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              1                                                                                          112
OX20-8        ATGGATTATGAAATCGCTGAGAGCACTGACAAGGCCGATATCACTGTTGATGCAAGGAGTTTTAGTTGGGCAGTGGACAGTGCGATAAAGAGTGAGACTGCGTCAATTTTGG
4213-1(OX)    ATGGATTATGAAATCGCTGAGAGCACTGACAAGGCCGATATCACTGTTGATGCAAGGAGTTTTAGTTGGGCAGTGGACAGTGCGATAAAGAGTGAGACTGCGTCAATTTTGG
PI105B        ATGGATTCTGAAATCGTTGAGAGCACTGACATGGCCGATATCACTGTTGATGCAAAGAGTTTTAGTTGGGCAGTGGACAGTGCGATAAAGAGTGAGACTGCGTCAATTTCGG
4213-32(1...  ATGGATTCTGAAATCGTTGAGAGCACTGACATGGCCGATATCACTGTTGATGCAAAGAGTTTTAGTTGGGCAGTGGACAGTGCGATAAAGAGTGAGACTGCGTCAATTTCGG
WMS-82        ATGGATTATGAAATCGCTGAGAGCACTGACAAGGCCGATATCACTGTTGATGCAAGGAGTTTTAGTTGGGCAGTGGACAGTGCGATAAAGAGTGAGACTGCGTCAATTTTGG

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              113                                                                                        224
OX20-8        GAGAATCCCGAATCCATAGTTTTTGTTCCGTAGTGGACAATGCCATAAGGAGTAGGACTGCATCAGATTTGGGAACATCTCCTTCCCCTGTCCATAGTCTTGCTTCGGCAGT
4213-1(OX)    GAGAATCCCGAATCCATAGTTTTTGTTCCGTAGTGGACAATGCCATAAGGAGTAGGACTGCATCAGATTTGGGAACATCTCCTTCCCCTGTCCATAGTCTTGCTTCGGCAGT
PI105B        GAGAATCCCGAATCCATAGTTTTTGTTCCGTAGTGGACAATGCCATAAGGAGTAGGACTGCATCAGATTTGGGAACATCTCCTTCTCCTGTCCATAGTCTTGCTTCGGCAGT
4213-32(1...  GAGAATCCCGAATCCATAGTTTTTGTTCCGTAGTGGACAATGCCATAAGGAGTAGGACTGCATCAGATTTGGGAACATCTCCTTCTCCTGTCCATAGTCTTGCTTCGGCAGT
WMS-82        GAGAATCCCGAATCCATAGTTTTTGTTCCGTAGTGGACAATGCCATAAGGAGTAGGACTGCATCAGATTTGGGAACATCTCCTTCCCCTGTCCATAGTCTTGCTTCGGCAGT

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              225                                                                                        336
OX20-8        GGCCAATGCAATGAGCAGCAGTAGTGCTGCACCATTTTCACAACTGGAAACGTCTCCTTCTCCTGTCCAGAGTCTTGCTTCGGCAGTGCCCAGTGCAATGAGCAGGAGTAAA
4213-1(OX)    GGCCAATGCAATGAGCAGCAGTAGTGCTGCACCATTTTCACAACTGGAAACGTCTCCTTCTCCTGTCCAGAGTCTTGCTTCGGCAGTGCCCAGTGCAATGAGCAGGAGTAAA
PI105B        GGCCAATGCAATGAGCAGCAGTAGT-----------------------------------------------------------------------------------------
4213-32(1...  GGCCAATGCAATGAGCAGCAGTAGT-----------------------------------------------------------------------------------------
WMS-82        GGCCAATGCAATGAGCAGCAGTAGTGCTGCACCATTTTCACAACTGGAAACGTCTCCTTCTCCTGTCCAGAGTCTTGCTTCGGCAGTGCCCAGTGCAATGAGCAGGAGTAAA

