MCR-3\_F: 5’-CYGTCCCCTGCATGTTYTCC-3’

MCR-3\_R: 5’-CCTTTGCAGCCKCCATCGTT-3’

mcr-3.1\_NG\_055505.1 GGCGTGATCTCCTTTAATGATGTTCGTTCGTGTGGGACTGCAACCGCTGTATCCGTCCCC 846

NCTC-13406\_pmrC-like GATGTCATCAACTTCCCGCGGGCCTCCTCCTGTGGCACGGAAACCGCCGTTTCCGTCCCC 1011

SACU-32799\_pmrC-like GATGTCATCAACTTCCCGCGGGCCTCCTCCTGTGGCACGGAAACCGCTGTTTCCGTCCCC 1011

SACU-27329\_pmrC-like GACGTGGTGTACTTCCCGAAAACCACCTCCTGCGGCACCGCAACCGCGGTTTCCGTCCCC 861

NCTC-13443\_pmrC-like GGCGTGATCTATTTTCCGCATACCACTTCCTGCGGCACGGCAACCGCAGTTTCCGTGCCG 861

ATCC-700603\_pmrC-like AACGTGGTGTACTTCCCGAAAACCACCTCCTGCGGCACAGCAACTGCGGTTTCCGTGCCC 861

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mcr-3.1\_NG\_055505.1 TGCATGTTCTCCAATATGGGGAGAAAGGAGTTTGATGATAATCGCGCTCGCAATAGCGAG 906

NCTC-13406\_pmrC-like TGCATGTTCTCCGGCATGACGCGGAAAAAATATGACGCGGACCTCGCCCATCATCAGGAA 1071

SACU-32799\_pmrC-like TGCATGTTCTCCGGCATGACGCGGAAAAAATATGACGCGGACCTCGCCCATCATCAGGAA 1071

SACU-27329\_pmrC-like TGCATGTTCTCCAATATGCCGCGCGCGCATTACGATGAAGAACTGGCGCACCATCAGGAA 921

NCTC-13443\_pmrC-like TGCATGTTCTCCAATATGCCGCGCGCGCATTATGACGAAGAGCTGGCGCACCATCAGGAA 921

ATCC-700603\_pmrC-like TGCATGTTCTCCAATATGCCGCGCGCGCGCTATGACGAAGAGCTGGCCCATCACCAGGAA 921

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mcr-3.1\_NG\_055505.1 GGCCTGCTAGATGTGTTGCAAAAAACGGGGATCTCCATTTTTTGGAAGGAGAACGATGGA 966

NCTC-13406\_pmrC-like GGTCTGCTCGATGTCCTTAACCATGCCGGGTTCAACCTGCTGTGGCGCGACAACGACGGC 1131

SACU-32799\_pmrC-like GGTCTGCTTGATGTGCTTAACCACGCCGGGTTCAACCTGCTGTGGCGCGATAACGACGGC 1131

SACU-27329\_pmrC-like GGCGTTCTGGATATTTTGCAGCGCGCCGGTGTTCAGGTGCTGTGGAACGACAACGATGGC 981

NCTC-13443\_pmrC-like GGCGTCCTGGATATTCTACAGCGCGCAGGGATCCAGGTACTGTGGAACGATAACGACGGC 981

ATCC-700603\_pmrC-like GGCGTCCTGGATATTCTGCAGCGCGCCGGCATCCAGGTGCTGTGGAACGACAACGATGGC 981

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mcr-3.1\_NG\_055505.1 GGCTGCAAAGGCGTCTGCGACCGAGTACCTAACATCGAAATCGAACCAAAGGATCACCCT 1026

