTCAATCTCCGTTTCCAGGGTGGCTTTTTCTTTTTCCAGTTCAGCGTATTTATCGGCGGCTTCCACC

AGCGACAGCTCGGCCTGCTGGTGACGGATGGCGTCGAGACGATCGCTCAGACGCTTGATTTCATTCTTTT

CGACTTCTTTCAT

>NZ\_FO834906.1:172561-172785 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAAAGATCGGCGACGGCGTACCACGTTTAATCGACAAAGCGGTTGATTTTATGGCTTCCAGTCAGG

CGTTTATGGAGTATTTGAAAAAGTCTCCGCGTCTGCAGCATGTACCGCGAGACATTCCTCAGGATAAGGA

AGCGTTGTTCCTGCAGCGTCTGGAATATTATCGTCAGCTTTACCGGCCGACCTGCGACCAGACGGAACCG

GAATCAGAGCGTTGA

>NZ\_FO834906.1:172774-173370 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ATCGTTGAGCGCACCATCTGCTGGTAACGCAGTTTCTGCATTGCCAGCAGTTCGGCATCGCTGTCATCAA

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AAAGCTGTACTCATTGCCGTCGTGGTTAAGCTCTTCGCGCAGGGCCATCAGCAGCTCAGCGTCTTCATAT

TCGGCACGACTTATCACCCCAAGGCCATAAATCAGCTTCAGGCGTACAGAGAGATCGCCGAGCGGCCCGC

TGCCCTCCAGCAAGGGCTCGACGGCGTATTTCACCGCGTAGTCGTCTTTACGGAACACCTGAAGCACCAG

AATATTGACCGCTTCCGTTAACAGCTCGACGGTGGCGATCAGGAAGCTTCGTACGGTTTTGCCAGCATTC

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GTAATGGGCGCGACGTCGGCCGCGCCAGGTTGTGCAT

>NZ\_FO834906.1:173370-174518 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGCGCCAGCGCGGCCTGCGGCCCCTTGTCGGCGATCAGTGCCGCCAGCTCCTGCGCCTGCGGATCGTCTT

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ACCCAGCAGCGGCTTAATTAAACGGTCGCCAGCGCTCAGTTTGCGCAGCGGCTGACGGCCAACGCGCTCA

ACATCGTCTTTCAGGTACGGGTTCTCGAAACGGCCAAGTATTTTCTGGATATAAGCCGCGTGCTTCTGCG

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TTTCTCGTCGAGGATCGCGTCGCGAATCGTCTGATGGCCCGCCAGTTTTCCGAGGTAGGCGGTTATAGCA

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GGATAGTCGGCAGCGCGCCCTTGAACTGAGTCTTATCGACAATCCATTCGCTAAAGGTTTCCACGGTGAC

TTCCAGCGGGTCATGAGTGGCGGAAGCCGATGGCGGCACAATACGGTCAACGGCAGAGTCGACAAAGCCG

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>NZ\_FO834906.1:174619-176526 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTTTTCAGCACGCGGTCCTTCGCTTCGATGGTGCCGTGCGGTACCGCAATGGACTCGCCGAGATAGGTC

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CCACCATAAAGTTAACGCCAGCCGCCAGAATTTTCGACAGAACTTCGACCGCCGGGCCAATGCCGAGGAA

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ACGCGATAAACGCGCCGATATTCGGCATCACCATATTGCTGAGGAAACGACCAAAGCTTTGCACTTTGAT

CTTGATATCGGATGACAT

>NZ\_FO834906.1:177255-177386 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

CTATCAGCTCTACTCGATGGTATCTACGCGTAGATAGCGGTCTACTCCGACCATTTCACCCACGTCTCGG

TGATGCGTAAAGTGCTGCTGCGGATGACCAGCTGGATGCACTACCTCTATCTCGATCATTAA

>NZ\_FO834906.1:177493-178101 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CAAGGTACCGGCGCTGGTGACGGACGACGGTGAGTGCTGGTTTGACTCCCCGGTTATCGCCCAGTATCTG

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AGGCGCTGGCGGATGGCGTGATGGAGGCCGCCCAGGCGCTGGTGCGTGAAAAGGCTCGCCCGGGCGCGCA

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GTTGTTCCAGCGCGCCAGCTTTGCGCGCACTGAACCGCCGCGGACTTGA

>NZ\_FO834906.1:178207-179595 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:179592-181433 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTGGATCGGCTGCGCGGTTCAACCTGCGCGGCGGATTTCCGCGATACCTTAAACGTAGGGCGGAAGCTGG

CGATTCAGATCCTGGAGTATTTCGATCGGATTGGCTTCACCCGCCGTCGCGGCAACGATCATATCCTGCG

CGATAAGGCATTGTTCCGGTAA

>NZ\_FO834906.1:181476-181568 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

GGCGAAAAGAACTTGTTAAAACCACTACGTGAGACCGCCGAAGCAATTTCGCGTGAGCTGGGTTTCACGG

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>NZ\_FO834906.1:181678-182163 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGGCGCACCAGCAGGCGCAGGATGTCGCCGCCCTGTCGACGAACCATTTCGCGCCGCGTATCCGGGTGGT

GAAAAGCGGTGACATATCGACGGCGATGGCCTGTCGGCAGTGCGAGGATGCGCCCTGCGCCAGCGTTTGC

CCACAGGGGGCGATTCAGCGCGACAATGACGTCTGGTGGGTCGACCAGCGGCGCTGCATCGGCTGCAAAA

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GTGATGGTTCCCGCGGAGCTGGAAGCGCTATGCGCGCAAAAACGCCAGCGGCTGGCGCTGGCGTGA

>NZ\_FO834906.1:182206-183462 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGCAGATCCTTAAACCACAGCCAGAGGAAGATTGCCCCCTCCGGTTTGTGAATAAGGCAGCGCTCCTCC

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>NZ\_FO834906.1:183633-185666 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTGCAGCGGGTCCGAGCCGGTGGGGCCGAACGGGCGTGATGATTCGTCGCCATAGAAAATCTGCACGGCG

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CAGGGGACGTGTACCCTTCTCAACCACTTTCTGGCTGATGAATCGGCCGGTCCCTTCTTCGGTAAAAGCA

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>NZ\_FO834906.1:185981-186799 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGGCGATTACTGCGGATCGTAACTGGCTTATTTCCAAGCAGTACGATGCTCGCTGGTCACCAACTGAGAA

GGCGCGCCTGAAGGATATCGCTTCCCGTTATAAGGTGAAGTGGTCAGGCAATACGCGTCATGTGCCCTGG

AACGCGCTGCTTGAGCGTGTCGACATTATTCCGAACAGCATGGTGGCGACCATGGCGGCGGCGGAAAGTG

GCTGGGGTACCTCCAGGCTGGCGCGCGAGAATAACAACCTGTTCGGCATGAAGTGCGGCGCCGGTCGCTG

CCGCGGCGCGATGAAAGGTTACTCGCAGTTTGAGTCGGTAGAGCAGTCGGTGCAGGCTTACGTAACAAAC

CTGAACACCCACCCGGCCTATTCTTCTTTCCGCAAGTCGCGCCTGCAGCTGCGCAAGGCGGATCAGGAAG

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>NZ\_FO834906.1:186839-188017 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:188250-189431 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:189409-190950 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:191015-192010 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTTCTTTATCTTCAT

>NZ\_FO834906.1:192505-193827 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:193920-195374 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:195543-195914 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:195946-196392 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CCGACCACCGCGCTGTACTACACCACCTGTCTGGTGGTCTTCGTTATCGCTGTAGGTCTGCTGGTGATCG

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>NZ\_FO834906.1:196419-197414 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:197594-197893 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:198021-198932 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:198942-201011 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:201308-202677 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:202878-203306 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AACCCGCTCACCTAGTGGCCACGCTGGACCTGTCGAGTCGCTTGCCTCGCTTTTAAAGTGCCTGAAACTC

AATTCCTGA

>NZ\_FO834906.1:203440-203706 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAATCAGATGTTCAACTCAACCTAAGAGCTAAAGAGTCTCAGAGAGCACTCATCGATGCCGCTGCAG

AGATCCTTCATAAATCGCGAACCGACTTTATCCTGGAGATGGCCTGCAAGGCTGCGGAGAATGTGATCCT

TGATCGCCGTGTTTTCAATTTTAACGACGAACAGTATGCAGAGTTCATCGATATGCTCGATGCACCAGTC

GAGGATGAGCCCGCCATTAATAAACTACTGGCAAGGAAACCTCAGTGGGACGTATAA

>NZ\_FO834906.1:203719-204947 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGATAACCCAGCGCACTATGCGGATGCCATTCGTTATAATGCTCGAACGCCTCTGCAAGGTTCTTTGCTG

CCGTTAACCCGTCTGGTTTGGGCATGATACTTATGTAGTCACGCTTTATCGTTTTCACGAAGCTCTCTGC

TATTCCGTTACTCTCCGGACTCCGCACTGCCGTGTTCTTCGGTTCAAGTCCCAACATCCTGGCGAACTGA

CGTGTTTCATTCGCCCGGTAGCATGAACCATTATCCGTCAGCCACTCCACTGGAGACGCCGGAAGCTCGC

TGCCAAAGCGGCGTTCCACTGCTCCTGGCATGACGTCCTGTACTGTTTCACTGTCGAAGCCACCCGTTGT

GACCGCCCAGTGCAGTGCCTCACGGTCACAGCAGTCCAGCGCGAACGTGACCCGCAGTTTTTCTCCGTTA

TCACAGCGGAACTCAAACCCGTCAGAGCACCATCGCTGATTACTTTCTTTCACAGCCACTCTGCCGGTAT

GTGCCCGTTTCGATGGCGGTACAGCGGGTTTTCGCTCAAGCAACAGCGCATTCTGGCGCATGATCCGGTA

AACACGTTTGGCATTGATCGCAGGCATACCATCAGGTTCTGTTTGTCTGCGAAGCAGCGCCCATACCCGA

CGATAACCATATGTGGGCAGCTCTCCGATAACATGGTGTATACGGCGAAGCACATCCGTATCATCCGTGT

GACGGCTGCGGCGGCCGTCCTTCCAGTCATCGGTTCGTCTGAGAATGACGTGCAACTGCGCACGCGACAC

CCGGAGACAACGGCTGACGAAGCTTACTCCCCATCCCCGGGCAATAAGGGCGCGTGCGCTATCCACTTTT

TTGCTCGCCCATATTCAACGGCTTCTTTAAGGAGTTCATTTTCCATCGTTTTTTTGCCGAGCAGGCGCTG

GAGTTCTTTAATCTGCTTCATGGCGGCAGCAAGTTCAGAGGCAGGAACGACCTGTTCTCCGGCAGCCACA

GCAGTAAGACTTCCCTCCTGGTATTGCTTACGCCAGAGAAATAGCTGGCTGGCTGCCACACCATGTTGCC

GGGCAACAAGGGAGACCGTCATTCCCGGTTCAAAGCTCTGCTGAACGATAGCGATCTTTTCCTGTGTAGT

ACGCCGTCTGCGTTTCTCCGGCCCTAAGACATCAATCAT

>NZ\_FO834906.1:204958-205515 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGACTAGTCTAAAAACTAGTATTAAGACTATCACTTATTTAAGTGATATTGGTTGTCTGGAGATTCAGG

GGGCCAGTCTAATAACCGCGCCCGAGCCGTTATCCAGCGCTCATCAGCTGGCTGAGTTCGTCAGTGGAGA

GACAGTCCTCGATGAATGGCTAAAACAGAGAGGTTTAAAAAATCAAGCTCTTGGCGCTGCCCGAACGTTC

GTTGTTTGCAAGAAGGGTACGAAGCAAGTAGCTGGTTTTTACTCTTTGGCCACCGGTAGCGTTAACCATA

CGGAAGCGACAGGCAGTCTTCGGCGTAACATGCCAGATCCTATACCGGTGATTATACTCGCTCGCCTGGC

GGTAGATGTCTCATTGCGCGGAAAAGGGCTTGGCGCTGATTTACTTCATGATGCAGTACTTCGTTGCTAT

CGGGTTGCCGAGAATATAGGTGTACGTGCAATCATGGTTCATGCGCTCACAGAAGAAGCCAAAAATTTCT

ACATTCACCATGGTTTCAAACCATCACAAACTCAGCCGCGGACACTGTTCCTCAGACTCCCTCAGTAA

>NZ\_FO834906.1:205859-206011 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCCGCAAAAGTATCTGTTGTTTGGCTTAGTAGTGATTTGCTTCACTATTTTATTATTGACCTGGATGG

TTCGTGATTCGCTATGTGAATTACAGCGCAGGCAGGGAAATATTGAGCTGGTGGCATTCTTAGCCTGTGA

TATTAAACAGTAA

>NZ\_FO834906.1:206313-207923 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCTCATTGCGCCCACATCCCCGCTTTTGTTTTACATCAGGTCACCTGTCAGTTTGCGACGGGACAGA

CCCTGTTTGGTCCGCTCAGCGTCTCGCTGGAACCGTCCCTTTGCGGCCTGGTCGGCCGGAACGGCGTCGG

CAAGACGCGTCTGCTGGCGGGCCTTGATTCTCCTGCCGGCGGCCATATTGAGCGCGCCGCCGCCGTTGCC

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TTGCCGCCTTGTCTCGCCTTGAACAGGGCCAAGGGCTGGCCGACGATTTCGATCTGTTAGATGGTCACTG

GGATCTCACCGATCGCCTGAGTTTAGCGTTCCGTGAAGCCGATCTCCCGCCGTTCTCTGCCGATCGCCCC

GCGTTTTCACTCAGCGGCGGCGAGCGGATGAAGGCTCTGCTGTGCGGCGCCTTCGTCTCGGGCGCCGATT

ATCTGCTGCTGGATGAGCCTACCAACCATCTGGACCGCCAGGGGCGGGAGTGGCTCTATCACCAACTGGA

AAGCTGGCAGGGCGGGGCTCTGATCGCCAGCCACGACCGCGAGCTGCTGACGCGGATGCCGAGGATTATT

GAGCTGACGCCGACGGTGCTGCGCAGCTACGGCGGCAACTATGATGAATATCAGCGCCAGCGTATGGCGG

AGCAGCAGGCCGCGCGCGCGGCGCTGGAGCATGCCGTGACCGACCGACGGCGCACCCGCGCGCGAATGCA

TAAGGAGCATGACGCCGCCCAGCGGCGCTCGGCTCAGACGCTGCGTACCGTTGATACGCTAAATATCGCC

TCCTTCGAACGCGTGAAGTACAAAGGCGCGGCAAAAGAGCGCCCGGGAGCGCTGCGCCGTCAGCATCGTG

AACAGAACAGCAGTCTGAATGCCGCCGTGCAGCAGGCGCGGGAGCGGGTTGAGGAAGAGACCCCAGTGAT

GTTTACCCTGCCGGGTAGCGAAGTGGCCGCCGGCAAGCAGGTACTGGTGGTGGAGTCATTACAGCTCGAC

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CTGAGCCTGGAAGATACCCCACTGGATGAGGGCCTCCTGCGCACCCGCCTGGCGCAGCTCCAGCTGGGCG

CGGATAAGGTCACTCTGCCGCTGTCGGCGCTCAGCGGCGGCGAGCGCCTGAAAGCGGCGCTGGCGTGCGT

GCTCTGGCGACGCGAGCCTGCCCAGCTGCTTTTGTTGGATGAGCCAACCAACCATCTCGATTTAGCATCG

ACGCAGGCTATTGAAAGCGCGCTGGCGGCGTTTCCCGGCGCGATGCTGGTGGTGTCGCATGATGAGGCGT

TTTTACAAGGTCTGAAGCTGACCCATAGTCTGGCGTGGCGGGAGACGAGCTGGCACTTTTCCCTGCTTTG

A

>NZ\_FO834906.1:208022-208234 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTACAGAGAAGTTACGTTGCCAGCTGCCGGGCCTTTAGCGCCGCTTTCGATGGTGAAGGATACTTTCTGA

