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rb_8683    ATGGAAGCTGCTGCTCCTCCTGCTCTTACAAGCCCTGCCCGCGCAAGATGGAGCGC
rb_49489   ATGGAAGCTGCTGCTCCTCCTGCTCTTACAAGCCCTGCCCGCGCAAGATGGAGCGC
rb_54131   ATGGAAGCTGCTGCTCCTCCTGCTCTTACAAGCCCTGCCCGCGCAAGATGGAGCGC
*****

rb_8683    GCTGATGGCCCGCTACGGTGCTCGCTATTGGAACGCCAACCCGCCTAATGTCTTCTG
rb_49489   GCTGATGGCCCGCTACGGTGCTCGCTATTGGAACGCCAACCCGCCTAATGTCTTCTG
rb_54131   GCTGATGGCCCGCTACGGTGCTCGCTATTGGAACGCCAACCCGCCTAATGTCTTCTG
*****

rb_8683    CAGAGTCAATACCCCGACTTCTACTTCAACATCACCAACAGCAACACATGGCCGACCTC
rb_49489   CAGAGTCAATACCCCGACTTCTACTTCAACATCACCAACAGCAACACATGGCCGACCTC
rb_54131   CAGAGTCAATACCCCGACTTCTACTTCAACATCACCAACA-----
*****

rb_8683    AAGGAGAAGTTCAGCGAATGTGTGACAAGTCAGGGATCACCAAGAGGTACATGTATCTG
rb_49489   AAGGAGAAGTTCAGCGAATGTGTGACAAGTCAGGGATCACCAAGAGGTACATGTATCTG
rb_54131   AAGGAGAAGTTCAGCGAATGTGTGACAAGTCAGGGATCACCAAGAGGTACATGTATCTG
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rb_8683    AATGAGGAGATACTGAAAGCCAACCCAAGCATGTGCGCATACTGGGAGAAGTCGCTGGAT
rb_49489   AATGAGGAGATACTGAAAGCCAACCCAAGCATGTGCGCATACTGGGAGAAGTCGCTGGAT
rb_54131   AATGAGGAGATACTGAAAGCCAACCCAAGCATGTGCGCATACTGGGAGAAGTCGCTGGAT
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rb_8683    GTGAGGCAGGATATGGTGGTGGTGGAGGTGCCCAAGCTGGGCAAGGAGGCAGCTGCCAAG
rb_49489   GTGAGGCAGGATATGGTGGTGGTGGAGGTGCCCAAGCTGGGCAAGGAGGCAGCTGCCAAG
rb_54131   GTGAGGCAGGATATGGTGGTGGTGGAGGTGCCCAAGCTGGGCAAGGAGGCAGCTGCCAAG
-----

rb_8683    GCCATCAAGAGTGGGGGCAGCCCAAGTCCAAGATAACCCATCTCATTTTCTGCACCACC
rb_49489   GCCATCAAGAGTGGGGGCAGCCCAAGTCCAAGATAACCCATCTCATTTTCTGCACCACC
rb_54131   GCCATCAAGAGTGGGGGCAGCCCAAGTCCAAGATAACCCATCTCATTTTCTGCACCACC
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rb_8683    AGTGGCGTTGACATGCTGGGGCTGATTGGGCACCTACCAAACCTTCTGGGCTCCGACCA
rb_49489   AGTGGCGTTGACATGCTGGGGCTGATTGGGCACCTACCAAACCTTCTGGGCTCCGACCA
rb_54131   ----GCGTTGACATGCTGGGGCTGATTGGGCACCTACCAAACCTTCTGGGCTCCGACCA
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rb_8683    AGTGTGAAGCGACTGATGATGTACCAGCAAGGCTGCTTTGCCGGAGGAACAGTCATGAGA
rb_49489   AGTGTGAAGCGACTGATGATGTACCAGCAAGGCTGCTTTGCCGGAGGAACAGTCATGAGA
rb_54131   AGTGTGAAGCGACTGATGATGTACCAGCAAGGCTGCTTTGCCGGAGGAACAGTCATGAGA
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rb_8683    ATCGCCAAGGATTTAGCAGAGAACAACAAGGAGCAAGAGTCCTGGTGGTTTGCAAGTAA
rb_49489   ATCGCCAAGGATTTAGCAGAGAACAACAAGGAGCAAGAGTCCTGGTGGTTTGCAAGTAA
rb_54131   ATCGCCAAGGATTTAGCAGAGAACAACAAGGAGCAAGAGTCCTGGTGGTTTGCAAGTAA
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rb_8683    TTAATGCGGTTACTTTCCGGGGCCCAAGTGAGACACATCTTGATAGCTTAGTTGGCCAA
rb_49489   TTAATGCGGTTACTTTCCGGGGCCCAAGTGAGACACATCTTGATAGCTTAGTTGGCCAA
rb_54131   TTAATGCGGTTACTTTCCGGGGCCCAAGTGAGACACATCTTGATAGCTTAGTTGGCCAA
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rb_8683    GCATTGTTTGGAGATGGTGCATCTGCAGTGATTATTGGGTCGGATCCTATTCTCAAGTA
rb_49489   GCATTGTTTGGAGATGGTGCATCTGCAGTGATTATTGGGTCGGATCCTATTCTCAAGTA
rb_54131   GCATTGTTTGGAGATGGTGCATCTGCAGTGATTATTGGGTCGGATCCTATTCTCAAGTA
*****