NCTC-13406\_pmrC-like GGGTGTAAAGGCGCCTGCGACCGCGTGCCGCACACGGACATGACCCAGTGGAAACTGGAT 1191

SACU-32799\_pmrC-like GGGTGTAAAGGCGCCTGCGACCGCGTGCCGCACACGGACATGACCCAGTGGAAACTGGAT 1191

SACU-27329\_pmrC-like GGCTGTAAAGGCGCCTGTGACCGCGTGCCGCATCAGAACGTCACCAACCTGAACCTCAGC 1041

NCTC-13443\_pmrC-like GGCTGCAAAGGCGCCTGCGACCGGGTACCACACCAGAACGTCACCGACCTGAAGCTCACC 1041

ATCC-700603\_pmrC-like GGCTGCAAGGGGGCATGCGATCGGGTACCGCATCAGAACGTGACCGATCTGAAGCTAACC 1041

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>SACU-27329\_pmrC-like Klebsiella aerogenes

ATGTCGTTTATTTCTTTACGTCGGCCGGTACTCAGCCGCACGGCTTATTTGACTCTCTTTGCCTGTTATATCGGTATCTTTCTTAACCTGGCCTTTTATCGCCAGGTTTTCCCGCTACTGCCGGTAAACAATCTCCATAACTGGCTGGTTTTCCTTAGCATGCCGATCGTGGCAATTAGCGTGATGAACATCATCACCACCCTCGCCTCGTTCTTAAAGCTCGACCGGGTAGTCATCAGCCTGTTTATTCTGCTGAGCGCCTCGGCGCAGTACTTTATCTGGACCTTCGGCGTGGTGATCGACCGTTCGATGATCGCCAATATCTTCGATACAACGCCTGCAGAAAGTTTTGCCCTGCTGTCGACGCAAATGGTCATCGTGCTGGGTCTCTCCGGGCTATTGATGGTACTGGTTGCCTGGTGGATTAAAGTTCGCAAACCGGCCTCTTTCTGGCGCGGCGCGGCGATGCGTCTGCTCAATATCGCCGTTTCAGCGCTGCTCATTGTGCTGGTGGCGGCGCTGTTCTACAAAGATTACGCCTCGGTGTTCCGTAACAATAAGGAGCTGGTGAAATCTTTAAGCCCATCCAACAGCATTGTGGCGCTGAACTCGTGGTATGCGCATAACCGGATGGATAACCTGCCGCTGGTGAAGATCGGCGAAGATGCCAAACAGAAAGCGGTGATGCATAACGGCCCGCGTAAAAATCTGACCATCGTGGTGCTGGGCGAAACCTCGCGTGCCGAGAATTTCTCGCTGGGTGGCTACGATCGCGAAACTAACCCGCGCCTGAAACAGGACGACGTGGTGTACTTCCCGAAAACCACCTCCTGCGGCACCGCAACCGCGGTTTCCGTCCCCTGCATGTTCTCCAATATGCCGCGCGCGCATTACGATGAAGAACTGGCGCACCATCAGGAAGGCGTTCTGGATATTTTGCAGCGCGCCGGTGTTCAGGTGCTGTGGAACGACAACGATGGCGGCTGTAAAGGCGCCTGTGACCGCGTGCCGCATCAGAACGTCACCAACCTGAACCTCAGCGGCGAGTGCATTGATGGCGAGTGCTACGATGACGTGCTGTTCCATAATCTTGATAGCTATATCGATAATTTACAGCTGGATGGCATTATCGTTCTGCACACCATTGGTAGTCATGGCCCGACCTATTACAATCGCTACCCGGCTGAATTCAAAAAATTCACCCCGACCTGCGATACCAATGAAATCCAAAGTTGTACGCAACAACAGTTGACCAATACCTACGACAACACCATTTTGTACGTCGACTATGTGGTTGATAAAGCGATAAAATTGCTGCAATCAAAACAGGATAGATTCACCACCAGTCTGGTGTATTTGTCTGACCACGGCGAATCGCTGGGTGAAGATGGCGTGTATCTGCATGGCCTGCCGTACTCCATAGCGCCGGATACGCAAAAACACGTGCCGATGCTGCTGTGGTTGTCGCCGGATTATCAGCAACGCTATGGCGTATCCAGCCAGTGTTTGCAACAGCAGGCGAAGACGAACGATTATTCACAAGATAATCTGTTCTCTACCCTGCTTGGCCTGCTCGGGGTAGACACCCGCGAGTATCAGGCAAAAGACGACCTTTTAACGCCATGTAGAGAGACCGGCAGATGA