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              337                                                                                        448
OX20-8        GCTGCACCATTTTCACAACTGGAAGTGGTGCCGAACGCCACTAGACATGTTCCTGCACGATTATTCACCTGGGCTGAGCTTAAAGCAGCCACCAACAATTTCTCACCTCACA
4213-1(OX)    GCTGCACCATTTTCACAACTGGAAGTGGTGCCGAACGCCACTAGACATGTTCCTGCACGATTATTCACCTGGGCTGAGCTTAAAGCAGCCACCAACAATTTCTCACCTCACA
PI105B        GCTGCACCATTTTCACAACTGGAAGTGGTGCCCAACGCCACTGGACTTGTTCCTGCACGATTATTCACCTGGTCTGAGCTTAAAGAAGCCACCTACAATTTCTCACCTCACA
4213-32(1...  GCTGCACCATTTTCACAACTGGAAGTGGTGCCCAACGCCACTGGACTTGTTCCTGCACGATTATTCACCTGGTCTGAGCTTAAAGAAGCCACCTACAATTTCTCACCTCACA
WMS-82        GCTGCACCATTTTCACAACTGGAAGTGGTGCCCAACGCCACTAGACATGTTCCTGCACGATTATTCACCTGGGCTGAGCTTAAAGCAGCCACCAACAATTTCTCACCTCACA

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              449                                                                                        560
OX20-8        ACCGGATTCGTCATTTTGGAACCTTTGGCTTTGGGTACAGAGGCAAACTCGTTGATGGTCGTGAGGTCGCAATCGTTAAGGGAACCCAGTTTGGTAAGTCTGAATTTGCCAT
4213-1(OX)    ACCGGATTCGTCATTTTGGAACCTTTGGCTTTGGGTACAGAGGCAAACTCGTTGATGGTCGTGAGGTCGCAATCGTTAAGGGAACCCAGTTTGGTAAGTCTGAATTTGCCAT
PI105B        ACCGGATTCGTCATTTTGGAAGCTTTTTTCTTTGTGTACAGAGGCAAACTCGTTGATGGTCGTGAGGTCGCAATCGTTAAGGAAAACCCCGTTTGGTAAGTCTGAATTTGCCAT
4213-32(1...  ACCGGATTCGTCATTTTGGAAGCTTTTTTCTTTGTGTACAGAGGCAAACTCGTTGATGGTCGTGAGGTCGCAATCGTTAAGGAAAACCCCGTTTGGTAAGTCTGAATTTGCCAT
WMS-82        ACCGGATTCGTCATTTTGGAACCTTTGGCTTTGGGTACAGAGGCAAACTCGTTGATGGTCGTGAGGTCGCAATCGTTAAGGGAACCCAGTTTGGTAAGTCTGAATTTGCCAT

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              561                                                                                                      672
OX20-8        CTTTTCCCGTTTAGACCATAGGAACTTGGTTGGGCTTGTTGGGTACTGTGAAAACAGAGATGAAAGGCTGTCAGTTTACGAGTATATGAAGAATGGGTTGTTGCGTGATTGC
4213-1(OX)    CTTTTCCCGTTTAGACCATAGGAACTTGGTTGGGCTTGTTGGGTACTGTGAAAACAGAGATGAAAGGCTGTCAGTTTACGAGTATATGAAGAATGGGTTGTTGCGTGATTGC
PI105B        CTTTTCCCGTTTAGACCATAGGAACTTGGTTGGGCTTGTTGGGCACTGTGAAAACAGAGATGAAAGGCTGTCAGTGTATGAGTATATGAAGAATGGGTCATTGCATGATTGC
4213-32(1...  CTTTTCCCGTTTAGACCATAGGAACTTGGTTGGGCTTGTTGGGCACTGTGAAAACAGAGATGAAAGGCTGTCAGTGTATGAGTATATGAAGAATGGGTCATTGCATGATTGC
WMS-82        CTTTTCCCGTTTAGACCATAGGAACTTGGTTGGGCTGGTTGGGTACTGTGAAAACAGAGATGAAAGGCTGTCAGTTTACGAGTATATGAAGAATGGGTTGTTGCGTGATTGC