CCTTCGTCCAGGGATTTGTAGCCATCGTTCTGGATAGCAGAGAAGTGTACGAACACGTCTTTAGAGCCAT

CGTCAGGAGTGATGAAGCCGAAGCCTTTGTCAGCGTTGAACCATTTTACGATACCAGTCATTTTACCGGA

CAT

>NZ\_FO834906.1:208487-208777 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GACGGTCTGACCCGTCTCGACTCCCACTCTCTTACCATGGCGACGCTCACGCCCATGACGTTGGCAAAGT

CGTCAATCTTAAGTCCAGTGCCTTTACGCAGCTGTTCAAATTCACTAAACACAGTGGACTTACGGTTTGA

GGTAAGTTTCTGATTATCATCCTTAAAAACGATGTGTTCCAGGCTGCTCAGCAGTTCAAACACGGGATCT

TTATATTCCAT

>NZ\_FO834906.1:209023-210378 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGCAGCGCAAAGGCTGACAGGAACGCCGGGATGGCCAGCAGGGTGAAAATGGTCTCAAAGGAGAGCTGAG

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GACGCCGGTGGCGCGCCCCTGCGTCGGATAGAAGCCAGCCGCCAGCGCCGGCATCGACGACTGCGCGCCG

TTCATAATGCTGCCGGCGATAAAGACCATCACTCCCATTAGCGCCAGGCTGCTGGTGGAGAACCCCACCA

GGCAGACAAAAACGCCGGTCAGCAGCCAGCCGACGGCCACCACTTTATTGGGGTTGATCTTGTCCATCAG

GGCGCCGAGGATCAGCACGCCAATCCCGCCGCCGAGCGGGAACAGGGCGGTGATAATTGAGGCCTGACTC

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TTTCTCTTTCACCTGGCCTGCTTCGCGTAGTACAAATTCCACTGCCTTCGGCAGCGGCGCGATATGGCGC

AGGATAGCAGCAATGCGCTGCGCCGGGTGCTGCTTCACTACCAGATAGCGGACGGACTCTGGCAGCAGGA

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CGGGATCATCCAGGCGGATAAAAAGCCGCCCAGCGAAGATCCCATCGGAAAGCCGACAAACATCAGGTTC

ACCAGCAGCGCCCGACGGCGCTCCGGCGCATATTCACTCATTAGCGTCGCGGCATTCGGCATCGCCGCGC

CAAGGCCCAGGCCGGTCAGGAAGCGCAGCAGCGTCAGCTGATTAAGGCTGGTGGCGAAGGCGGTGAGCAG

GCTGAATCCGCCGAACACCACGATCGACATGATCAGCACTTTTTTGCGGCCGATGCGGTCAGCCAGCGGC

CCTGCGGTTAAGGCGCCGACCGCCAGGCCCACCAGCGCGGCGCTCATCACCGGGCCGAGGGCCGATTTTT

CCACGCCCCACTCTTGCACCAGGTCGGAGGCGATGAACCCAATAATTGCGGTATCGAACCCGTCCATCGC

GACGGTGATAAAGCAGAGCGCAAGGATCATCCACTGGTAGCGGGTGAAGGGGTGCTCGTTGATAAAGGCC

TGAATGTCGATGGTTGTCTTAGTCAT

>NZ\_FO834906.1:210819-211529 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCGACAGGAAAGTCCTGCTCTCGCTGGTTTGCGGCTATGGCGGCCTTATTGATGGTGGTTAGCCTGA

GTGGGTGTTTTGATAAAGAGGGCGATCAGCGCAAAGCGTTTATCGACTTCCTGCAGAATACGGCGATGCG

TAGCGGTGAACGTCTGCCGACGCTGACCGCCGATCAGAAAAAACAGTTTGGGCCTTTTGTCTCTGACTAC

GCGGTGATCTACGGTTACTCGCAGCAGGTGAGCCAGGCGATGGACGCTGGTCTGCGCCCGGTGGTGGACA

GCGTCAATGCGATCCGCGTCCCGCAGGATTATATGACCCAGCGTGAGCCGCTGCGTCAGGCGAACGGCGC

GCTGGGCGTGCTCAGCCAGCAGCTGCAGAATGCGAAAATGCAGGCCGATGCCGCGCATGGCGCGCTGAAG

CAGGCTGACGATCTCAAGCCGGTCTTCGATCAGGTTTACGCCAAGGTGGTGACGGCGCCAGCCGACGCGC

TGCAGCCGCTGATCCCGGCCGCGCAGATCTTTACCCAGCAGCTGGTTCAGGTTGGGGATTTTGTCGCTCA

GCAGGGGACGCAGGTGAGCTTTGTCGCCAACGGCATTCAGTTCCCAACCTCCCAGCAGGCCAGCCAGTAC

AATGCGCTGATTGGGCCGCTGGCGGCGCAGCATCAGGCGTTTAATCAGGCATGGACGGCGGCGGTGAACG

CCACCCGTTAA

>NZ\_FO834906.1:211638-212609 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTATTTTACCTGCGGATTGACGCAGTTTTTCTCTACGTTGCCGTTCAGGGCGTTGATCAGGTTGTCCACC

GCACAGGCCGCCATGTTGTAGCGCGTCTCATGGGTGGCGGAGCCGATATGCGGCAGCGCGACGACGTTCG

GCAGGCTCAGAAGCGGTGAGTCCTTGGCCAGCGGTTCGTGTTCGAACACATCGAGACCGGCAGCGTGGAT

CTCACCGTTCTGCAGGGCGGCGATCAGCGCCTGCTCGTCCACTACCGGGCCACGCCCGGCGTTAATGAAG

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GGATCAGGCAGACAAAGTCAGCCTCCTGCAGCAGGGTATCGAGATCGCAATAGCGGGCATTGAAGCGTTC

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GCCAGCGCCATACCGATGCGGCCCATGCCGACGATGCCTAAGGTTTTATGGTGAACATCCGTGCCGAACC

AGTCCGGACCAATGCTCTTCGTCCATTCACCCGCTTTGACGCGCTCCGCCACTTCCACCACCCGGCGCGC

GGTACTCAGCACCAGCGCCATGACCGTATCGGCGACGGTCTCGGTCAGCACGGTCGGGGTATGCATCAGC

AGCACCCGGCGGGCGTTCAGCGCCTCGACGTCGAAGTTGTCATAGCCAACGGAAACGGTGGAGGTTGCAC

GCAGCTTCGGCATCTTCTCCAGCAGCGCGGCGTCAACCTTTTCGCTGGAGCCCAGCAGGCCTTCAGCCTG

GGCGAAGGCCTCAGCGTGCTGCGAAACGGTCTCCGGCCGCAGGTTTTTCACCTGAGTGACGGAAAAGTGC

TCCTCCAGACGCTGTAGCAGGTCGTCGGGAAGCGTTTTATAGAGAATGACAGACGGCTTCAT

>NZ\_FO834906.1:212634-213914 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCAGGCGTGATGAGCGCCAAGTGGAAGGTTTTGATTATTAGCAGGCTTAACAATCAAAGTCAGCCATACT

GAGGCGAAAAGCGCTACCCCCATAAAAATATAGGACGCTGCGGGGCTGCCGGTGGCGCCGTTCAGGTAGC

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GACGTTGCGCGGCAGCATTTCCGGAATAATGGCGAAGAAGGGGCCGTAAGGCGCATACATTGCCGCCCCG

GCCACCACCAGCAGGGTGTAGGAGACCCAGAAGTGGTTGGCGCCGACCGCCCAGGAACCGATGAAGGCCA

GTCCGCCAATCAGCAGCAGCGGCCAGACGAACAGCTTACGGTTTTGCAGTTTATCCGAGGCCCAGGAGAC

GACGATCATGGCGATGGTGGCCGCCAGGTACGGGACAGAAGAGAGCCAGCCCACTTCCACCATCCCCATA

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GACGGCTTATCTTTCACCAGCACCCACCAGCAGAAGGCCCAGATCACCGCCGGCACCCCTTCGATGATGA

ACATTTCCCGCCAGCCGAAGGCCTGAATCAGGTAGCCGGAGACTACCGACATCCACAGGACCGTCACCGG

GTTACCGAGGATCAGGAAGGTGTTGGCGCGAGAGCGCTCTGATTTGGTGAACCAGTTGCTGATATAGATA

AGCATCGCCGGCATCACCGCGGCTTCGACGACGCCGAGGATAAAGCGGATCGCCGCCAGCGCCGGAATAT

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AGCAGGGAGGAGATCCCCTTGGTGATGCCCAGGTCTTCGGTAATGCCTGCCGCGGAGGCGAAGCTGAAGT

TGGCGCGGTCGAGGTACGCCAGGCTATACGTGATAAACACGATAGGCATGATGTACCACCAGCGTTTCGT

TGCATTTGTTGAGCTATTCAT

>NZ\_FO834906.1:214019-214954 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CAAAGCCGTCGCCGGCACCGACGGTATCGACGACGTTATCGACTTTAATGGCATCGACCGTTCCCTGTTC

GCCGCTGGCGCTCTTGAACCAGGCGCCGTCGCAGCCGGTTTTAATGACTACCGCCTTGACGCCGCGGGAG

AGATAGAAATCGGCAATCCCTTCCGGGGTCTGCTGGCCGGTAAGAATCACGCCCTCTTTTAAGCCTGGCA

AAACCCAGTCAGCCTGGAAGGCGAGACGGTTGAGTTTCTCCACCATCTCGGCTTCGCTTTTCCACAGCAC

CGGGCGCAGATTGGGGTCGAAAGAGAGGGTTTTTCCTTCGGCTTTCATTACCTTCGCCGCATGCTCCAGC

AACGCGTAAGAGCTCTCAGAAAGGGCCGCCGCGACGCCGCTCAGGTGCAGATGGCGGGCGCTGGTGAAGT

AGTCGGCGCGAAAATCGTCCGGCGAAAGATGGCTGGCTGCGGATCCTTTGCGGAAATACTCCACAATGGG

ATCGGTTCCATTTTCGACTTTCGATTTCATCTGGAAACCGGTAGCGAAGCGGTTGTCGATGGCCACAGCG

TGGCTATCGATCCCCTCTTTCGCCAGCGATTGCAGTACGAAGCGGCCAAAGCTGTCGTTGCCGACGCGGC

TCACCCAGCCGACTTTCAGGCCCAGGCGCGCCAGGCCGGTGGCGACGTTCAGCTCGGCGCCGGCGACACG

TTTCATGAAATGCTCCACCTCGGCCAGATCTCCGGTTTCGGTGGCGACAAACATGGCCATAGCTTCGCCG

ATGGTGATGACATCTAAATTTTCCAC

>NZ\_FO834906.1:214958-215707 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAATCCTCGCGTAACAGGTTGACGTAGCGGCGGGTCACGGCCGTCAGGTCATGGCCAGTCAGCGGAAAC

TCGATTCCACGCGGCGCGTCGGCGGGAAGATTATCGAGCAGGGCCAGCCAGCGTTCGGCGGCCTGATCCG

GCGGTACAGCGCGGAATTTCTCATGATGAGGCTCCGCCGCTTTAACATGAATATAGCTGACTGCCGGCGC

AAGATGACGTGCCGCCTCTTCCGGCGAATCGCCAACCCACAGCCAGTTGCCCATATCAAATGTTAAGGTG

ATCGGCAGCTGATGGACCCGGCAGGCGGCTTTGAAGCGCTGCATCGGCGCCAGCTGGCCGCAGTCGGTCT

GGTCATTCTCTACCACCAACGCCATGCCGCTGTCGCTGAGGATATCGCGCAGCTCATCCAACTGCTGATT

GTGGAGGAAATGGCCAAGGGAGAGCTTCAGCCACAGAGCGTTCAGAGTTTGCGCTTCCGCGAGCAGCGTC

GGGAGATCCGGGTTAAGCTCGCCGTTGTCGGTGAACAGCGCCTGCGGCGCGGAGTAGCAGGCCAGCAGGC

CGTGGCGCTCAATGGTGGCCGCCAGCGAGGGCAGAGCGTTGAGCTCTTCCGCGCTGCACAGCTCGCGGCG

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ACATGGTCATTACCATACGCAGCGGTAACGACAATAATTTTTCTGGCCAT

>NZ\_FO834906.1:215819-216835 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CCGGCAATGCGCCGAATAACCTGTTCGACCGCCGCGTAGCCGATCTGCCACGTCGGCTGTTTGAGGGTGG

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GATCAGGCCGACGCGCTTTAGGGCGCGGGCTACCTGCAGCGTCAGCGCGCCGTTGGCGGAGATGACCGCT

TTGCGCATCCCGCGGTGGCGGGCATGGAACTGACGCAGGACGTTGTCCAGCATCGCGCCGTCGTTAAGCT

GCACCTCGGCGTTTTCGGCCACCACGCCGTGGTGGCGGGCAAGCGTGGCGCGAAAGGCGCTCAGGCGCTC

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TGTTCGGTGGCGGTGGTGGCGGCCTGGGCGTTATCAAGCCCGACCACATCGCAGGCGAAGTCGGGGATTT

TACGGTCAATCAGCACCATCGGCAGGGCCGACTGCTGCAGGCGGTTCAGGCCATCCTCCCGCATACCGAC

CGCGTTGACCACGATGCCTTCCACCTGGTAGCTGCGCAGCAGGTCCAGGTAGTGCAGCTCCTGATCGAGC

TCGTTATTGGTATTACACACCAGCAGGGTGAAGCCCTTTTCCCGGCAGGCTGCTTCAATGCCGCTCATGA

CGTTGACCGAGTAGGGATTGGTGATATCGGCGATGATCAGGCCGATGAGGCGGGTTCGGCCGTGCTTGAG

GCCGCGGGCCATCAGGCTGGGGCGGTAGTCGAGTTCGGCAATGGCTTTTTCAATACGTGATAACAGGTCG

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CCACATCGCTGATAGTTGCACGCGCCGCTTTCGCCAT

>NZ\_FO834906.1:216939-217601 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GTAGCCGACCACGTTAACAGCGGTTTTCTCATACTCTTTCAGCACCATGGCCACGCCGGTCAGGGTGTTG

GCGCCGGCCGGCTTCAGGTTGGCGCTATTGCTGTCGAAGGTGACGTTATTCGGCATGTTCAGCACGATAT

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CAGCGCCGCAATCATAAGTACGCGTTTTTTCAT

>NZ\_FO834906.1:217769-220099 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACGGGGAAAACGTCCTCTCTTCCCGCGGCGCGCTGGCGACACCGTTTGCCAACTCGCTGCAAACGGCAGT

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GACAAGCCCCAGGGGGTCCGCGGTCAGGATGAATTCGTGCGGGTGAGCTGGGAGCAGGCGCTGGATCTGA

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GCAGCGTCAGCAGTATGGCGAGCAGAAACACTGGATGCTGGTCACTCTGGCCGCCATGCTGGGACAGATC

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CGGTGCTGGGCTCGATGCAGGGGAGCGTGGCCGGAGGCGTGGACGCGGTGGAGAAGATCCCGGTCGCACG

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GCGCGGGATTGTCGATGGCGATTTGGTGCGGGTATGGAACGCCCGCGGTCAGGTGCTGGCCGGCGCCGTG

GTGACGGAGGGGATCCGCCCGGGGGTGATTTGCCTGCATGAAGGAGCGTGGCCCGACCTGGATCCGCAGG

TCGGCATCTGCAAAAACGGGGCGGTGAACGTCTTAACCAAAGATATTCCGACATCCCGGCTGGGCAACGG

CTGTGCCGGGAACACCGCCCTGGCGTGGCTGGAGAAATATACCGGCCCGGCGCTGCCGCTTACGGCATTT

GATCCGCCGGCCAACGCATAA

>NZ\_FO834906.1:220068-220508 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCTTCAATCCGGAAGCCCTGCGCATGGTAGAAACTCACCGCCGATTCGTTCTTCTGATAAACCTCAAGGC

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CGCGACAAACAGCGCGCCGACGAAACGGGAGTCCAGCACGCTGACAAAGCCTTTTAACTCGCCATCCTGC