>NCTC-13443\_pmrC-like Klebsiella pneumoniae

ATGTCGTTATTGCCTCTGCGTCGGCCGGTGGTCAGCCGCACGACTTATCTGATTCTCTTTGCTTGCTATATCGGTATCTGTCTCAACCTGGCTTTTTATCGCCAGGTTTTCCCGTTACTGCCGGTAAATAGCCTGCATAACTGGCTGGTATTCCTCAGTATGCCGATCGTGGCCATTAGCGTGATGAATATCCTCACCACTCTCGCCTCGTTCCTGAAGCTGGACCGGCTGGTGATTAGCCTGTTCATTCTGCTCAGCGCCTCGGCGCAATACTTCATCTGGAACTTTGGCGTGGTGATCGACCGCAGCATGATCACCAATATCCTCGACACCACTCCGGCGGAAAGCTTTGCTCTACTCTCCGGCGAAATGATTGCCGTCCTCGGCCTTTCCGGGGTTTTGGCGGTATTCGTCGCCTGGTGGGTGAAAATCCGTAAGCCCGCCACCCGGTGGCGCGGCGCGGCGATGCGCCTGCTCAATATCGCCGTTTCGGCGCTGCTGATTATTCTGGTGGCCGCGCTGTTCTACAAAGATTACGCCTCGGTGTTCCGTAACAACAAAGAGCTGGTGAAATCCCTGAGCCCTTCCAACAGCATTGTGGCCGTGAACTCCTGGTATGCTCATCATCGGATGGACAACCTGCCGCTGGTGAAGATTGGCGAAGATGCCACGCAGAAAGCGGTGATGCATAACGCTCCCCGTAAGAACCTGACGATCGTCGTGCTCGGCGAGACTTCGCGAGCGGATAACTTCTCACTGGGCGGCTATTTGCGCGACACCAACCCGTTGATGCGGCAGGACGGCGTGATCTATTTTCCGCATACCACTTCCTGCGGCACGGCAACCGCAGTTTCCGTGCCGTGCATGTTCTCCAATATGCCGCGCGCGCATTATGACGAAGAGCTGGCGCACCATCAGGAAGGCGTCCTGGATATTCTACAGCGCGCAGGGATCCAGGTACTGTGGAACGATAACGACGGCGGCTGCAAAGGCGCCTGCGACCGGGTACCACACCAGAACGTCACCGACCTGAAGCTCACCGGACAGTGCATCGATGGCGAGTGCTACGATGACGTCCTGTTCCATAATCTCGACAGCTATATCGATAACCTGCAACAGGATGGCATTATTGTGCTGCATACCATCGGCAGCCACGGTCCGACGTACTACAATCGCTATCCAGCGGCGTTTCGCAAATTCACGCCGACCTGCGACACCAATGAGATCCAGGGCTGTACCCGGGAGCAGTTGACCAATACCTATGACAACACCATCCTTTATGTCGACTATGTCGTTGATAAAGCGATAAAACTACTGCAATCTAAACAGGATAAATTTACCACTAGTCTGGTTTATTTGTCCGACCACGGCGAATCGCTGGGAGAAGATGGCGTCTATTTGCATGGTCTGCCGTATTCCATCGCGCCGGATACGCAGAAACATGTGCCGATGGCGCTGTGGCTCTCCGCCGACTACCAGCAGCGCTACGGCATTTCCGCGCACTGTCTGCAGCAGCGGGCGCAAAAAGAGAATTACTCGCAGGATAATCTGTTCTCCACCCTGCTCGGCCTGCTCGGCGTCAGCACCCGCGAGTACCAGGCGGCAGATGATATCTTAACGCCATGTAGAGAGGCTGGTTGA