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              673                                                                                                      784
OX20-8        TTGCATGATAAGAACAATGTGGACAAGGATAGCAGTGTGTTGAATTCGTGGAAAATGAGGATCAAGATTGCTTGGGATGCTTCCTTGGGAATACAATATCTGCATAATTATG
4213-1(OX)    TTGCATGATAAGAACAATGTGGACAAGGATAGCAGTGTGTTGAATTCGTGGAAAATGAGGATCAAGATTGCTTGGGATGCTTCCTTGGGAATACAATATCTGCATAATTATG
PI105B        TTGCAAGATAAGAACAATGTGGACAAGGATTGCAGTGTGTTGAATTCGTGGAAAATGAGGATCAAGATTGCTTTGGATGCTTCCTTGGGAATACAATATCTGCATAATTATG
4213-32(1...  TTGCAAGATAAGAACAATGTGGACAAGGATTGCAGTGTGTTGAATTCGTGGAAAATGAGGATCAAGATTGCTTTGGATGCTTCCTTGGGAATACAATATCTGCATAATTATG
WMS-82        TTGCATGATAAGAACAATGTGGACAAGGATAGCAGTGTGTTGAATTCGTGGAAAATGAGGATCAAGATTGCTTGGGATGCTTCCTTGGGAATACAATATCTGCATAATTATG

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              785                                                                                                      896
OX20-8        CAAATCCATCTATTATTCACAGGGATATCAAGTCTTCCAATATTCTTCTTGATGCCAGTTGGACGGCTAGAGTATTTGATTTTGAATTGTCGTTCATATGTCCAGAACCTGA
4213-1(OX)    CAAATCCATCTATTATTCACAGGGATATCAAGTCTTCCAATATTCTTCTTGATGCCAGTTGGACGGCTAGAGTATTTGATTTTGAATTGTCGTTCATATGTCCAGAACCTGA
PI105B        CAAATCCATCTATTATTCACAGAGGTATCAAGTCTTCTAATATTCTTCTTGATGCCACTTGGACGGCTAGAGTATTTGGTTTTGGATGGTCGTTCATATGTCCAGAACCTGA
4213-32(1...  CAAATCCATCTATTATTCACAGAGGTATCAAGTCTTCTAATATTCTTCTTGATGCCACTTGGACGGCTAGAGTATTTGGTTTTGGATGGTCGTTCATATGTCCAGAACCTGA
WMS-82        CAAATCCATCTATTATTCACAGGGATATCAAGTCTTCCAATATTCTTCTTGATGCCAGTTGGACGGCTAGAGTATTTGATTTTGAATTGTCGTTCATATGTCCAGAACCTGA

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              897                                                                                                      1008
OX20-8        CGATGAATACGATGAGATTATAATGGGAACCATGGGATACATGTGCCCTGAGTACATGACTCGAGGTGTGTTGACAGCAAAGTGTGATGTGTACGGGCTTGGAGTTGTATTG
4213-1(OX)    CGATGAATACGATGAGATTATAATGGGAACCATGGGATACATGTGCCCTGAGTACATGACTCGAGGTGTGTTGACAGCAAAGTGTGATGTGTACGGGCTTGGAGTTGTATTG
PI105B        CGGTGAATACGAAGAGAGAATAGTGGGAACCTACGGATACATTTCCCCTGAGTACGCCATGTGGGGTGTGTTGACAGCAAAGTGTGATGTGTACGCGCTTGGAGTTGTATTG
4213-32(1...  CGGTGAATACGAAGAGAGAATAGTGGGAACCTACGGATACATTTCCCCTGAGTACGCCATGTGGGGTGTGTTGACAGCAAAGTGTGATGTGTACGCGCTTGGAGTTGTATTG
WMS-82        CGATGAATACGATGAGATTATAATGGGAACCATGGGATACATGTGCCCTGAGTACATGACTCGAGGTGTGTTGACAGCAAAGTGTGATGTGTACGGGCTTGGAGTTGTATTG