TCCCAGACCCAGGTGCTGGCGGCGGGAAGATAGACATCCCGTACTACCGCGACGCTGTCGCGCCAGTAGC

TTTCGCTGATAAAAGGATGGGCATGAATTGTGCTGTCCAGCCACAGCGCCAGCAGCGGCGCGGTATCTTT

AGTGTCCCACTTGCGGATCAT

>NZ\_FO834906.1:220486-221067 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAGTGTCCCACTTGCGGATCATCCTGACCTCCAGGGTGACAGAAGCAGCCGGTGACATGGTCGTTGACC

AGCCCACAGGCCTGCATAAAGGAATAACAGATTGTCGAGCCGACAAACTTAAAGCCGCGTTTTTTCAATG

CCTTCGACAGCGCATCGGAGGCCGGCGTCGTGGTGGGAATTTCCGCCAGCGTCGCAGCGCGGGTCACCTG

TGGCGCATTGTCGACGAAGGACCAGACAAAATCAGTGAACGACTCGCCATTTTCTTCCATCGCCAGATAG

GCGCGGGCGTTGCCGATAATGGCCTGGATTTTTCCCCGATGGCGAATGATGCCGGTATCCTGCAGGAGTC

GCTCGATATCGTCATCACCCATCGCCGCCACGCGCACCGGATCGAACTGGTGAAAAGCCTGGCGGTAGTT

CTGCCGTTTTTTTAACACCGTAATCCACGATAAACCGGCCTGCTGGCCCTCAAGGCAGATCATTTCAAAC

AGCTGGCGACCCTCTTTTTGCGCCACACCCCATTCGGTATCGTGATACTCGATGTATAACGGATCCTGAC

TCACCCATCCGCAACGCTGCAT

>NZ\_FO834906.1:221273-221854 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

GTGTCATGTGTCTCTGGAGCGAATGCCTGGCAACAGGAATATATCGCTATCGATACAAAAAGTAATACGT

CGGAACGCTATACATGGGATAGCGATCACCAACCACGTTATGAAGATATTCTCGCCGAGCGGATGAAGTC

CTCTGAGACGCCCGGGGGGCTGGCGTTAAACCAGGGGCTGGCGCCGCCGGACAGCGGCCGCGGCCTGAGC

ATTGGCTGGAATTATCCGCTGGCAAACGGCGTAACCTCCGGGCCGGTGGCCAGCCTGCGCAGCGACGTCA

CCGCGCCGACGGTGAGAAGCGCAGGCGAGGCGGGCTACGTTAACACGCTCGGCTGGCGCATGGATTATCA

GGCGCTGTGGGGCGTGCATCCCTGGGCGCAGGTGAGCTATAACCAGTCGCTCGCCAGCGATGTCTGGGCG

CCGATGTCCCGTGCCAGGGAGGGAGGCTGGAGCGATGTCACCCTGGGCGCTGATATGCGGTTGGGATCCC

ACGTGGCGGCATGGGCAACGCTGTCGCAGGCGGATAACCTGCCGTCAGGGGAAAATACGCTCTATTTGAT

GGGGGTCAGCGCCAATTTTTAA

>NZ\_FO834906.1:222096-223301 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGTGGCTTTTTCCTTTGGTCTGCTGAGCCTCGGGCTGGCGCTCTCTTCGTCGGTCGCCGGCAAGCTGCAG

GAGCGCTTTGGCGTGAAGCGCGTCACCATGGCCTCCGGGATCCTGCTCGGCCTGGGCTTCTTCCTGACCG

CGCACTCCAGCAGCCTGATGATGCTGTGGCTGAGCGCGGGCGTGCTGGTGGGGCTGGCGGACGGCGCCGG

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TAATTGGCGTAGCGAAAGATATTGCCCAGGGAATGGTCCACCTGGATGTCGCCACGGCGGCCAACGCGGT

AACGGTTATCTCGATTGCGAACCTCAGCGGTCGCCTGGTGTTAGGTATCCTGTCTGATAAAATCTCCCGC

ATTCGCGTAATTACCATCGGTCAGGTCGTGTCGCTGGTGGGGATGGCCGCGCTGCTGTTCGCCCCGCTGA

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GTCGCTGGTGAGTGAGTTCTTTGGTCTGAACAATCTGGCGAAAAACTATGGCGTGATTTATCTGGGCTTC

GGTATCGGCAGCATCTGCGGCTCTCTCATCGCTTCGCTGTTCGGCGGTTTCTACGTGACCTTCTGCGTGA

TCTTCGCCCTGCTGATCCTCTCGCTGGCGTTATCCACCACCATTCGTCAGCCGAAAAGCACGGTATATAA

CGAGGCGCACGCCTGA

>NZ\_FO834906.1:223544-225217 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAATATATTAGAACGATGACGCAGCAGAAGCTTAGTTTTTGGCTGGCGCTGTACATCGGATGGTTTA

TGAACGTCGCCGTTTTTTTCCGGCGTTTCGATGGTTATGCTCAAGAGTTCACTTTCTGGAAAGGGCTTTC

CGGTGTTGTTGAACTGGTTGCCACGGTATTTGTCACCTTCTTCCTGTTACGTCTTCTGTCGCTGTTCGGC

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TCCTCAATGTGGTGATTGGCTACGGGATCATCGCTTCGGTGATGACCACCGATATCGACCTGTCGAAAGA

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AATCTCGTCGCCTTCCGCGGTTACTCGTGCGATACCGCTACCAAACTGTCGTTACGCTGCATGTTTGTGC

GCGAGGGCGGGGCGGAAGATAACCCCCAGCGGACGCTCAAAGAGCAGAATGTCTTTGCCGTACTGCATCA

GCTGGGCTTCAGCGGCAATCTGTACGCCATGCAGAGCGAGATGTGGTTCTACAGCAACACGATGGCCAAC

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TGGTGGATGAGATGAAGCGCGGTATGGCGCAGGGCAACGCCTCCGGTAAGCATCTGATCATTCTCCACAC

CAAAGGCTCCCACTTTAACTACACCCAACGCTACCCGCGCAGCTTCGCCCAGTGGAAACCGGAGTGCGTC

GGCGTCGACAACAAGTGCTCGAAAGCGGAACTGATCAATTCCTACGACAATAGCGTGGCCTATGTCGATC

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GGAGTCGATTAACGAGCGTGAACACCTGCACGGTACGCCACGCAAGATGGCGCCGCCGGAGCAGTTCCGC

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CGGCTATACCTCGCCGGATGGCGGGATCAATGAGAACAACAACTGGTGCCGGTGGAAAAAGTAA

>NZ\_FO834906.1:225409-226803 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGCTGGCGGCGGCGCGTGGCAGCGATACCGCGATTATCGGCGATCTTCTCCAGGCGGGAGCGTCGGTGAA

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TATCAGCATATTCTGGCGATGAAAAAGCCCGATGCGCCTGTCGAAGAGGAGAGTACGCTGGACAAGATAG

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CCGAACCGTGAAGGACTCACGGCGCTGCAGGTGGCGGCGGGTCAGGGGGCGCCTGCGGTGATCGCGGCGC

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GGCTATACGGCGATTGGCTACAGCCGGGCCGGCGAGGTTCGCCAGCTGCTGCTGGCACAGCATGCCGAGC

TGAAGGGGCAGGCCGCGCATATGGCGCAAAGCGAACTGCAGTTTTGTGCTAATGCCTTTGCTGACAAGCT

GGCATACAGCGACATCGCCCGGGCGGTGAATAACGATACCCGCCCGGATATTATGCGTCATCAGCAATCC

TGCCCGGAGCTGGGGGAGCTGACGATGCTACTGGGAGAGTTTACATTCACCCCGGCGGGCGCGACCTATC

TCGGCGAGCCGGTGACATGTAAGGTATCCGAGTATCGCAAAACGTTTGAGGTCAACTGCCGCTAA

>NZ\_FO834906.1:226923-226999 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

CGGTGATTGGCGCAGCCTGGTAGCGCACTTCGTTCGGGACGAAGGGGTCGGAGGTTCGAATCCTCTATCA

CCGACCA

>NZ\_FO834906.1:227161-228524 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GAGAACAGAGTACAGCCGACCTTTTTGGTATTGAAAGAACATCTGTCCGTCGCTGGGTCAGGGCATGGCA

GTTCCACGGTGCAGAAGGCCTGACTGCAAAAAATAATCATTATTCCGATGAATTTAAACTCGTGGTCGTC

CGGGCGGTTATCAGTGACCGCCTGACGATGCGTGAAGCGGCTGCCCGGTTTAATCTCTCCGCAGAAATAC

TTGTCCGGCGCTGGCTCGACGTGTACAACGATGCCGGAGCGGAAGGTCTTTTAAACATGCAATGCGGACG

GCCCGGACAAATGACAAAGCCAAAAAATATCCCACCACTGACAGATAAAGAGCTGGAAAAACTCTCCCCC

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TTCAGAGCGAAAAAAATGGCAAAAAGCCCTGATAATCAGTGAACTAAGGCATGAACACGCTCTGCGGGAC

CTTCTGCGGGCGGCCGGTATGTCCCGTAGCACGTGGTATTACAATATGAATGCACTGAAGCAAGGGGACA

GGTATGCGGGTCTTAAAGAGAACATCAGGAAGATATACCACTATCACAAAGGTCGTTAGGGCTACCGCAG

GATCACGCTCGCACTGAGAAAACAGGGGCTGCGGATAAACCATAAAACAGTGCAGCGGCTGATGGCAGAA

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CCAATATCCTGAGCCGGAACTTCGGTGCGTCAAAAGCCAACGAAAAATGGGTAACAGATGTGACAGAGTT

CCCGGTACAGGGAAAAAAGCTTTACCTGTCGTCAGTTCTCGATCTGTTTAACCGGGAGGTTATCGCCTAC

AGCCTGTCGGAAAGGCCGGTGATGGAGATGGTGAATACGATGCTGGACGGTGCGTTCCCGAAGCTCAGAC

CGGGAGATGCTCCGCTGCTGCACTCGGATCAGGGCTGGCATTACAGGATGAGGAGCTATCAGGAACGTTT

AAAGGCGCATGGGATGACGCAGAGTATGTCGCGTAAAGGAAACTGCCTGGATAATGCAGTGATGGAAAAC

TTCTTCGGGACCCTGAAATCGGAGTGTTTTTATCTGAGGGAGTTCAGGAGTGTCAGTGCGCTAAGAAAAG

CCGTAGAGGACTATATCCATTACTACAACAACGAGCGGATAAGCCTGAAATTAAAAGGCCTGAGTCCGGT

AGAGTACCGAACCCAGGCTCTGAGAGCCGCTTAA

>NZ\_FO834906.1:229164-230771 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CACCTCTGGCACCACCTATGATGCCAGCTCCGTACCGATCTATAACCGCCTGGTCGAATTTAAAACCGGT

ACGACGGAAGTTATTCCAGGACTTGCTGAGAAATGGGAAGTCAGTGCGGATGGCAAAACCTATACTTTCC

ACCTCCGTCAGGGTGTGAAGTGGCAGGATAATAAAGACTTTAAACCAACCCGTGACCTGAACGCCGATGA

CGTGGTGTTCTCCTTCGATCGCCAGAAGAATACTAATAACCCGTACCATAAAGTTTCTGGCGGCAGCTAT

GAATACTTTGAAGGGATGGGCTTACCGGACCTGATTAGCGAAGTGAAGAAAGTGGACGATAATACCGTCC

AGTTCGTCCTGACCCGTCCGGAAGCGCCGTTCCTCGCTGATCTGGCCATGGACTTCGCCTCCATTCTTTC

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GCAGAAAAACGAGTGCCAGGTGATGCCGTACCCGAACCCGGCGGACATCGCGCGCATGAAGGAAGATAAG

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GACTACACCTACGATCCTGAGAAGGCGAAGCAGCTGCTGAAAGAAGCGGGCATGGAAAAAGGCTTCACCA

TCGACCTGTGGGCAATGCCGGTACAGCGTCCGTATAACCCGAATGCGCGCCGTATGGCTGAAATGATCCA

GGCCGACTGGGCGAAAGTCGGCGTACAGGCCAAGATCGTCACCTACGAGTGGGGCGAGTACCTGAAACGC

GCGAAAGCGGGCGAGCATCAGACCGTGATGATGGGCTGGACCGGCGACAACGGGGATCCGGATAACTTCT

TCGCGACCCTGTTCAGCTGCGCCGCGGCGAAAGACGGCTCCAACTACTCGCGCTGGTGCTATAAGCCGTT

TGAAGATCTCATTCAGCCGGCCCGCGCTACCGACGACCACAACAAGCGTATTGAACTGTACAAACAGGCT

CAGGTAGTGATGCATGACCAGGCTCCGGCGCTGATCATTGCTCACTCCACCGTCTATGAGCCGGTGCGTA

AAGAAGTCAAAGGCTATGTGGTGGACCCGCTGGGCAAACACCACTTCGATAACGTCTCTGTCGAATAA

>NZ\_FO834906.1:230906-231925 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTTGCAGTTTATTCTCCGACGTCTGGGACTAGTCATCCCGACATTTATCGGTATCACCCTTCTCACCT

TTGCTTTCGTCCATATGATCCCCGGCGATCCGGTGATGATTATGGCGGGCGAACGTGGTATTTCCCCCGA

ACGTCACGCGCAGCTGCTGGCCGAAATGGGCCTTGATAAGCCGCTGTGGCAGCAATATGCCCACTATATC

TGGGGCGTGCTGCACGGCGATTTAGGCATCTCGCTGAAAAGCCGCATTCCCGTGTGGCAGGAGTTTGTCC

CGCGCTTTAAAGCCACTCTTGAGCTGGGCGTCTGCGCGATGATCTTCGCCGTCGCCGTCGGCATTCCGGT

GGGCGTGCTGGCTGCGGTAAAACGCGGCTCCATCTTTGACCACACCGCGGTGGGCCTGGCGCTGACCGGC

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CGGTCTCCGGGCGTATCAGCGATACGGTGTTCCTTGACGATACCCTGCCGCTGACCGGCTTTATGCTGAT

CGACACAGCCATCTGGGGCGAGCAGGGCGACTTTATTGACGCCTTAATGCATATGATCCTGCCCGCTATC

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AAGACTATATCCGTACCGCGCGCGCCAAAGGCCTGACCCGGATGCGGGTGATCGTGATCCACGCGCTGCG

TAACGCGATGCTGCCGGTGGTCACGGTGATTGGTCTGCAGGTGGGCACCCTGCTGGCGGGCGCCATCCTG

ACGGAAACCATTTTCTCATGGCCTGGTTTAGGTCGCTGGCTGATCGACGCGCTGCAGCGTCGCGATTATC

CGGTGGTGCAGGGCGGGGTGCTGCTGGTGGCGACGATGATTATCCTCGTCAACCTGCTGGTCGACCTGCT

GTACGGCGTGGTGAACCCGCGTATCCGGCATAAGAAGTAA

>NZ\_FO834906.1:231935-232837 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACTATTTCAAACGCAACAAAGGGGCGGTCGTCGGGCTGGTATACGTGGTGGTGATGATCGTCATCGCGGT

ATTCGCCAACTTCCTCGCCCCCTATAACCCGGCGGATCAGTTCCGTGATTCGCTGCTGGCGCCGCCGTTC

TGGCAGGACGGCGGCAGCATGGCGCATCTGCTCGGCACCGACGACGTGGGCCGCGATATTCTGTCGCGCC

TGATGTACGGCGCCCGCCTGTCGCTGCTGGTGGGCTGCCTGGTGGTGGTCCTGTCGCTGATCCTCGGCGT

GGTGCTCGGCCTGGTGGCGGGCTATTTCGGCGGAGTGGTGGACTCAATCATCATGCGCGTCGTCGATATT

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CCTCGCTGGCGCTAACCTTCGTGGCGCTCCCGCACTATGTGCGTCTCACGCGCGCCGCGGTGCTGGTGGA