>ATCC-700603\_pmrC-like Klebsiella pneumoniae

ATGTCTTTATTGCCTCTGCGTCGGCCCGTTCTCAGCCGCACAACGTATCTGATTCTCTTTGCTTGCTATATCGGTATCTTTCTCAACCTGGCTTTTTATCGCCAGGTTTTCCCGCTACTGCCGGTAAATAGCCTGCATAACTGGCTGGTATTCCTCAGTATGCCAATCGTGGCCATTTGCGTGATGAATATCCTCACCACCCTCGCCTCGTTCCTGAAGCTGGACCGGCTGGTGATTAGCCTTTTTATTCTACTCAGCGCTTCGGCTCAGTACTTTATCTGGTCCTTCGGCGTGGTGATTGACCGTTCGATGATCGCCAATATCTTCGATACCACACCGGCGGAAAGCTTCGCTCTGTTGTCGACGAAAATGGTCATCGTGCTTGGAGTTTCCGGCCTGTTGATGGTTCTGGTGGCCTGGTGGATTAAAGTTCGTAAACCTGCCTCTTTCTGGCGCGGCGCGGCGATGCGTCTGCTCAATATCGCCGTTTCGGCACTACTGATAATTCTGGTGGCCGCGCTGTTCTACAAAGATTACGCCTCGGTGTTCCGTAACAACAAAGAGCTGGTGAAATCCCTGAGCCCCTCCAACAGCATTGTGGCGCTGAACTCCTGGTATGCGCACCATCGCATGGACAACCTGCCGCTGGTGAAGATTGGCGAAGATGCCACGCAGAAACCGGTGATGCATAACGGTCCCCGTAAGAACCTGACGATTGTGGTGCTCGGCGAGACTTCGCGAGCGGATAACTTCTCACTGGGCGGCTACGATCGGGAGACTAACCCGCGCCTGCAACAGGACAACGTGGTGTACTTCCCGAAAACCACCTCCTGCGGCACAGCAACTGCGGTTTCCGTGCCCTGCATGTTCTCCAATATGCCGCGCGCGCGCTATGACGAAGAGCTGGCCCATCACCAGGAAGGCGTCCTGGATATTCTGCAGCGCGCCGGCATCCAGGTGCTGTGGAACGACAACGATGGCGGCTGCAAGGGGGCATGCGATCGGGTACCGCATCAGAACGTGACCGATCTGAAGCTAACCGGACAGTGCATCGACGGCGAGTGCTACGACGACGTGCTGTTCCATAATCTCGACAGCTATATCGATAACCTGCAACAGGATGGCATTATCGTACTGCATACCATCGGCAGCCACGGCCCAACCTATTACAATCGCTATCCGGCTGAGTTCAAAAAATTCACCCCAACCTGCGATACCAATGAAATCCAAAGTTGTACGCAACAACAGTTGACCAATACCTACGATAACACCATTCTGTATGTCGACTATGTCGTTGATAAAGCGATAAAACTACTGCAATCTAAACAGGACAAATTCACCACTAGCCTGGTTTATTTGTCCGACCACGGCGAATCGCTGGGCGAAAATGGCGTCTATTTGCATGGTCTGCCGTACTCCATTGCGCCGGATACGCAAAAGCACGTGCCCATGCTGCTGTGGCTGTCGCCGGATTACCAGCAACGTTACGGTGTTTCCAGCCAGTGTTTGCAACAACAGGCTAAGACGAAGGATTATTCACAAGATAATCTGTTCTCCACCCTGCTCGGCCTGCTCGGCGTCAGCACCCACGAGTACCAGGCGGCAGATGATATTTTAACGCCATGTAGAGAGGCTGGTTGA