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              1009                                                                                                     1120
OX20-8        CTTGAACTTTTAACGGGTAAGAGAGCTATACTACTCGAGTCTGAGGAAGATGGACCTCCATTTTATTTGGTGGACTTTGCAGTGCCTCCTATTTTGGCTGGAGATTTGGTCG
4213-1(OX)    CTTGAACTTTTAACGGGTAAGAGAGCTATACTACTCGAGTCTGAGGAAGATGGACCTCCATTTTATTTGGTGGACTTTGCAGTGCCTCCTATTTTGGCTGGAGATTTGGTCG
PI105B        CTTGAACTTTTAACGGGTAAGAGAGTTATATTGCCC---TCTGAGGACGGTGAAGAACCA---CGTTTGCTGGACTTTGCAGTGCCTCCTATTTTGGCTGGAGATTTGGTCG
4213-32(1...  CTTGAACTTTTAACGGGTAAGAGAGTTATATTGCCC---TCTGAGGACGGTGAAGAACCA---CGTTTGCTGGACTTTGCAGTGCCTCCTATTTTGGCTGGAGATTTGGTCG
WMS-82        CTTGAACTTTTAACGGGTAAGAGAGCTATACTACTCGAGTCTGAGGAAGATGGACCTCCATTTTATTTGGTGGACTTTGCAGTGCCTCCTATTTTGGCTGGAGATTTGGTCG

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              1121                                                                                                              1232
OX20-8        AAATTTTGGATTCAAGGGTTGGACCACCCGATTTGAAAGAAGCAGAGGCACTGAAGATCCTGGCCCATACAGCTATACGTTGTGTGGAAGAGGAACCGAGGCAAAGACCAAC
4213-1(OX)    AAATTTTGGATTCAAGGGTTGGACCACCCGATTTGAAAGAAGCAGAGGCACTGAAGATCCTGGCCCATACAGCTATACGTTGTGTGGAAGAGGAACCGAGGCAAAGACCAAC
PI105B        AAATTTTGGATTCAAGGGTTGGACCACCCGATGTGAAAGAAGCAGAGGCACTGAAGATCCTGGCCCATACAGCTATACGTTGTGTGGAAGTGGAACCGAGGCATAGACCAAC
4213-32(1...  AAATTTTGGATTCAAGGGTTGGACCACCCGATGTGAAAGAAGCAGAGGCACTGAAGATCCTGGCCCATACAGCTATACGTTGTGTGGAAGTGGAACCGAGGCATAGACCAAC
WMS-82        AAATTTTGGATTCAAGGGTTGGACCACCCGATTTGAAAGAAGCAGAGGCACTGAAGATCCTGGCCCATACAGCTATACGTTGTGTGGAAGAGGAACCGAGGCAAAGACCAAC

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              1233                                                                                                              1344
OX20-8        CATGAATGACATTGTGGTCGATTTGGATCGGGCTTTTGCTATTTGTGGTAGTAGCCTATATGATGAGAACTTTTCCTATTCCATTGCATTACCATCACATGAGTCCAATCAT
4213-1(OX)    CATGAATGACATTGTGGTCGATTTGGATCGGGCTTTTGCTATTTGTGGTAGTAGCCTATATGATGAGAACTTTTCCTATTCCATTGCATTACCATCACATGAGTCCAATCAT
PI105B        CATGAATGACATTGTGGTCGATTTGGATCGGGCTTTTGCTATTTGTGGTAGTAGCCTATATGATGAGAACTTTTCCTATTCCAATGCATTACCATCACATGAGTCCAATCAT
4213-32(1...  CATGAATGACATTGTGGTCGATTTGGATCGGGCTTTTGCTATTTGTGGTAGTAGCCTATATGATGAGAACTTTTCCTATTCCAATGCATTACCATCACATGAGTCCAATCAT
WMS-82        CATGAATGACATTGTGGTCGATTTGGATCGGGCTTTTGCTATTTGTGGTAGTAGCCTATATGATGAGAACTTTTCCTATTCCATTGCATTACCATCACATGAGTCCAATCAT

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              1345                                                            1413
OX20-8        ATGACTCCGGATCCTCTTGATACGGACTCATGTGATATTCCAATCTACGAAGAGAATACGAACTCATGA
4213-1(OX)    ATGACTCCGGATCCTCTTGATACGGACTCATGTGATATTCCAATCTACGAAGAGAATACGAACTCATGA
PI105B        ATGACTCCGGATCCTCTTGATACGGACTCATGTGATATTCCAATCGACGAAGAGATT-----CTTATTA
4213-32(1...  ATGACTCCGGATCCTCTTGATACGGACTCATGTGATATTCCAATCGACGAAGAGATT-----CTTATTA
WMS-82        ATGACTCCGGATCCTCTTGATACGGACTCATGTGATATTCCAATCTACGAAGAGAATACGAACTCATGA

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