GGTCAACCGTGACTACGTGACCGCCTCCCGCGTAGCGGGCGCCGGCGCGATGCGCCAGATGTTCGTTAAT

ATTCTCCCTAACTGTCTTGCGCCGCTGATCGTTCAGGCGTCGCTGGGCTTTTCCAACGCCATTCTCGACA

TGGCAGCGCTGGGGTTCCTCGGCATGGGCGCGCAGCCGCCGACGCCGGAGTGGGGCACCATGCTTTCCGA

CGTGTTGCAGTTCGCGCAGAGCGCTTGGTGGGTAGTCACCTTCCCGGGCGTGGCGATCCTGCTGACGGTG

CTGGCATTTAACCTGATGGGTGACGGTCTGCGTGACGCGCTCGATCCCAAACTGAAGCAGTAA

>NZ\_FO834906.1:232848-233831 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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ACCGCATCAGCTATAGCGTGAAGCAGGGTGAAGTGGTCGGTATCGTCGGGGAGTCCGGCTCCGGTAAATC

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AACGGCCGCGATCTGCAGCGCATCTCTGAAAAAGAGCGGCGCCAGCTGGTGGGGGCGGAAGTGGCGATGA

TCTTCCAGGATCCAATGACCAGCCTCAACCCGTGCTTCACCGTCGGCTACCAGATTATGGAAGCGATTAA

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CATTCAGGCGCAAATCATTGAGCTACTGCTGGATCTGCAGCAGCAGGAGAATATGGCGCTGGTGCTGATC

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GCCGGAATTCGCCCAGGATAAAGCGCGTCTGGCCTCGCTGCCGGGCGTGGTGCCGGGGAAATATGACCGT

CCCAACGGCTGCCTGCTTAATCCGCGCTGCCCCTATGCCACGGATAAATGCCGTAGCGAAGAGCCGGCGC

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ATGA

>NZ\_FO834906.1:233828-234841 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGTAAAACGCTGGCGGTAGTGGGGGAGTCGGGCTGCGGCAAATCGACCCTCGGTCGTCTGCTGACGATG

ATTGAGATCCCCACCGGCGGCGAGCTCTATTATCAGGGGCAGGATCTGCTTAAGCACGACCCGCAGGCGC

AGAAGCTGCGGCGGCAAAAAATCCAGATTGTGTTCCAGAACCCGTATGGTTCGCTGAACCCGCGTAAAAA

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TTAGGGCTGTCCTACGTGTTTATCTCCCACGACCTGTCGGTCGTCGAGCACATCGCCGATGAAGTGATGG

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GCCCCTGCACTCAGCTCCAGCCGCAGCTGAAGGATTACGGCGGCCAGCTGGTGGCCTGCTTTGCCGTCGA

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>NZ\_FO834906.1:234860-235039 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GCTCTCAGAGCATTCTTCGTAGATTATCCGAAAAAATAAGCCTTTCAGTCCATTTTTATAGAATTAAAGA

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>NZ\_FO834906.1:235356-235895 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TTTCTTCGCAAGCCGCCACGCGGGAACACGGCGACTGGGCAATCCTCAATCAGCTAAATCCCGGCGCCGA

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TTCCGCCAGGTAGAGGCGGCCGTAGCAGCGGCGCCAACCTCTGATCCTGTTGTGTCTGCCGCTTCGGCCG

CGCCTGCTACTTCCCAGCCGGTCGTGGAGACCGCCGCAGCCGCACCGGAGCCGGTCAGGCAGGAGCCTGC

GCCGACCCCTGCGCCTTCAATTCCGGTGTCGGAACCGGCCATGGCGCCGCCGCCGAGAATGGCCCCCCGA

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AAGACCAGCCTTTGAAATCACTTCTGGAAAGGATCGCGACATGCCGTTGA

>NZ\_FO834906.1:235897-236689 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTGCGTCTGTTCACCGAAAGGCGGCGTAGGGAAAACGACCCTGGCGGCCAATTTAGCCTATTCGCTGGCG

CGGACGGGCAGCAAAGTTCTGGCGCTGGATTTTGATGTCCAGAACGCGCTGCGTTTGCATTTTGGCGTAC

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>NZ\_FO834906.1:236709-238820 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGGACGTTATGA

>NZ\_FO834906.1:238817-241251 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:241248-245300 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:245300-245776 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:245788-246789 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:246897-248563 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:248560-248757 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:248757-250310 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:250479-250667 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:250679-251410 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:251407-254025 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:254036-256381 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:256385-257494 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:257476-260955 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:261198-263204 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:263361-264647 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:264867-266369 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:266424-267353 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:267548-269599 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:269637-270959 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:271231-272262 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:272369-273268 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:274181-274714 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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-274146 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:274781-276433 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:276673-277821 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:277948-278571 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:278624-279976 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:280049-280891 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:281085-282356 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:282539-284581 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GATCAAAGGCTGA

>NZ\_FO834906.1:284589-285341 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:285485-286951 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:287208-287645 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:288028-288363 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:288419-289915 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:290145-291338 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:291378-292391 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:292717-293115 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:293103-293894 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:293891-294655 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:294655-295488 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:295485-296429 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:296429-297997 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:298136-298996 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:299094-299600 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:299973-301112 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:301114-302097 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:302094-304079 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:304076-304978 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:304978-306633 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:306630-306968 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:306968-307348 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGGTGGCCTTGCCGCCGCTGACCGATATTGCTGCATTTCTCCAGCATCTGCTGCATTTCCAGCCCGGGAC

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TGCCCGGCTGGCATGAGCCGTTCTACTGGCAATCGCTGCTGGGCGTGGCGATCATCGTCGCCGGCGTATT

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>NZ\_FO834906.1:307345-308394 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:308528-309748 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:309749-310306 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:310380-311045 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:311252-311497 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:311824-314034 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:314113-314739 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GGCGCCTGCCAGGCCAGTAACAGCAACAGAATCAGGGTGACAGGTTTAAAAACCCAGCGTCGCCATGCCG

GCCCACGATAGGATGCATCGACATAAAGCCATGCGGAGAAACAGACAGCAATAAATGACCAAAGCAT

>NZ\_FO834906.1:314890-315240 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:315254-315529 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AAACAGATTCAATAACAGAAAGGCCCAGACGCACAGCATCAGCAGGCGGCCTAAATTAATCAGCAT

>NZ\_FO834906.1:315519-316115 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGCGGGTCGACGAACACGATCTGGTGCGGGGTCCCCGGCTGGCTCAGGAAGCTGAGGGTGTTGGTGGTG

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TCTCCAGCAGCGTGGTGCTGGCCGCATAGCGGGACAGCGCTTCCAGCCCCAGCGCGCCGCTGCCGGCAAA

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>NZ\_FO834906.1:316298-317821 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:317824-318492 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:318485-319540 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:319810-320664 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:320717-322240 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:322359-323624 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:323772-325016 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:325274-326377 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:326523-326906 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:327329-328438 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:328500-329426 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:329423-330700 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:330697-331464 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:331466-332179 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:332343-332564 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:333202-334518 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:334625-335512 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:335509-336354 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:336356-337426 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:337423-338163 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:338187-338507 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:338631-340376 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:340466-340942 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:341181-341834 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:342099-343136 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:343258-343953 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:344067-345062 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:345243-345773 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:345773-347113 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:347110-347472 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:347576-348682 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:348920-351106 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:351103-353079 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:353161-354456 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:354456-355889 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:355907-358354 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:358530-358877 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:358877-359176 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:359239-360747 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:360952-361281 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:361332-362162 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:362212-362970 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:362986-365691 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:366316-368706 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:368717-370810 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:370913-372229 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:372566-373141 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:373200-373874 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:373913-374686 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:374807-375076 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:375165-375404 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:375414-377732 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:377761-377988 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:378401-380731 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:380832-381305 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:381533-382252 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:382249-383604 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:383682-385304 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:385665-386549 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:386568-386969 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:386966-387650 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:387711-389837 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:390158-390718 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:390772-393330 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:393449-394249 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:284589-285341 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:394756-395184 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCCGCGTTCGTTTTCGCTGGGCCGTGAGGCGCAGACGCTCCGCCTGCGACTGCTGCTGGAGGCGGAAGAT

GAGCGGTAA

>NZ\_FO834906.1:395174-395557 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:395490-396734 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:397005-397526 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:397582-398676 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:398761-400047 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:400126-400953 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:400971-401648 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:401641-402402 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:402395-403399 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:403472-404845 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:404998-405324 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:405321-407864 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:408103-409425 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:409422-410609 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGCGACCCGCGTCTGCTGTGAACCGAGCGTAATGATCGAGGTGTAAATGGCGCTGGAGAAGAAGCCCAGG

GTCAGAATAAACCACGGCATATGCTCCGGCGAACCATTGATAAACAGGTACATCAGCACCGTCGCGAGCC

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CATGTAGGACATCCAGAAATCGCTCACCAGTTTACCGGCGTCGCCGAGGCTCATGCCCAGGCTCTTCGCA

TATTCCGGTACCCAGGAGATAAAGCCCAGCTGACCGAGGATGTAGCACAGCGCCGCAACGGAGAGGAACA

GCACGCCGATGCCCCACTTCTCTTTCACCACCGGCTGGCTGTTTTCGCTCTGGGCTTTTTTGCCCAGCAC

CGGAAAATCACAGCCGAAAGTCAGGACGAAAATAGCGACATACACCAGACCAATACAGGCGTAGACCCAG

TACCACTCGATGCTGCGCGCCAGCAGGACGGCGGCGACCATCGGGAAAATCATGCCCGCCATGCTAAAGA

AGGAGTCGGTAAACAGCAGACGCGCCCCGCGCTGACGGCCTTCATACATATGGGTGATCAGGAAGGTCCC

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CTGAGCATCAGGCCGGCCACCGCCAGCACCATCAAAATAAAGCCAAAGCGCAGCTGAGTTTTCAGCGGCA

CGATTTCCATCAGCCAGGCATTGAGGAAGATGGAGATAAGAATACCGGCGTTCAGAAAGGTAAAGGTGTT

GCTCATACTGGAAACGGGCAGATGGAAATAATCCGCAATGTTACCCATCACCATCCCGGTGACGATCACC

AACGCGCCGGTCAGGGCGTAGGAGAAGAAGCTGATCCATGTGAGCTTAATACGGTTGCTGTTAGTCAT

>NZ\_FO834906.1:410886-411455 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCTCAAATCAACACTGGCGGCGATGGCTGCCGTTTTCGCTATTTCAGCGTTCTCCCCGGCCATGGCGG

CAAAGGGCGATCCGCATGTGCTGCTGACCACTTCGGCAGGCAACATTGAGCTTGAGTTAAACAGCCAGAA

AGCCCCGATTTCCGTGGATAACTTCCTGAAGTACGTCAACAGCGGCTTCTACAACAACACCACCTTTCAC

CGCGTGATCCCGGGATTCATGGTGCAGGGCGGCGGCTTTAACGAACAGATGCAGCAGAAGCAGCCTAACC

CGCCGATCAAGAATGAAGCAGACAACGGCCTGCGCAACACCCGCGGCACCATCGCGATGGCGCGTACCGC

CGATCAGGATAGCGCCACCAGTCAGTTCTTCATCAACGTGGCGGATAACGCCTTCCTCGACCATGGCCAG

CGCGACTTTGGCTATGCGGTATTCGGCAAAGTGGTGAAGGGGATGGATGTTGCGGATAAGATCTCCCAGG

TCCAGACCCATAACGTTGGTCCGTACCAGAATGTGCCGACCAAACCGGTCGTTATCCTCTCTGCGAAAGT

GCTGCCCTAA

>NZ\_FO834906.1:411562-411729 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCGTCCACTCACCGATAAGCAAAAATCCCGACTCTGGGAACAGACACGCAATACCAATTTTCAGGCCA

GCCGTCGCCTTGAAGGCGTGACGGTGCCGCTGGTTACGCTGACTGCCGAAGAGGCGCTGGCGCGTCTGGC

GACGTTGCGGAGGGAGTATGAGCGATAA

>NZ\_FO834906.1:411719-412321 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCGGCATCCGCCAGGCTAAAAATCTGCAGCAGGCCGCCTTTGAGATGACAGCGCTGCGGGCGGCCACTCT

GCCGCTGGGCCCGCGGGTACGCGGCTTACCCTATCTGTGCGCTATTCATCACCAGTTGTATCAGGATCTG

TTTGACTGGGCGGGCCGCTTGCGTGAAGTGAACCTCTACCTGGGCGATACGCCATTCTGCCACTTTGCCC

GGATCGAGGAGGAGGGGAATGCCCTGATGCAGGCCCTTGAGCAGGAGGATTATCTCAGTGGCCTGCCGCG

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AATGGCCTGACCCAGCGTATTTTCTTTGAACAGCTGGCGATACATGCCGGCTACCTTCTTAACTGGCGTG

ACGTTGACCCCGCCGGCTGGAGTGCGGCCTGCCAGCAGAGCGCGATGGGCGATCTGGCCCCGCTGGTGGC

GATCTTTCGCAAAGTGGTAAGCGAAGCGCGGGAATCTGAGTAG

>NZ\_FO834906.1:412354-412917 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGAAGTACTGGTCAGGCGCAACGATGCGTTGACGCTGGAGGAGATAGCGGCGCTGGCGCCGGAGAAAAT

CGTGATCTCGCCAGGCCCCTGCACGCCGGATGAGGCGGGGATTTCCCTCGCGGTTATCCGCCACTATGCC

GGAAAAACGCCGCTGCTGGGCGTCTGTCTCGGGCATCAGGCGATCGCCCAGGCGTTTGGCGCGACTATCG

TGCGGGCGGCCCAGGTGATGCATGGCAAAACCTCGCTTATCGAGCATAACGGCGAAGGGGTGTTTCAGGG

GCTGAATAATCCCCTGACGGTGACCCGCTATCACTCGCTGGTGATTGACCCGCCGACGCTCCCGTCCGAG

TTTAACGTCACTGCCCGCAGCGCCAGCGGTGAGATTATGGGGATCCGTCACCGCGAATGGGATCTCGAGG

GCGTGCAGTTTCATCCGGAAAGCATCCTCAGCGAGCAGGGCCATCAATTGCTGGCCAACTTTTTGAAACG

GTGA

>NZ\_FO834906.1:413008-414228 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TCGAGGCTACCTTCGCCGAGCGCGTGGTGTTTATGAACTCCGGCACCGAAGCCAATGAAACGGCCTTTAA

GCTGGCGCGTCACTATGCGGTGACCCGCCATAGCCCGTATAAAACCAAAATCATCGCCTTCCATAATGCC

TTTCATGGCCGCTCCCTGTTTACCGTTTCCGTCGGCGGTCAGCCGAAGTATTCCGATGGTTTCGGCCCAA

AACCGGCGGATATTGTCCATGTTCCCTTCAACGATCTGCAGGCGGTAAAAGCGGTGATGGATGACCACAC

CTGCGCGGTGGTGGTGGAGCCGATTCAGGGCGAAGGCGGCGTGACGGCGGCCACGCCGGCTTTCCTGCAG

GGACTGCGCGAGCTGTGCGATCAGCACCAGGCGCTGCTCGTCTTTGATGAAGTACAGTGTGGTATGGGGC

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CCCCGGCGGTGCTGGATGGCGTGAGCGCGAAGCGCGAACTGTTCGTCAAACACCTGCAGCGGCTGGATGC

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AAAGGCCGCGCGCGTGATTTCCTCTATGCCGCGGCCGACGCCGGCGTCATGGTGCTCAACGCCGGGCCGG

ACGTGATGCGTTTTGTTCCCTCGCTGATCATCGACGAGCAGGATATTACTGAAGGGATGGCGCGCTTTGC

CCAGGCGGTGGCAAAGGTGATTAACGGCTGA

>NZ\_FO834906.1:414218-416296 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AATAAACTGTTCCCCGTTAAGCGTCAGCAGCTGCAGGGTATATACCGCCGTCACCGTAAACCCAACCATC

