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|  | whole seq |
| R2N.1C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCAGUUUUUUCAGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R10N.2B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGGGUUUUUUCCCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R9N.1C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGCGUUUUUUCCGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.2D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCCGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| NH5 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGCCGUUUUUUCGGCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGGCGUUUUUUCGCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R9N.1B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUGGUUUUUUCAGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUAGGUUUUUUCCUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R10N.1B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACGGUUUUUUCCGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCCCAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGGGGUUUUUUCCCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.1D1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCCCGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGGGUUUUUUCCGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3C1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUGGUUUUUUCCAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R8N.1A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUGGUUUUUUCCGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACGGUUUUUUCGUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R8N.1D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGGGUUUUUUCUUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R10N.1C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAUGUUUUUUCAUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCUGUUUUUUCAGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.1D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUUGUUUUUUCAGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.4D1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGGUGUUUUUUCCCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R3N.2C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCUGUUUUUUCGGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R8N.1B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGUGUUUUUUCGCAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R8N.1A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUUGUUUUUUCGAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1C1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUCGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUAAGUUUUUUCUUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R9N.2A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUGGUUUUUUCCAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUAGUUUUUUCGGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R1N.3D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUAGUUUUUUCUGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.4A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGAGUUUUUUCUUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R2N.4C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCCGUUUUUUCAGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.3A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACCGUUUUUUCCGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.3A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUCGUUUUUUCCAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.3C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUCGUUUUUUCGUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R10N.2B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUCGUUUUUUCUAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGUCGUUUUUUCGGCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGCCGUUUUUUCGGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R4N.1C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUCGUUUUUUCGAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.1D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGCGUUUUUUCUCAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R4N.2D1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAGGUUUUUUCAUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAAGGUUUUUUCCUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1D1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCCUCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCCUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUGGUUUUUUCCCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.3D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUGGUUUUUUCCACUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R5N.2D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCGGUUUUUUCCUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R4N.2A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGGGUUUUUUCCUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R2N.2D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCCUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.3D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACGGUUUUUUCGUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCGGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.4C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCGGUUUUUUCGUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCUCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4D1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAGGUUUUUUCUGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAAUGUUUUUUCAUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R9N.2A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUUGUUUUUUCAAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCUGUUUUUUCAGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2C1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGCGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R4N.2B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCAGUUUUUUCGUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R7N.1A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGCGUUUUUUCGUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUCGUUUUUUCGAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
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| R1N.4A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAUGUUUUUUCAGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.3C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCUGUUUUUUCAAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUACGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCCGUUUUUUCGAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCGGUUUUUUCCUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R4N.1D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCCAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUAGUUUUUUCUGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUCGGUUUUUUCCAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCCCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUGGUUUUUUCCUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCCUCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGUGGUUUUUUCUAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.1A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCGGUUUUUUCAAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAAGGUUUUUUCGCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.3A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCUCGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R6N.2C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUUGUUUUUUCAAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.1C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGAGUUUUUUCGAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.2B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGGGUUUUUUCGCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.5A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUUGUUUUUUCUGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAUGUUUUUUCUCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.4C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCCGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGCGUUUUUUCGGCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.3B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACUGUUUUUUCAGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R2N.4B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAUGUUUUUUCGCGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2D3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUGGUUUUUUCGCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R7N.2D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUCGUUUUUUCGGAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.2B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUUGUUUUUUCGAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.4C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGCGUUUUUUCGACUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3B4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACCGUUUUUUCUCCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGAGUUUUUUCGAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.5A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAGGGUUUUUUCCACUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.2A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGAGUUUUUUCGUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.2C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCUGUUUUUUCGUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.3A4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUUCGUUUUUUCGUCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.2B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAUGUUUUUUCGGGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R5N.2D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUAGUUUUUUCUACUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGUGUUUUUUCAUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2C2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGGCGUUUUUUCUCGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R4N.1A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUAGUUUUUUCUAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGAGUUUUUUCGUCUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.3A2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACAGUUUUUUCGUUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGGGUUUUUUCAUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGCGUUUUUUCCUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3D2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUAGUUUUUUCCAUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2B2 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAGGAGUUUUUUCUCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R3N.1D4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAAGGUUUUUUCCAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACGUGUUUUUUCUAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUAAGUUUUUUCUCUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1C4 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAACCGUUUUUUCUUAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.2C1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACUCGUUUUUUCCUGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.3C3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAAUUGUUUUUUCGGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1A3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACCUGUUUUUUCUAGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1B3 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUGAGUUUUUUCAAAUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1B1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAACAAGUUUUUUCUCGUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |
| R1N.1A1 | AUGCAUAAGGCUCGUAUAAUAUAUUCCACUUGUAUAACCUCAAUAAUAUGGUUUGAGGGUGUCUACCAGGAACCGUAAAAUCCUGAUUACAAUAGGUUUUUUCCGUUUGUAAUCAGGAUUUUUUUUAUUUACUAGUACAUUUAAGUAAAGGAGUUUGUUAUGACCAUGAUUACGCCAAGCUU |