>NCTC-13406\_pmrC-like Enterobacter cloacae complex

TTGCTCTGCCACACCTACCTCCAGAACGTCATTATTCCCTACAGTGAAGACCCTAAATGGCTTGCATGCAAGGATGTCCGCCACAAACAGGACATTAAGGTTTCGCTAATCTTCCCTTCTTATACTCGCCGCATTGATATAACGAATGGTCTGGTCATCATGTGGTTCACTAAAAAGTTACACTGTAACGATATAAAATTTACTCTGGGCTGTGCACTTTTCTTCACCGTACTGAATGCACTGTTTATCCAGCGCAGCTGGTCAATCATTGCGCCTGCGCATCTGCACGATGTCCTGTTTGCTGCCAGCGTGCCGCTGGTACTGTTCTGCGGCTGGGTGATTGTCTTCAGCCTGTTAAATATCCCCTATATTCGTAAGCCGCTCCTGATTGTCCTGACCCTGGGATGTGCCGCCGCGACCTGGTTTATGTATTCCTATGGTACGGTTATCGATCAGAACATGATTGTGAACGTGTTCGAGACTAATTCTCAGGAAGCGACTGCCCTGGTGACGCCGCAGATGATCCTGTGGCTGGTCGTAGCGGGTCTGGTTCCATCTGTTGTGTTAGCCCTGACGCGCATTCGCACAGGAAAATGGTGGTATGCCCTCCTGACGCGCTTCGCCGCTATGCTGGGTGCGCTGCTGGTGATCATCCTGGTCGCGTCAGTGTTCTATAAAGACTATGCTTCGCTGTTCCGTAATAATAAAAGCATCGTCAAAATGGTTACCCCGGCGAATTATGTCAGCGCCATGGTGAAATACAGCAAAATGCGCTGGTTTGCCGGCGACCAGACGCTGGTCCGCATTGGCGAAGATGCTCATAAAGGCGCGCTGATTTCCGGCCAACGCAAAAAAACCGTACTGGTTGTAGTGGTGGGCGAAGCCTCCCGCGCCGCAAACTACTCGTTAAATGGTTACCCGCGTGAAACCAACCCCGAGCTGAAAAAGCAGGATGTCATCAACTTCCCGCGGGCCTCCTCCTGTGGCACGGAAACCGCCGTTTCCGTCCCCTGCATGTTCTCCGGCATGACGCGGAAAAAATATGACGCGGACCTCGCCCATCATCAGGAAGGTCTGCTCGATGTCCTTAACCATGCCGGGTTCAACCTGCTGTGGCGCGACAACGACGGCGGGTGTAAAGGCGCCTGCGACCGCGTGCCGCACACGGACATGACCCAGTGGAAACTGGATCAGTTCTGTAAGGACAAATCCTGTATCGACGACGTCAACCTGTACCGCCTGGACAACGTGCTGGATGGAATAAAGCAGGATACGGTTCTGGTTATTCACCTGATGGGCAGCCACGGTCCGGCCTATTACAAACGCTACCCGGACAGCTTCCGCAAGTTCACCCCAACCTGCGATACCAATGAAATACAGGATTGCGATCATCAGTCGCTGATCAATACCTATGACAACACGATTCTTTATACCGACAGCGTCGTCAGCCGAACCATCGACGCGCTGAAAGCCCGGCAGGCCAACATGAACACGGCGCTCATTTACCTCTCCGATCACGGTGAATCGCTGGGTGAAAGCGGAATTTACCTGCACGGTACGCCGTATATGCTGGCCCCGGAGCAGCAAACGCATATTCCGTTTATGTTCTGGCTCTCCCAGGATTATGCGAAAAACTTTGGCGTAAACACGGATTGCCTGCGTGACCATGCCGCAAAAGAGGCGGTTTCACAGGACAATTTATTCGCCACCGTTCTGGGCATGATGGACGTGAAATCAGCGGTTTATCAACCGCAGCTGGATATTCTGTCGCAGTGTCGTCGCTAA

>32799\_pmrC-like Enterobacter cloacae complex

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