GCCCAGCCATAGTGTTTGCGAATGATCAGATAGCTGAGCAGGGTAATCAGCAGCATCCCGCTCAGGGTGT

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GCCGCAGTGCATAGTTGACTTCCGGGTGGTAAATCAGCCTGCGCCACAT

>NZ\_FO834906.1:416348-416980 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAACGGGTGCCGTAGACGACGATGGTTTTACCGTGCGCGGAAATCAGGTTCTGATCTTCCAGCATTTTC

AAAATACGACCAACGGTTTCACGAGAGCAGCCGACGATCTGACCAATTTCCTGGCGGGTAATTTTAATTT

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GAGAGACGCATCAGAATGTCCGGGTTCACCTGGATCAGCTGACGGAATTTCTTATAAGAGATTTCGGCCA

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GATGAAATCGCCCTGGTTGAGGTAGGAGAGGATCATCTCTTTACCTTCTTCATCCTTGATGAGTACAGCC

ACGGAGCCTTTAACGATGTAGTACAGCGTTTCTGCTTTTTCACCCTGGTGGATCAGCGTGCTCTTTGATG

GGTACTTATGAATGTGGCAATGAGACAAGAACCATTCAAGGGTAGGGTCTGTTTGCGGTTTGCCAAGCAC

CAT

>NZ\_FO834906.1:417287-417691 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCAAGCGCGTGTGAAATGGGTAGAAGGGTTAACCTTTATCGGGGAGTCCGCATCGGGACACCAGATTC

TGATGGATGGCAACTCCGGGGATAAGGCTCCCAGCCCGATGGAGATGGTGCTGATGGCGGCGGGCGGTTG

CAGTGCGATCGATGTGGTCTCCATTCTGCAAAAAGGTCGTCACGACGTGACCAATTGCGAAGTGAAGCTG

ACCTCCGAGCGTCGCGAAGAGGCTCCGCGTCTGTTCACGCATATTAATCTGCATTTTATCGTCACCGGCA

AGGCGCTGAAAGATGCCGCGGTCTCCCGGGCGGTGGACCTGTCGGCAGAGAAATACTGCTCGGTGGCGCT

GATGCTGGAAAAAGCGGTGAACATCACCCACTCCTATGAGGTGATCGAGGCGTAG

>NZ\_FO834906.1:417746-418615 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAGCCTATCTTACGGCCTTCCATCAGGCGCTCGACCAGCGGCGTCATGATAAGCTCCATCGCCAGCCCC

ATTTTACCGCCCGGCACCACCAGGGTGTTCATGTGCGAGATAAACGAGCCCTGCAGCATCGCCAACAGCC

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TTTGGCGGCAAACGGGTTGGAGGTGTCCACCGTCGGCACGCGCTGAAAGTTGATATGGGTGCGGGAAAAT

TGCGGCGTAATGAAGTTGATGTAATCTTCCATCGAGCGGACGACCGAGTCCATCACCGCCTCCCGGGAGT

GGCCGCGTTCGCTGGTGTCGCGAATAAGCTTTTGGATCCACTCGAGGTTAACGATAGGCACCACCCCGAC

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CTCCAGCAGGCCGAAGTCGTTCGCCTCCGGGCCAAAGTAGCTGATATGTTTGCCCTGATCCCGCGCCTTA

CGGATCGCCATGTCCATTTCCGGGCGGGTGTAGCGATGAAAGCTATCGCCTTCCACCTCCGCGGCGTGCA

GGTTTAGCTGCGCGAAGATTTTGCGAAAGGCAAGGCTGGTGGTGGTAGTGCCCGCGCCGCTGGAGCCCGT

GACGGCGATCACCGGATGTTTGGCAGACAT

>NZ\_FO834906.1:418652-418870 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGTGCCTTCACGTAACACAAAGCTTTCAATCAGGTTATCCAGCGTTTCGGGATCCAGATCCTGCCAGGG

AATAATCAT

>NZ\_FO834906.1:418867-419865 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTTAGTGATATCGCTGAGCCGCGGCATGGCGCTGCATTGCCGGTAATAATCCAGCGCATCGGCAAAGCCA

TGGATTTTGGCGGTGATCATATCGTCAAATTCCCGGATGCGGCGCATCCCTTTGAGCTGGCGTAAATCGA

CGGGCAGCGAGCCCGGGTACGCTTTCAGCTTGCGTGAAGCGTTGGCTTTTAACAGATTGAGCAGATAGCG

CTGATAAACCCGCGAGAAGCCCTTATCCATATGATAGCTGCAGGCTTCGAGCATGAAAGGCGCGGAGACG

ATCACCGCCGCATCCAGCGGGCAGCGGTCGCCTTCCTCTGCCAGCAGGCAGCCCAGCATATTGCCGCCCA

GCGAATAGCCGACGGCCGCGGTCGGCGCGGGACCAAACTCGCGCTTCAGCCAGTGCAAAAACCAGGTGCC

ATCTTCCGTTTCGCCGGAGTGATAGATGCGGTGATTGCGGTTAGGTTCGCCGCTGCAGCCGCGGAAATGC

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CAGATCGACAAAATCGCCGTCCGGCAGCTCAAGGCGCTGCCAGTGCGGGGTAAAGCGCAATTTACGGCGA

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CGTTTTCGGGGGGCGTCAT

>NZ\_FO834906.1:420093-421997 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:422171-422734 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTGA

>NZ\_FO834906.1:422721-424526 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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AGCGCGAAATGCAGAAAGAGAGCCGGCAGCTGGACGGCTGGGACGAGTTTGAATAA

>NZ\_FO834906.1:424538-424738 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAGTGCGTAAACGTTTTATTGCCGGGGCGAAATGTCCGGCGTGCCAGGCGCAGGATTCGCTGGCAA

TGTGGCGTGAGAATAATGTCGATGTTGTTGAGTGCGTTAAGTGCGGTCATCAGATGCGTGAGGCAGATAA

AGAGGCCCGTGAGCATGTACGCAAAGAGGAGCAGGTGATTGGCATTTTTCATCCCGACTAG

>NZ\_FO834906.1:424832-425419 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TATGACGAAAACCTGGTGCAGCGTGTACCGAAAGACGTCTTCATGGGCGTTGATGAACTGCAGGTTGGCA

TGCGCTTCCTGGCGGAAACCGATCAGGGTCCGGTACCAGTAGAAATCACTGAAGTTGAAGACGACCACGT

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GAAGCGACTGCGGAAGAGCTGGAGCACGGTCACGTGCACGGCGCGCATGGCCACGATCACGATCATGACC

ATGGTCATGACGGTTGCTGCGGCGGCCACGGCCACGATCATGGTCACGACCATGGTAAAGGCGGCTGCGG

CGGCCACGGTGGCTGCGGCTGCCACTAA

>NZ\_FO834906.1:425478-425696 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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>NZ\_FO834906.1:425919-426749 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CTGGGCATTAAGCTGGATAAATCCCAGCTGATCGCCGGCGTACAGGACGCGTTTGCCGATAAGAGCAAAC

TGTCCGACCAGGAGATCGAACAGACTCTGCAGGCCTTTGAAACGCGCGTGAAGACCGCGGCTCAGCAGAA

AATGGAAAAAGACGCCACTGAGAACGAAGCCAAAGGCAAAGCTTTCCGTGACAACTTTGCCAAAGAGAAG

GGCGTGAAAACCTCAAAAACTGGCCTGCTGTATAAAGTCGAGAAAGAAGGCGCTGGCGATGCGCCGAAAG

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TCGCGGCGAGCCGCTCTCTTTCCGTCTCGACGGGGTGATCCCGGGCTGGACTGAAGGCCTGAAGAACATC

AAGAAAGGCGGCAAAATCAAGCTGGTTATTCCGCCGGACCTGGCCTACGGTAAAACTGGCGTCCCGGGCA

TCCCGGCCAACTCTACGCTGGTCTTTGATGTAGAACTGCTGGATATCAAACCGGCGCCGAAGGCAGATGC

ACAGCCGGAAGCCGCAGGCGATGCGAAAGCCGCGGACGCGAAAGCTGACGCTAAGAAGTAA

>NZ\_FO834906.1:426918-427640 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTCCAGGTCGCTTTTAACCAATGAAACCAGCGAGCTTGACCTGCTGGATCAACGTCCCTTTGACCAGA

CCGATTTCGATATTCTCAAATCTTATGAAGCGGTAGTGGACGGGTTGGCGATGCTCATCGGTTCGCACTG

TGAAATCGTGCTGCATTCTTTGCAGGATCTGAAATGCTCTGCCATCCGTATCGCCAATGGTGAACATACC

GGCCGCCAAATTGGTTCACCGATTACCGATCTTGCGCTGCGCATGCTGCACGATATGACGGGCGCCGATA

GCAGCGTTTCCAAATGCTACTTTACCCGTGCTAAAAGCGGCGTACTGATGAAGTCGGTGACGATTGCCAT

TCGCAACCGCGATCACCGGGTGATTGGTCTGCTGTGTATCAACATGAATCTGGATGTGCCGTTTTCCCAG

ATCATGAGCACCTTTATTCCGCCAGAAACGCCTGAAGTGAACTCGCCGGTGAACTTTGCTTCTTCGGTAG

ACGATCTGGTCGCCCAGACGCTGGAGTTCACCATTGAAGAGGTGAATGCCGATCGCAGCGTGTCTAACAA

TGCGAAAAACCGTCAAATCGTGCTGAATCTCTACGAGAAAGGGATCTTCGATATTAAAGACGCCATTAAC

CAGGTAGCCGATCGTCTGAACATCTCCAAGCACACCGTCTACCTCTATATTCGCCAGTTCAAAAGCGGCG

ATTTCCAGGGGCTGGATAAGTAA

>NZ\_FO834906.1:427640-428026 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCGTTTTGCCCTCACGGTGACCGGCCCAGCCTATGGCACGCAGCAGGCGAGCAGCGCCTGGCAATTTG

CCCAGGCCGTGCTGCAGGAAGGCCATGAGCTGGCGTGCGTTTTTTTCTATCGCGAAGGCGTGCTTAACGC

TAACCAGTTGACGGCGCCCGCCAGCGATGAGTTCGATCTGGTGCGCGGGTGGCAATCCCTCCACGATGAG

CACGGCGTCGCGCTGCATATCTGCGTGGCGGCCGCCCTGCGTCGTGGCGTAACGGACGAACGCGAAGCGC

AACAGCTCGCTCTGCCTGGCCACAATTTGCAGCCGGGTTTTAGCTTGAGCGGGCTCGGCGCGCTAGCGGA

AGCGGCGCTTACTTGCGATCGGATGGTGCAGTTCTGA

>NZ\_FO834906.1:428026-428385 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAACGTGTGGCTTTTGTATTTTCCTCTGCGCCGCACGGCAGCGCCGCCGGCAGGGAAGGCCTCGATG

CCTTATTAGCAACCTCCGCGCTCACCGACGATATTGGCGTGTTTTTTGTGGGCGACGGCGTGTTTCAGCT

GTTACCCGAACAGCGGCCTGGCGCTGTGCTGGCCCGCGACTACATCGCTACCTTTAAATTGCTGTCGCTA

TATGATATCGACCAGTGCTGGCTGTGCGCCGACTCAGCGCGAGAGCGCGGCCTGGATCCCGCGACCCCGT

GGGTGGTGGATGTCGAATGCCTGGCGCCGGATGCCCTGCGCGCCCGTCTGCATGAATTTGATGTGATTTT

GCGTTTCTGA

>NZ\_FO834906.1:428393-428680 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCTCCATACGCTCAGTGTTTCCCCCTGGCATGCCGACATCGCAGCGATGCTTCGTTTGATGGAGCACG

GCGACGATCTGGTACTACTGTCTGACGGCGTCACCGCGGCCATCGCCGATGGTCGCTTCCTTGAGATCCT

GCAATCCGCCCCCATAACCCTATACGTGCTGCAAGACGACGTTGACGCCCGCGGGCTGGCTGGTCAAATT

GCGGACAGTGTCGGCAGGGTTAGCTATACTGATTTCGTCAGACTCACAGTCAAACATGCCGGTCAGTTGG

CCTGGTGA

>NZ\_FO834906.1:428805-429179 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAACAATTAACCAGCTGGTACGCAAACCACGCGCGCGCAAAGTTGCAAAGAGCAACGTGCCAGCGC

TGGAAGCCTGCCCGCAGAAACGTGGCGTATGTACTCGCGTATATACCACCACTCCTAAGAAACCGAACTC

CGCACTGCGTAAAGTTTGCCGTGTGCGTCTGACTAACGGTTTCGAAGTCACCTCCTACATCGGTGGTGAA

GGTCACAACCTGCAGGAGCACTCCGTGATCCTGATCCGTGGCGGTCGTGTTAAAGACCTTCCGGGTGTTC

GTTACCACACCGTTCGTGGTGCGCTTGACTGCTCCGGCGTTAAAGACCGTAAGCAGGCTCGCTCCAAGTA

CGGCGTGAAGCGTCCTAAGGCTTAA

>NZ\_FO834906.1:429276-429746 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCCACGTCGTCGCGTCATTGGTCAGCGTAAAATTCTGCCGGATCCGAAGTTCGGATCAGAACTGCTGG

CTAAATTTGTCAATATCCTGATGGTAGATGGTAAAAAATCTACTGCAGAAACTATCGTATACAGCGCGCT

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CCGACTGTCGAAGTTAAGTCCCGCCGCGTAGGTGGTTCTACTTATCAGGTTCCAGTTGAAGTTCGTCCGG

TCCGTCGTAATGCCCTGGCAATGCGTTGGATCGTTGAAGCTGCTCGTAAACGCGGTGATAAATCCATGGC

TCTGCGCCTGGCGAACGAACTCACTGATGCTGCAGACAACAAAGGTACTGCAGTTAAGAAACGTGAAGAC

GTTCACCGTATGGCCGAAGCCAACAAGGCGTTCGCTCACTACCGTTGGTAA

>NZ\_FO834906.1:429843-431957 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCTCGTACAACACCCATCGCACGCTACCGTAACATCGGTATCAGTGCGCACATCGACGCCGGTAAAA

CCACTACTACCGAACGTATTCTGTTCTACACCGGTGTAAACCACAAAATCGGTGAAGTTCATGACGGCGC

CGCTACCATGGACTGGATGGAGCAGGAGCAGGAACGTGGTATCACCATCACTTCCGCTGCGACTACTGCA

TTCTGGTCTGGTATGGCCAAACAGTATGAACCGCACCGCGTAAACATCATCGACACCCCGGGGCACGTTG

ACTTCACTATCGAAGTAGAACGTTCCATGCGTGTTCTTGATGGTGCGGTAATGGTTTACTGCGCAGTTGG

TGGTGTTCAGCCGCAGTCTGAAACCGTATGGCGTCAGGCAAACAAATATAAAGTTCCGCGCATCGCGTTC

GTTAACAAAATGGACCGCATGGGCGCTAACTTCCTGAAAGTTGTTGGTCAGATCAAAACCCGTCTGGGCG

CGAACCCGGTTCCGCTGCAGCTGGCAATTGGTGCTGAAGAAGGTTTCACCGGCGTTGTTGACCTGGTGAA

AATGAAAGCCATCAACTGGAACGATGCAGACCAGGGCGTAACCTTCGAATACGAAGATATCCCGGCTGAC

ATGCAGGACCTGGCTGATGAATGGCACCAGAACCTGATCGAATCCGCAGCTGAAGCTTCTGAAGAGCTGA

TGGAAAAATACCTGGGTGGTGAAGAACTGACTGAAGAAGAGATCAAAAAAGCTCTGCGTCAGCGCGTTCT

GAACAACGAAATCATCCTGGTAACCTGTGGTTCTGCGTTCAAGAACAAAGGCGTTCAGGCGATGCTGGAT

GCGGTAATTGATTACCTGCCATCCCCGGTTGACGTACCTGCGATCAACGGTATCCTGGACGACGGTAAAG

ATACCCCGGCTGAGCGTCACGCAAGCGACGACGAGCCGTTCTCTGCACTGGCGTTCAAAATCGCTACCGA

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CATCATCGTTGACCGTATGAAGCGTGAATTCAACGTTGAAGCGAACGTCGGTAAACCTCAGGTTGCTTAC