rb_8683    GAGAGGCCATGGTTCGAAGTGCACTATGTGGCATCAACATCTTA-----
rb_49489   GAGAGGCCATGGTTCGAAGTGCACTATGTGGCATCAACATCTTAACCTGATAGTGACGGA
rb_54131   GAGAGGCCATGGTTCGAAGTGCACTATGTGGCATCAACATCTTAACCTGATAGTGACGGA
*****

rb_8683    -----
rb_49489   GCCATTGATGGCCACCTGCGTGAGGTCGGCCTAACATTCCATCTGATGAAGGATGTCCTT
rb_54131   GCCATTGATGGCCACCTGCGTGAGGTCGGCCTAACATTCCATCTGATGAAGGATGTCCTT
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rb_8683    -----TCTGTTTTGAAAGATTCTTTCAGAAGGTGTTTGGT
rb_49489   GGCATCATCTCGAAGAACATTGGCTCTGTGTTGAAAGATTCTTTCAGAAGGTGTTTGGT
rb_54131   GGCATCATCTCGAAGAACATTGGCTCTGTGTTGAAAGATTCTTTCAGAAGGTGTTTGGT
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rb_8683    GAAGATGCTCCCTCTTTCAATGACTTGTCTGGATTGCGCACCCAGGCGGGCCTGCAATT
rb_49489   GAAGATGCTCCCTCTTTCAATGACTTGTCTGGATTGCGCACCCAGGCGGGCCTGCAATT
rb_54131   GAAGATGCTCCCTCTTTCAATGACTTGTCTGGATTGCGCACCCAGGCGGGCCTGCAATT
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rb_8683    CTCGATCAAGTGGAGCAAAAGCTGCAGCTAAAGCCCGAGAAAATGGCGCCAAGTAGGCAT
rb_49489   CTCGATCAAGTGGAGCAAAAGCTGCAGCTAAAGCCCGAGAAAATGGCGCCAAGTAGGCAT
rb_54131   CTCGATCAAGTGGAGCAAAAGCTGCAGCTAAAGCCCGAGAAAATGGCGCCAAGTAGGCAT
*****

rb_8683    GTGCTCTCAGAATTGCGGAACATGTGAGTGATGTGTAATTTTCATCATGGATCATTTG
rb_49489   GTGCTCTCAGAATTGCGGAACATGTGAGTGATGTGTAATTTTCATCATGGATCATTTG
rb_54131   GTGCTCTCAGAATTGCGGAACATGTGAGTGATGTGTAATTTTCATCATGGATCATTTG
*****

rb_8683    CGCAAGAAATCAGTAGAGCAGAATGCAACAACGACTGGGGAAGGGTACGAGTGGGGGTTG
rb_49489   CGCAAGAAATCAGTAGAGCAGAATGCAACAACGACTGGGGAAGGGTACGAGTGGGGGTTG
rb_54131   CGCAAGAAATCAGTAGAGCAGAATGCAACAACGACTGGGGAAGGGTACGAGTGGGGGTTG
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rb_8683    CTTCTCGGGTTTGGCCAGGCCTAACATGT--GAGACGGTGGGTTTTCGAAGTGTCCGCT
rb_49489   CTTCTCGGGTTTGGCCAGGCCTAACATGT--GAGACGGTGGGTTTTCGAAGTGTCCGCT
rb_54131   CTTCTCGGGTTTGGCCAGGCCTAACATGTGAGACGGTGGGTTTTCGAAGTGTCCGCT
*****

rb_8683    TGTAGCAAAATTA-----
rb_49489   TGTAGCAAAATTA-----
rb_54131   TGTAGCAAAATTAATAATATGGCAATCAAAGCAGGTATTCGAGATGCCATAA
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