CGTGAAGCGATTCGCGCGAAAGTTACCGATATCGAAGGTAAACACGCCAAGCAGTCTGGTGGTCGTGGTC

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CAACGACATCAAAGGTGGTGTAATTCCTGGCGAATACATCCCGGCCGTTGATAAAGGCATCCAGGAACAG

CTGAAAGCTGGTCCGCTGGCAGGTTACCCGGTAGTTGATATGGGTATCCGTCTGCACTTCGGTTCTTACC

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AGCAAAACCAGTTCTGCTTGAGCCGATCATGAAGGTTGAAGTAGAAACTCCGGAAGAGAACACTGGTGAC

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TCCACGCTGAAGTACCGCTGTCCGAAATGTTCGGTTATGCAACTCAGCTGCGTTCTCTGACCAAAGGTCG

TGCATCATACACCATGGAATTCCTGAAGTATGATGATGCGCCGAACAACGTTGCTCAGGCCGTTATTGAA

GCCCGTGGTAAATAA

>NZ\_FO834906.1:432027-433212 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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GTAAAACTACCCTGACTGCTGCCATCACTACCGTTCTGGCTAAAACCTACGGTGGTTCTGCTCGCGCATT

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GACACCCCGACTCGCCACTACGCGCACGTAGACTGCCCGGGCCACGCCGACTATGTTAAAAACATGATCA

CCGGTGCTGCGCAGATGGACGGCGCGATCCTGGTTGTTGCTGCGACTGACGGCCCGATGCCGCAGACTCG

TGAGCACATCCTGCTGGGTCGTCAGGTAGGCGTTCCGTACATCATCGTGTTCCTGAACAAATGCGACATG

GTTGATGACGAAGAGCTGCTGGAACTGGTTGAGATGGAAGTTCGTGAACTGCTGTCTCAGTACGATTTCC

CGGGCGACGACTCTCCGATCGTTCGTGGTTCTGCTCTGAAAGCGCTGGAAGGCGACGCATAGTGGGAAGC

GAAAATCATCTACCTGGCTGGCCACCTGGATACCTCTCCCCCCCACCCAGAGCGTGCGATTGACAAGCCG

TTCCTGCTGCCGATCGAAGACGTATTCTCCATCTCCGGTCGTGGTACCGTTGGTACCGGTTCGTGTAGAG

CGCGGTATCATCAAAGTAGGTGAAGAAGTTGAAATCGTTGGTATCAAAGAAACCGCGAAAACCACCTGTA

CTGGCGTTGAAATGTTCCGCAAACTGCTGGACGAAGGCCGTGCTGGTGAGAACGTAGGTGTTCTGCTGCG

TGGTATCAAACGTGAAGAAATCGAACGTGGTCAGGTACTGGCTAAGCCGGGCACCATCAACCCGCACACC

AAGTTCGAATCTGAAGTGTACATCCTGTCCAAAGACGAAGGCGGCCGTCACACTCCGTTCTTCAAAGGCT

ACCGTCCGCAGTTCTACTTCCGTACTACTGACGTGACTGGCACCATCGAACTGCCGGAAGGCGTAGAGAT

GGTAATGCCGGGCGACAACATCAAAATGGTTGTTACCCTGATCCACCCGATCGCGATGGACGACGGTCTG

CGTTTCGCAATCCGTGAAGGCGGCCGTACCGTTGGCGCGGGCGTTGTAGCTAAAGTTCTGGGCTAA

>NZ\_FO834906.1:433393-433587 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTACGTTTGTTTGTGCAATGGCGTCAGCGATAAAAAAATTCGTCAGGTTGTGCGCCAGTTTCAACCGC

AATCTTTTCAGCAATTACGTAAGTTTGTTCCCGTGGGAAATCAATGCGGTAAGTGTGTTCGTGCCGCGCG

TGAAGTGATGGAAGATGAATTAACCACCATGCCGGAATTCAAAGAAATCGCCTGA

>NZ\_FO834906.1:433661-434137 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAAGGTGATGTCAAAATCATAAGTTATCTCAATAAATTATTGGGAAATGAGCTAGTCGCAATTAATC

AGTACTTTCTTCATGCGAGAATGTTTAAAAATTGGGGCCTGATGCGCCTCAACGATATTGAGTACCACGA

ATCCATCGACGAAATGAAGCACGCCGATAAGTATATCGAGCGTATTCTTTTTCTCGAAGGTATCCCTAAT

CTGCAGGATCTCGGCAAACTTGGCATCGGTGAAGATGTGGAAGAGATGCTGCGGTCCGATTTGAGGCTGG

AGCTGGAAGGGGCGCAAAATTTGCGTGAGGCTATTGCCTATGCCGACAGCGTCCATGACTACGTCAGCCG

CGATATGATGATTGAGATCCTGGCGGATGAAGAAGGCCATATCGACTGGCTGGAAACCGAACTCGATTTG

ATTGGCAAAATCGGTCTGCAAAATTACCTGCAGTCGCAGATCAAAGTGTCAGACTAG

>NZ\_FO834906.1:434121-434606 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCAAAGTGTCAGACTAGCCAGCGTCTGCCACCCGCACCAAAAACCCGCGGCCGCCAGGAATGGCCCAAAC

GGCAGCGGGTTGCTTCTTCTCCATTTGCTCCTCCCGCCGCAACTGGCGTATAAACCTGCTCCTGCCCACG

CTATGCCGGCGAGTAGCGAGGCAACCAGGACCAACTGCGGCAGCAATCGCCAGCCATGCCAGGCGCCGAG

GGCGGCAAGATATTTTATATCTCCATAACCCAACCCTTCATAGCCGCGGATACCGCGGTATAGCCAGTAA

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AGAGATAAAAAAGTAAACCACTCCACAGCAGGGGACAGGTGTAACGGTCGGGCAACAGACCGTGGCGCAG

ATCCTGGTGGCATAATGCCACGGTCAAACCGCTATAGCACAGCAAGAAGGGGAGGGCGGCGAGCAT

>NZ\_FO834906.1:434990-435301 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCAGAACCAAAGAATCCGTATCCGCCTGAAAGCGTTTGATCATCGTCTGATCGATCAATCAACCGCGG

AAATCGTCGAGACTGCTAAGCGCACTGGTGCGCAAGTCCGTGGTCCGATCCCGCTGCCGACCCGCAAAGA

GCGCTTTACCGTTCTGATCTCCCCGCACGTCAACAAAGACGCGCGTGACCAGTACGAAATTCGCACTCAC

AAGCGTCTGGTTGACATCGTTGAGCCAACTGAAAAAACCGTTGATGCTCTGATGCGTCTGGATCTGGCTG

CCGGTGTAGACGTGCAGATCAGCCTGGGTTAA

>NZ\_FO834906.1:435334-435963 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGATTGGTTTAGTCGGTAAAAAAGTGGGCATGACCCGCATCTTCACTGAAGATGGCGTTTCTATCCCAG

TAACCGTAATCGAAGTTGAAGCAAACCGTGTTACTCAGGTTAAAGACCTGGCTAACGATGGCTACCGCGC

AATCCAGGTTACCACCGGTGCTAAAAAAGCTAACCGTGTAACCAAGCCGGAAGCGGGTCACTTCGCTAAA

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AGAACATTAGCGTTGAACTGTTTGCTGACGTTAAAAAAGTTGACGTAACCGGTACCTCTAAAGGTAAAGG

TTTTGCTGGTACCGTTAAGCGCTGGAACTTCCGTACCCAGGACGCTACTCACGGTAACTCCTTGTCCCAC

CGCGTTCCGGGTTCTATCGGTCAGAACCAGACTCCGGGCAAAGTGTTCAAAGGCAAGAAAATGGCAGGTC

AGCTGGGTAATGAGCGTGTAACCGTTCAGAGCCTGGACGTAGTACGTGTTGACGCTGAGCGCAACCTGCT

GCTGGTTAAAGGTGCTGTCCCGGGTGCGACCGGTAGCGACCTGATCGTTAAACCAGCTGTGAAGGCGTGA

>NZ\_FO834906.1:435974-436579 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGAATTAGTATTGAAAGACGCGCAGAGCGCGCTGACTGTTTCCGAAACTACCTTCGGTCGTGATTTCA

ACGAAGCGCTGGTTCACCAGGTTGTTGTTGCTTATGCAGCCGGTGCGCGTCAGGGCACTCGTGCTCAGAA

GACTCGTGCTGAAATCACTGGCTCCGGTAAAAAACCGTGGCGCCAGAAAGGTACCGGCCGTGCGCGTTCT

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AAAAAGTTAACAAGAAGATGTACCGCGGCGCGCTGAAAAGCATTCTGTCCGAACTGGTACGTCAGGATCG

TCTGATCGTTGTCGAGAAGTTCTCTGTTGAAGCGCCGAAAACTAAGCTGCTGGCACAGAAACTGAAAGAC

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TGCATAAGGTTGACGTACGTGATGCGAACGGTATCGACCCGGTTAGCCTGATCGCCTTCGACAAAGTCGT

AATGACTGCTGATGCTGTTAAGCAAGTTGAGGAGATGCTGGCATGA

>NZ\_FO834906.1:436576-436878 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGATTCGTGAAGAACGTCTGCTGAAGGTGCTGCGCGCACCGCACGTTTCTGAAAAAGCGTCTACTGCGA

TGGAAAAAACAAACACCATCGTTCTCAAAGTTGCTAAAGACGCGACCAAAGCAGAAATCAAAGCTGCTGT

GCAGAAACTGTTTGAAGTCGAAGTCGAAGTCGTTAACACCCTGGTTGTTAAAGGGAAAGTTAAACGTCAC

GGACAGCGTATCGGTCGTCGTAGCGACTGGAAAAAAGCTTACGTCACCCTGAAAGAAGGCCAGAATCTGG

ACTTCGTTGGCGGCGCTGAGTAA

>NZ\_FO834906.1:436896-437717 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAGTTGTTAAATGTAAACCGACATCTCCGGGTCGTCGCCACGTCGTTAAAGTGGTTAACCCAGAGC

TGCACAAGGGCAAACCTTTTGCTCCGTTGCTGGAAAAAAACAGCAAATCCGGTGGTCGTAACAACAATGG

CCGTATCACCACCCGTCATATCGGTGGTGGCCACAAGCAGGCTTACCGTATTGTTGACTTCAAACGCAAC

AAAGATGGTATCCCGGCAGTTGTTGAACGTCTTGAGTACGATCCGAACCGCTCCGCGAACATCGCGCTGG

TTCTGTACAAAGACGGCGAGCGCCGTTACATCCTGGCCCCGAAAGGCCTGAAAGCTGGCGACCAGATTCA

GTCTGGCGTTGATGCTGCAATCAAAGCAGGCAACACCCTGCCGATGCGCAATATCCCGGTTGGTTCTACC

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TCGTTGCTCGTGACGGTGCTTATGTCACCCTGCGTCTGCGTTCTGGTGAAATGCGTAAAGTCGAAGCAGA

CTGCCGCGCGACTCTGGGCGAAGTTGGCAATGCTGAGCATATGCTGCGCGTTCTGGGTAAAGCAGGTGCT

GCACGCTGGCGTGGTGTTCGTCCTACCGTTCGCGGTACTGCGATGAACCCAGTAGACCACCCACATGGTG

GTGGTGAAGGTCGTAACTTTGGTAAGCACCCGGTATCCCCGTGGGGCCTGCAGACCAAAGGTAAGAAGAC

CCGCAGCAACAAGCGTACTGATAAATTCATCGTACGTCGCCGTAGCAAATAA

>NZ\_FO834906.1:437734-438012 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCCACGTTCTCTCAAGAAAGGTCCTTTTATTGACCTGCACTTGCTGAAGAAGGTAGAGAAAGCGGTGG

AAAGCGGAGACAAGAAGCCCCTGCGCACTTGGTCCCGTCGTTCAACGATCTTTCCTAACATGATCGGTTT

GACCATCGCTGTCCATAATGGTCGTCAGCACGTTCCAGTATTTGTTTCCGACGAAATGGTCGGTCACAAA

CTGGGTGAATTCGCACCGACTCGTACTTATCGCGGCCACGCTGCTGATAAAAAAGCGAAGAAGAAATAA

>NZ\_FO834906.1:438027-438359 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGAAACTTTAGCTCAACATCGCCATGCTCGTTCTTCTGCTCAGAAGGTTCGCCTTGTAGCTGACCTGA

TTCGCGGTAAGAAAGTGTCGCAGGCCCTGGATATTCTGACCTACACCAACAAAAAAGCTGCTGTACTGGT

CAAGAAGGTACTGGAATCTGCCATTGCTAACGCTGAACACAACGATGGCGCTGACATTGATGATCTGAAA

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ATCGCATCCTGAAGCGCACCAGCCACATCACTGTGGTTGTGTCCGATCGCTGA

>NZ\_FO834906.1:438377-439075 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGGTCAGAAAGTACATCCTAATGGTATTCGCCTGGGTATTGTCAAACCATGGAACTCTACCTGGTTCG

CGAACACCAAAGAATTCGCTGACAACCTGGACAGCGATTTTAAAGTACGTCAGTTCCTGACTAAAGAACT

GGCTAAAGCGTCTGTATCTCGCATCGTTATCGAGCGTCCGGCTAAGAGCATCCGTGTGACCATTCACACC

GCTCGCCCGGGTATCGTTATCGGTAAGAAAGGCGAAGACGTAGAAAAACTGCGCAAGGTCGTAGCGGATA

TCGCTGGCGTACCTGCACAGATCAATATCGCCGAAGTTCGTAAACCTGAACTGGACGCAAAACTGGTTGC

TGACAGCATCACTTCTCAGCTGGAACGTCGCGTTATGTTCCGTCGTGCGATGAAGCGTGCTGTACAGAAC

GCAATGCGTCTGGGCGCTAAAGGTATCAAAGTTGAAGTTAGCGGCCGTCTGGGCGGCGCGGAAATCGCAC

GTACCGAATGGTACCGTGAAGGTCGCGTACCGCTGCACACTCTGCGTGCTGACATCGACTACAACACCTC

TGAAGCGCACACCACTTACGGTGTAATCGGCGTTAAGGTATGGATCTTCAAAGGTGAGATCCTGGGTGGT

ATGGCTGCTGTTGAACAACCGGAACCGGCTGCTCAACCTAAAAAGCAGCAGCGTAAAGGCCGTAAATAA

>NZ\_FO834906.1:439088-439498 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTTACAACCAAAGCGTACAAAATTCCGTAAAGTGCACAAAGGCCGCAACCGTGGTCTGGCGCAGGGTA

CGGATGTTAGCTTCGGCACTTTCGGTCTGAAAGCTGTTGGCCGTGGTCGTCTGACTGCACGTCAGATCGA

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AAACCGATCACCGAGAAGCCGCTGGAAGTTCGTATGGGTAAAGGTAAAGGTAACGTGGAGTACTGGGTTG

CCTTGATTCAGCCGGGTAAAGTCCTGTATGAAATGGACGGTGTACCGGAAGAGCTGGCCCGTGAAGCATT

CGGCCTGGCAGCAGCGAAACTGCCGATCAAAACCACCTTTGTAACTAAGACGGTGATGTAA

>NZ\_FO834906.1:439498-439689 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAAGCAAAAGAGCTGCGTGAAAAAAGCGTTGAAGAGCTGAACGCTGAGCTGCTGAACCTGCTGCGTG

AGCAGTTCAACCTGCGCATGCAGGCTGCAAGTGGCCAGCTGCAACAGACTCATCTGCTGAAGCAAGTGCG

TCGTGATGTTGCACGCGTTAAGACTTTACTGACTCAGAAGGCGGGTGCGTAA

>NZ\_FO834906.1:439689-439943 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGACCGATAAAATCCGTACTCTGCAAGGTCGCGTAGTTAGCGACAAAATGGAGAAATCCATTGTTGTTG

CTATCGAACGTATGGTGAAACACCCGGTTTACGGTAAATTCATCAAACGTACGACCAAACTGCACGTACA

TGACGAGAACAACGAATGCGGTATCGGCGACAAGGTTGAAATCCGCGAATGCCGTCCGCTGTCCAAGACT

AAGTCCTGGACGCTGGTTCGCGTTGTAGAGAAAGCGGTTCTGTAA

>NZ\_FO834906.1:440109-440480 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGATCCAAGAACAGACTATGCTGAACGTCGCCGACAACTCCGGTGCACGTCGCGTAATGTGTATCAAGG

TTCTGGGTGGCTCGCACCGTCGCTACGCAGGCGTAGGCGACATCATCAAGATCACCATCAAAGAAGCAAT

TCCGCGTGGTAAGGTCAAAAAAGGTGATGTGCTGAAGGCGGTAGTGGTGCGCACCAAGAAGGGTGTTCGT

CGCCCGGACGGTTCTGTCATTCGCTTCGATGGTAATGCATGCGTTATTCTGAACAATAACAGCGAGCAGC

CTATCGGTACGCGTATTTTTGGGCCGGTAACTCGTGAACTTCGTACCGAGAAGTTCATGAAAATTATCTC

TCTGGCACCAGAAGTACTCTAA

>NZ\_FO834906.1:440491-440805 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAGCGAAAATCCGTCGTGATGACGAAGTTATCGTGTTAACCGGTAAAGATAAAGGTAAGCGCGGTA

AAGTTAAGAATGTCCTGTCTTCCGGCAAGGTCATTGTTGAAGGTATCAACCTGGTTAAGAAACACCAGAA

GCCGGTTCCGGCTCTGAACCAACCAGGCGGCATCGTTGAAAAAGAAGCTGCAATTCAGGTTTCTAACGTT

GCAATCTTCAATGCGGCAACCGGCAAGGCTGACCGTGTAGGCTTTAGATTCGAAGACGGTAAAAAAGTCC

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>NZ\_FO834906.1:440820-441359 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCGAAACTGCATGATTACTACAAAGACGAAGTAGTTAAGAAACTCATGACTGAGTTTAACTACAATT

CTGTCATGCAAGTCCCTCGGGTCGAGAAGATCACCCTGAACATGGGTGTTGGTGAAGCGATCGCTGACAA

GAAACTGCTGGATAACGCAGCAGCTGACCTGGCAGCAATCTCCGGTCAAAAACCGCTGATCACCAAAGCA

CGCAAATCAGTTGCAGGCTTCAAAATCCGTCAGGGCTATCCGATCGGCTGTAAAGTAACTCTGCGTGGCG

AACGCATGTGGGAGTTCTTTGAGCGCCTGATCACTATTGCTGTACCGCGTATTCGTGACTTCCGCGGCCT

GTCCGCTAAGTCTTTCGACGGTCGTGGCAACTACAGCATGGGTGTCCGTGAGCAGATCATCTTCCCAGAA

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AAGAAGGCCGTGCTCTGCTGGCTGCCTTTGACTTCCCGTTCCGCAAGTAA

>NZ\_FO834906.1:441374-441679 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCTAAGCAATCAATGAAAGCACGCGAAGTAAAGCGCGTGGCTTTAGCTGATAAATTCTTCGCTAAAC

GCGCTGAACTGAAAGCTATCATCTCTGATGTGAACGCAACCGACGAAGATCGTTGGAATGCCGTTCTCAA

GCTGCAGACTCTGCCGCGTGATTCCAGCCCGTCTCGTCAGCGTAACCGCTGCCGTCAAACAGGTCGTCCG

CATGGTTTCCTGCGGAAGTTCGGGTTGAGCCGTATTAAGGTCCGTGAAGCCGCTATGCGCGGTGAAATCC

CGGGTCTGAAAAAGGCTAGCTGGTAA

>NZ\_FO834906.1:441713-442105 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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CGGTCACCATGCCTTCCTCCAAGCTGAAAGTGGCAATCGCCAACGTGCTGAAGGAAGAAGGTTTTATCGA

AGATTTTAAAGTTGAAGGCGACACCAAGCCTGAACTGGAACTTACTCTCAAGTATTTCCAGGGCAAAGCT

GTTGTAGAAAGCATTCAGCGTGTCAGCCGCCCAGGTCTGCGCATCTATAAGAAAAAAGATGAGCTGCCGA

AAGTTATGGCCGGTCTGGGTATCGCAGTTGTTTCTACCTCTAAAGGTGTTATGACTGATCGTGCAGCGCG

CCAGGCTGGTCTTGGTGGCGAAATTATCTGCTACGTAGCCTAA

>NZ\_FO834906.1:442118-442651 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTCTCGTGTTGCTAAAGCACCGGTCGTTGTTCCTGCCGGCGTTGATGTAAAAATCAACGGTCAGGTTA

TTACGATCAAAGGTAAAAACGGCGAGCTGACTCGTACTCTCAACGATGCTGTTGAAGTTAAACATGCAGA

TAATGCACTGACCTTCGGTCCGCGTGATGGTTACGCAGACGGTTGGGCTCAGGCTGGTACCGCGCGTGCC

CTGCTGAACTCAATGGTTATCGGTGTTACCGAAGGCTTCACTAAGAAGCTGCAGCTGGTTGGTGTAGGTT

ATCGTGCAGCGGTCAAAGGGAATGTAGTAAACCTGGCTTTAGGTTTCTCTCACCCGGTTGATCATCAGCT

GCCTGCGGGTATCACTGCAGAATGTCCGACTCAGACTGAAATCGTGCTGAAAGGCGCTGATAAGCAGGTG

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ACGCCGACGAAGTCGTGCGTACCAAAGAGGCTAAGAAGAAGTAA

>NZ\_FO834906.1:442661-443014 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGATAAGAAATCTGCTCGTATCCGTCGTGCGACCCGCGCACGCCGCAAGCTCCAAGAGCTGGGCGCAA

CTCGCCTGGTGGTACATCGTACCCCGCGTCACATTTACGCACAGGTAATTGCACCGAATGGTTCTGAAGT

TCTGGTAGCTGCTTCTACTGTAGAAAAAGCTATCGCTGAACAACTGAAGTACACCGGTAACAAAGACGCT

GCAGCAGCTGTGGGTAAAGCTGTCGCTGAACGCGCTCTGGAAAAAGGCATCAAAGATGTTTCCTTTGACC

GTTCCGGGTTCCAATATCATGGTCGTGTCCAGGCACTGGCAGATGCTGCCCGTGAAGCTGGCCTTCAGTT

CTAA

>NZ\_FO834906.1:443029-443532 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCTCACATCGAAAAACAAGCTGGCGAACTGCAGGAAAAGCTGATCGCGGTAAACCGCGTATCTAAAA

CCGTTAAAGGTGGTCGTATTTTCTCCTTCACAGCTCTGACTGTAGTAGGCGATGGTAACGGTCGCGTTGG

TTTTGGTTACGGTAAAGCGCGTGAAGTTCCAGCAGCGATCCAGAAAGCGATGGAAAAAGCCCGTCGCAAT

ATGATTAACGTCGCGCTGAACCACGGCACCCTGCAGCACCCGGTTAAGGGTACTCACACGGGTTCTCGTG

TATTCATGCAGCCGGCTTCCGAAGGTACCGGTATCATCGCCGGTGGTGCAATGCGCGCCGTTCTGGAAGT

CGCTGGGGTTCGTAACGTTCTGGCTAAAGCGTATGGTTCCACTAACCCGATTAACGTGGTTCGTGCAACT

ATCGACGGTCTGGAAAACATGAAGTCCCCGGATATGGTCGCTGCCAAGCGTGGTAAATCCGTTGAAGAAA

TTCTGGGGAAATAA

>NZ\_FO834906.1:443536-443715 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAAAGACTATTAAAATTACTCAAACCCGCAGTGCAATCGGTCGTCTGCCGAAACACAAGGCAACGC

TGCTTGGCCTGGGTCTGCGTCGTATTGGTCACACCGTAGAGCGCGAGGATACTCCTGCTGTTCGTGGTAT

GGTCAACGCGGTTTCCTTCATGGTTAAAGTTGAGGAGTAA

>NZ\_FO834906.1:443719-444153 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCGTTTAAATACTCTGTCTCCGGCCGAAGGCTCCAAAAAGGCGGGTAAACGCCTGGGTCGTGGTATCG

GTTCTGGCCTCGGTAAAACCGGTGGTCGTGGTCACAAAGGTCAGAAATCTCGTTCTGGCGGTGGCGTACG

TCGCGGTTTCGAGGGTGGTCAGATGCCTCTGTACCGTCGTCTGCCGAAATTCGGCTTCACTTCTCGTAAA

GCGATGATCACCGCAGAGATCCGTCTCTCCGATCTGGCTCACGTAGAAGGCGATGTAGTAGACCTGAACG

CGCTGAAAGCGGCTAACATTATCGGTGTCCAGATCGAGTTCGCGAAAGTGATCCTGTCTGGTGAGGTAAC

TCGTCCGGTAACTGTTCGTGGCCTGCGTGTGACTAAAGGTGCTCGTGCTGCTATCGAAGCTGCTGGCGGT

AAAATTGAGGAATAA

>NZ\_FO834906.1:444161-445492 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

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TGTTTGTGGTCGGTGCGCTGATAGTGTTCCGTATTGGCTCTTTTATTCCGATCCCTGGTATTGATGCCGC

TGTACTTGCCAAACTGCTTGAGCAACAGCGAGGCACCATCATTGAAATGTTCAACATGTTCTCTGGTGGT

GCTCTCAGCCGTGCTTCTATCTTTGCGCTGGGGATTATGCCGTACATTTCGGCATCGATCATCGTGCAGC

TGCTGACGGTGGTTTATCAACCGCTGGCGGAACTGAAGAAAGAAGGGGAGTCTGGTCGTCGTAAGATCAG

CCAGTACACCCGCTACGGTACTCTGGTGCTGGCGATATTCCAGTCGATCGGTATTGCTACCGGTCTGCCG

AATATGCCTGGTATGCAAGGCCTGGTGATTAATCCAGGCTTTGCATTCTATTTCACCGCTGTTGTCAGTC

TGGTCACAGGGACTATGTTCCTGATGTGGCTCGGCGAACAGATCACTGAACGTGGTATCGGTAACGGTAT

CTCGATCATTATCTTCGCCGGTATCGTTGCGGGACTCCCGCCGGCCATCGCCCATACTATCGAGCAAGCG

CGTCAAGGCGACCTGCACTTCCTCCTGTTGCTGTTGGTTGCAGTATTAGTATTTGCAGTGACCTTCTTTG

TTGTATTCGTTGAGCGTGGTCAACGCCGCATTGTGGTAAACTACGCGAAACGTCAACAGGGTCGTCGTGT

CTATGCTGCACAGAGCACACATTTACCGCTGAAAGTGAATATGGCGGGGGTAATCCCGGCAATCTTCGCT

TCCAGTATTATACTGTTCCCGGCAACCATCACGTCATGGTTCGGGGGTGGTACTGGTTGGAACTGGCTGA

CAACAATTTCGCTGTATTTGCAGCCTGGGCAACCGCTTTATGTGTTACTCTATGCGTCTGCAATCATCTT

CTTCTGTTTCTTCTACACGGCGTTGGTTTTCAACCCGCGTGAAACAGCAGATAACCTGAAGAAGTCCGGT

GCATTTGTACCAGGAATTCGTCCGGGAGAGCAAACGGCGAAGTATATCGATAAAGTGATGACTCGCCTGA

CTCTGGTTGGTGCGTTGTACATTACTTTTATCTGCCTGATCCCGGAGTTCATGCGTGACGCGATGAAAGT

GCCGTTCTACTTCGGTGGGACCTCGCTGCTTATCGTTGTTGTCGTGATTATGGACTTTATGGCTCAAGTG

CAAACTCTGATGATGTCCAGTCAGTATGAGTCTGCATTGAAGAAGGCGAACCTGAAAGGCTACGGCCGTT

AA

>NZ\_FO834906.1:445526-445642 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAAAGTTCGTGCTTCCGTCAAGAAATTATGCCGTAACTGCAAAATCGTTAAGCGTGATGGTGTCATCC

GTGTGATTTGCAGTGCCGAGCCGAAGCATAAACAGCGCCAAGGCTGA

>NZ\_FO834906.1:445789-446145 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

GTGGCCCGTATAGCAGGCATTAACATTCCTGATCACAAACATACCGTTATCGCTTTAACCGCTATTTTCG

GTATCGGCAAAACCCGTTCTAAAGCCATCTGCGCTGAAACGGGCATCGCTGAAAATGTTAAGATCAGTGA

GCTGTCTGAAGAACAAATTGATATTCTGCGTGAAGCAGTAGGTAAATTTGTCGTTGAAGGTGATCTGCGC

CGTGAAATCACCCTGAGCATCAAGCGTCTGATGGACCTTGGTTGCTACCGTGGTTTGCGTCATCGTCGTG

GTCTCCCGGTTCGCGGTCAGCGTACCAAGACCAACGCACGTACCCGTAAGGGTCCGCGTAAACCGATCAA

GAAATAA

>NZ\_FO834906.1:446162-446551 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAAAGGCACCAATTCGTGCACGTAAGCGTGTAAGAAAACAAGTCTCTGACGGCGTGGCTCATATCC

ATGCTTCTTTTAACAACACCATCGTTACCATCACTGATCGTCAGGGTAACGCACTGGGTTGGGCAACAGC

CGGTGGTTCCGGTTTCCGTGGTTCTCGCAAATCCACTCCGTTCGCAGCTCAGGTTGCAGCAGAGCGTTGC

GCAGAAGCCGTAAAAGAATACGGCATCAAGAATCTGGAAGTTATGGTCAAAGGTCCGGGTCCGGGTCGCG

AATCTACCATTCGTGCACTGAACGCCGCTGGTTTCCGCATCACTAATATTACTGATGTGACTCCGATCCC

TCATAACGGTTGTCGTCCGCCGAAAAAACGTCGCGTATAA

>NZ\_FO834906.1:446585-447205 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGGCAAGATATTTGGGTCCTAAGCTCAAGCTGAGCCGTCGTGAGGGCACCGACTTATTCCTTAAGTCTG

GCGTTCGCGCGATCGATACCAAGTGTAAAATTGAACAAGCTCCTGGCCAGCACGGTGCGCGTAAGCCGCG

TCTGTCTGACTATGGTGTGCAGTTGCGTGAAAAGCAAAAAGTTCGCCGTATGTACGGTGTGCTGGAGCGT

CAGTTCCGTAACTACTATAAAGAAGCAGCACGTCTGAAAGGCAACACCGGTGAAAACCTGTTGGCTCTGC

TGGAAGGTCGTCTGGACAACGTTGTATACCGTATGGGCTTCGGCGCCACTCGTGCTGAAGCACGCCAGCT

GGTTAGCCACAAAGCGATTATGGTAAACGGTCGTGTTGTTAACATCGCTTCTTATCAGGTTAAAGCGAAT

GACGTTGTCAGCATTCGTGAGAAAGCGAAAAAGCAATCTCGCGTGAAAGCCGCTCTGGAGCTGGCTGAGC

AGCGTGAAAAGCCAACCTGGCTGGAAGTTGATGCTGGCAAGATGGAAGGTACGTTCAAGCGTCAGCCGGA

GCGTTCTGATCTGTCTGCGGACATTAACGAACACCTGATCGTCGAGCTTTACTCCAAGTAA

>NZ\_FO834906.1:447231-448220 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCAGGGTTCTGTGACAGAGTTTCTAAAACCGCGCCTGGTCGATATCGAGCAAGTGAGTTCGACGCACG

CCAAGGTGACCCTTGAGCCTTTAGAGCGTGGCTTCGGCCATACTCTGGGTAACGCACTGCGCCGTATTCT

GCTCTCATCGATGCCGGGTTGCGCGGTGACCGAGGTTGAGATTGATGGTGTACTGCACGAGTACAGCACC

AAAGAAGGCGTTCAGGAAGACATCCTTGAAATCCTGCTCAACCTGAAAGGGCTGGCGGTGAGAGTTCAGG

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CGACGGTGATGTCGAAATCGTCAAGCCGCAGCACGTGATTTGCCACCTGACTGATGAGAACGCTGCTATT

AGCATGCGTATCAAAGTTCAGCGCGGTCGCGGTTATGTGCCGGCTTCTGCCCGAATTCATTCGGAAGAAG

ATGAGCGCCCAATCGGCCGTCTGCTGGTCGACGCCTGCTACAGCCCTGTAGAGCGTATTGCCTACAATGT

TGAAGCTGCGCGTGTAGAACAGCGTACCGACCTGGACAAGCTGGTCATCGAAATGGAAACCAACGGCACA

ATCGATCCTGAAGAGGCGATTCGTCGTGCGGCAACCATCTTGGCTGAACAACTGGAAGCTTTTGTTGACC

TACGTGATGTACGTCAGCCAGAAGTGAAAGAAGAGAAACCAGAATTCGATCCGATCCTGCTGCGCCCTGT

TGACGATCTGGAATTGACTGTCCGCTCTGCTAACTGCCTCAAGGCAGAAGCTATCCACTATATCGGTGAT

CTGGTACAGCGTACCGAGGTTGAGTTGCTGAAAACGCCGAACCTGGGTAAAAAATCTCTTACTGAGATTA

AAGACGTGCTGGCTTCCCGTGGACTGTCTCTGGGCATGCGCCTGGAAAACTGGCCACCAGCAAGCATTGC

TGACGAGTAA

>NZ\_FO834906.1:448261-448647 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGCGCCATCGTAAGAGTGGTCGTCAACTGAACCGCAACAGCAGCCATCGCCAGGCTATGTTCCGTAACA

TGGCAGGTTCGCTGGTTCGTCATGAAATCATCAAGACGACCCTGCCGAAAGCGAAAGAACTGCGTCGCGT

AGTTGAGCCGCTGATTACTCTTGCCAAGACTGATAGCGTTGCTAATCGTCGTCTGGCATTCGCCCGCACT

CGTGATAACGAGATCGTGGCAAAACTGTTTAACGAGCTGGGCCCGCGTTTCGCGAGCCGCGCCGGTGGTT

ACACTCGCATTCTGAAGTGTGGCTTCCGTGCAGGCGACAACGCGCCGATGGCATACATCGAGCTGGTTGA

TCGTGCTGAGCCGAAAGCAGAAGCTGCTGCAGAGTAA

>NZ\_FO834906.1:448756-449124 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTGGTTGCTGGATCAGTGGGCGGAACGTCATATCCTCGATGCCCAAACCAAAGGTGAGTTCGATAATT

TACCCGGCAGCGGAGAACCGCTGACTCTCGATGACGATTCACATGTGCCGGCGGAGTTGCGGGCAGGCTA

TCGCCTTCTGAAAAATGCAGGATGTCTTCCTCCGGAACTGGAGCAACGCAAAGAAGCGTTGGCTCTGGCA

GACTTACTGAACGGCGTCCGTCAGGACGATCCGCGTCATGCCGAACTTAGCAAACGCCTTGCCCTGCTCG

AGCTGAAGTTACGTCAGGCAGGTCTGAACACCGACTTTTTACGCGGTGAGTACGCCGATGCGTTGCTGCA

AAAAATAAATCAGGAGTAA

>NZ\_FO834906.1:449127-449552 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTATCGTATTGGTGAATTGGCAAAACTGGCTGACGTGACGCCTGATACCATCCGCTACTATGAAAAGC

AGCAGATGATGGATCATGACATACGCACCGAGGGAGGATTTCGTCTGTACTCGGATAACGATCTTCAACG

GCTGCGCTTTATTCGTTATGCCCGACAACTGGGTTTCACCCTGGAAGCGATCCGCGAATTATTGTCGATC

CGCATCGATCCGGAGCATCATACCTGTCAGGAGTCGAAAGGGATCGTTCAGGCGCGATTAAGTGAAGTCG

AGGCGCGGATTAAAGAGCTACAGACGATGCGCCGCTCTCTGCAGAGGCTCAACGATGCCTGTTGCGGCAC

TGCCCACAGCAGCGTTTACTGTTCTATCCTTGAGGCCCTTGAACAAGGGGCCAGCAACGGCAATGGCGGA

CGTTGA

>NZ\_FO834906.1:449610-449888 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGAGTCGCTATCAGCATACTAAAGGACAAATTAAAGATAACGCCATTGAGGCACTTCTCCACGATCCGT

TATTTAGGCAGCGCGTAGAGAAAAACAAGAAAGGGAAAGGAAGCTATCAACGTAAAGATAAACATGCAGG

AAGGGTTGATCGGGAGGCCAGTGGCAAGCAAGCGAATCGCTTTTTTACCACTGGCCTTCTGCTTTCTCTG

CTGATTAAGAACGGTTGTTCTGTTCTTTCAGCAGATCGCGAATTTCGCTCAGCAGAACTTCTTCTTTAG

>NZ\_FO834906.1:449824-450237 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAAGAACGGTTGTTCTGTTCTTTCAGCAGATCGCGAATTTCGCTCAGCAGAACTTCTTCTTTAGAGGGA

GCTGGCGGTGCCGCCGGAGCCTCTTCTTTCTTACGATTTAACTTATTCATCAATTTAATCGCCATGAAGA

TGGCAAACGCGACGATGATGAAATCGAAAACGTTCTGAATGAATACCCCATAATGCATCACCACAGCCGG

GACATCGCCCTGGGCATCACGTAGCGTGACGGCAAACTGTTTAAAATCGATCCCGCCAATCAACAGGCCG

AGTGGCGGCATAATAATATCCGCGACCAGTGATGAAACAATTTTACCGAATGCTGCACCGATGATCACAC

CCACTGCCAAATCGACAACGTTCCCGCGCATCGCGAATTCGCGAAACTCTTTTAAAAAACTCAT

>NZ\_FO834906.1:450378-451754 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTACAGGAAGAAAGGACTTGGCTGGAACAGCCTTTCGACATCGGAAATAAACTTCTTATCGGTCAAAAAC

ATGATCACATGGTCGCCCTGCTCGATCCGTAGATTATTATTGGCGATCATCACGTCATTGCCCCGCACGA

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CTCATCGCCGTGCGCGACTGCCTCAATCGCTTCTGCAACGCCGCGGCGCAAGGAGGAGACGCCGACAATA

TCGGCTTTACGGACATGACTGAGGAGTGCGGAAATTGTGGCCTGCTGAGGCGAAATCGCAATATCGATGA

CGCTACCCTGGACCAGATCCACGTAGGCTCTGCGCTGGATTAGCACCATCACTTTTTTCGCGCCCATTCG

CTTGGCCAACATAGCCGACATAATATTGGCTTCGTCGTCGTTAGTGACGGCAATAAACAGGTCCACCTGG

TCAATATGCTCTTCAGCCAACAGCTCCTGGTCCGATGCATCCCCGTAGAAGACGATAGTATGCTGCAGCT

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TGCAGTTCGCTCATGACCGCGCGAATATGCTGCGAGGCGGCAATAAAGAAGACTTCATCTCCGGCCTCGA

CAATCGTCGAACCCTGCGGGCGGATGGGGCGATCGTGGCGGAAAATGGCGGCCACGCGCGTATCGATATG

CGGCATATGCTCCCGCATTGTGGATAAGGCATTACCCACCAGCGGGCCACCATAATAGGCTTTTACTACC

GCGAGACTGACTTTTCCTTCTGCGAAGTTCACGACCTGCAGCGCGCCGGGATATTCGATCAGACGGTGGA

TGTTGTCGATGACCAGTTGTTCCGGAGCGATTAAGTGATCGATGGGTACCGCTTCAGAGTTGAAGAGCTT

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GCGACCTGGCAGGCCACCATGTTGGTTTCGTCCGAACTAGTGACCGCTACCAGCATATCGGCATCATCGG

CCCCCGCCTCACGCAGTACGCGAGGGTGAGAGCCATGCCCCTGGACGACACGCAGGTCGAACTTATCCTG

CAGGCTGCGCAGACGGTCGCCATTGGTATCAACCAGCGTAATATCATTGTTCTCGCCGACGAGGTTTTCC

GCCAGCGTGCCGCCGACCTGGCCGGCGCCCAGAATAATAATCTTCAT

>NZ\_FO834906.1:451768-453063 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TTAGTTCCGACGTTTGATTAGCTTAGCGTAAAAGAAGCCATCACCTTCTTCCACGCCCGGCAGATTTTGC

TGCCCGGGGCTCGCCGGCGTGCCGGTGGCGTGAAGTTCTGCATCCGGAGTTCGCGCGAGGAAAGCGGCAA

TTTGCTGACTGTTCTCTTCCGGCAGAATAGAACAGGTTGCGTAAACCAGCGTGCCGCCTGGCTTCAGGTG

CGTCTAGGTGGCATTGAGGATCTCGGCCTGCAGTTGGGCTAACTCGGCGATATCCCGATCCCGGCGCAGC

CATTTGATATCCGGATGGCGGCGAATAACGCCGGTTGCGGAGCAGGGGGCATCCAGCAGAATACGATCGA

ACTGCTCATTGCCACACCACTGCTCAGGGAAGCGGCCATCGCCCTGCTTGACTTCGGCTTTCATGCCCAG

CCGTTTCAGGTTGTCATAGACGCGGGACAGACGCTGTTCATCAATATCCACCGCCATAACCTGAGCCTGG

GGAGCGACTTCCAGAATATGCGTCGTCTTCCCGCCCGGCGCCGCGCAGAGATCGAGAATGCGTTCGCCAT

TTTCCGGTTGCAGGTAGCGCATACAGCCCTGAGCCGAGGCATCCTGGACGGTCACCCAGCCTTCGGCAAA

GCCTGGTAACGCGTGGACCGGAGCAGGGGTGGCCAGGCGTACGGCGTCCGGATAATCAGGGTGGGTAAAG

CCCTCTAAACCGGTCTCGTTAAGCAGGGCAAGCCACTCATCCCGGGAATGATGGTTGCGGTTAACGCGCA

GCCACATCGGCGGGCGCTGGTTGTTCGCCTCGACGATCTCCTGCCACTGCTGCGGCCAGGCCTGCTGCAG

GCGTTTCAGCAGCCATTTGGGATGAAGATAGCGGTTTTCATGCTCAGCAAATTCGGCTAACAACGCTTCC

TGCTGGCGCTGGAACTGGCGTAGCACGCCGTTGATTAGCCCTTTAAGCTGCGGGCGTTTAATGGCCACCG

CGCCTTCTACCGTTTCCGCCAGCGCGGCGTGTGGTGGAATGCGGGTGTAGAGTAACTGATAGAGACCAAC

CATGATCAGAAAGTGCACGGTGCGCTGTTTGCCGGTCATCGGACGCGCCATTAGCTTGCTGATAAGCCAC

TCCAGCTGGCTTAGAGTACGTAGTACACCAAAGCACAACTCCTGCAGTAGCGCTTTATCTTTATCGCTGA

CTTTCTGCTGTAGAGGGGGCAGTACGTTGCTTAAAGACTGCCCTTTTTCAACAACTTGCTCGATAGCCTG

GGCGGCCAGGCTGCGTAAATTTATATTCTTTTTCAT

>NZ\_FO834906.1:454078-454587 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

TCAGGCACGGGAACGTAAACGATCCAGTTTCTCTACCTTCTGACGAATGCGCTGTTGTTTGAGTGGTGAC

AGATAGTCAATAAACAGTTTGCCGACCAGGTGATCCATCTCATGCTGGATACAGATAGCCAGCAGGCCAT

CGGCCTCCAGTTCAAACGGCTTACCATTGCGATCCAGTGCCCGGATCTTCACTTTTTCCGCACGCGGCAC

CAGGGCGCGCTGTTCAGGAATAGACAAGCAGCCTTCTTCAATACCGGTTTCGCCATCTTTCTCCAGCATT

TCCGGGTTAATTAATACCAGCTGCTCTTCACGATTTTCCGACACATCAATAACGATAATGCGCTGATGGA

TATCGACCTGGGTTGCGGCCAGACCGATGCCTTCCTCGGCGTACATGGTGTCGAACATATCATCGACGAT

ACGCTGAATTTCCGCATTCACTTCTTTGACCGGCTCGGCGACTTTGCGAAGGCGCTCGTCCGGAATATGT

AACACTTGCAAAACTGCCAT

>NZ\_FO834906.1:454716-455840 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGACGCCCGACGAGATTTGGCTGCGGCTGATGAAGGTCAGTAGCTTGTATGGCGACAGGATGGTAGAGA

TCGCTCAGCGCTTATGCGCAGCCGCCAGCGTTGATCGTGAAGCGCTGCATGCCGTCGGGATGACCGCGGC

GCAGGCAAAGTTATTTTTCCGGCTTGACGAGCATGAGCTTGACGAGACGCGGCGCTGGCTGGAACAACCG

GATCATCATTTGTTACGGGGTGACGATCCGCGCTATCCATTGCGGTTAAAGGCTATCGCTGATTACCCCG

GCGCGTTGCTGGTCAGCGGCGGCCTCGCCCTGCTTCACAGCGCGCAGCTTGCCGTTATTGGCAGTCGCTC

GCACTCCTGGTATGGCGCCTGCTGGGGGAAACTGTTCAGCGAAACGCTGGCGCATAAAGGGATTACCATC

ACCAGTGGGCTGGCGTTAGGCATTGACGGGGTCGCGCACCGCGGCGCGCTGGCGGCGGAGGGTAAAACTA

TCGCGGTACTGGGCAATGGGCTGAGTCAGGTTTATCCGCGGCGCCATGCAACTCTCGCCCGGCAGATCAT

CGACAATGGCGGTACGCTGGTATCTGAATTTCCACTTGTTACGCCGCCGCTTCCCGCACATTTCCCCAGG

CGCAACCGGATTATCAGCGGCTTAAGCCTGGGCGTGCTGGTGATTGAGGCGGCGTTGCGAAGCGGATCGC

TGGTCACCGTCCGCTGCGCCCTGGAGCAGGGAAGGGATGTGTTCGCCCTGCCTGGCCCGATAGGCAATCC

GGGATCGGAAGGCCCGCACTGGTTAATTAAGCAAGGCGCGGTGCCAGTGACCTCGCCAGAGGATATTGTG

GAATACTGGCATAACGAGCTGGCCTGGCTGACTGATACGTCTGATTCGATAAATATTTGCGTCGATCAGC

CGTCTGTAGCATTGCCATTTCCGGAGCTCCTGGCTAACGTAGGAGATGAGGTAACACCTGTTGACGTTGT

CGCTGAACGTGCCGGCCAATCTGTGCCAGTAACCGTAGCTCAGCTACTTGAACTGGAGTTAGCAGGCTGG

ATCGCAGCTGTACCCGGCGGCTATGTCCGATTAAGGAGGGCAAGCCATGTTCGACGTACTCATGTATTTG

TTTGA

>NZ\_FO834906.1:455812-456285 Klebsiella pneumoniae strain Kp52.145 chromosome, complete genome

ATGTTCGACGTACTCATGTATTTGTTTGAAACTTACATCCATAGCGAAGCAGAAATGCGCGTGGATCAGG

ACAAACTGACGCGGGATCTTACCGATGCGGGTTTTGAGCGGGAAGACATCTATAACGCGTTAATGTGGCT

CGAGAAACTGGCTGATTATCAGGAAGGTCTCGTTGAACCCATGCAGCTCGCTTCCGACCCGCTCTCTCTT

CGGGTATATACCGAAGAGGAGTGCCAGCGTCTGGATGCCAGTTGCCGGGGGTTTTTACTCTTCCTCGAGC

AGATTCAGGTGTTGAACCTCGAAACGCGAGAAATGGTGATAGAGCGCGTACTGGCGCTGGATACGGCAGA

ATTTGAGCTGGAAGACCTGAAATGGGTCATCCTGATGGTACTGTTCAATATTCCGGGCTGTGAAAACGCC

TATCAGCAAATGGAAGAATTACTCTTCGAAGTAAATGAAGGTATGCTGCATTAA