OS1  1 ATGattaagcatgtatttttatttttttatctatattttcgaaagcagtttttagtgcagagctcagq
4422  1 ................................................................................
OS1  81aacaccagatgaataagacgtgcgggagccttttaaccagagggcagcagagcttttagttagcgcagaaactcaatta
4422  81 ..................................................................................
OS1  161acaccaaatcgagtatgcgctcgagaaacgttaaaggggaacactagatatctatcaactaca
4422  161 ..........................................................................................
OS1  241acctttgagacagctatattatcgggcagaataatatggctgcttagatatatgtagatgtagctgcacaggcg
4422  241 gc...........................a.g.......................................c........
OS1  321accgatattttttatatgttgtgtgcggtccatatttcaggtcagtttatgagctcgtgttttt
4422  321 ...................................................................................
OS1  401 gatctcccttatcaacattttaatagtctgtatatagctaatttttttgcagtagaagaggggaatcgcagccagccagt
4422  401 .....................................................................................
OS1  481tagagagagatttttttctagtttcagttctcattacatcgagtttttacatcactgcgacagttttt
4422  481 ...................................................................................
OS1  561 tgcctgcatggcgagacgcctgcagctgagctctggggaagcagcgacggagattacatggttagaatagatg
4422  561 ..................................................................................
OS1  641 cctgccgatcatcattattataaaaaatatttagctcgtcttttttgcagttatgattcagttt
4422  641 ..................................................................................
OS1  721 atgctattttttatattgattatatagcataacatgtagttttagtattttttttcagttttttt
4422  721 ..................................................................................
OS1  801 ttattgctcaattagatggagcatgatccttataaacaactaattaatagtgtgagattcatagatctcgtgcagttttt
4422  801 ..................................................................................
OS1  881 gccaaggttgccaagctgtagttgcagttctcattctacatcgagttttagtattttttcag
4422  881 ..................................................................................
OS1  961 ctccagcgagaaaaactggtttatatcagggggccagttacccctgataccctcataatgtaagagagagtttttt
4422  961 ..................................................................................
OS1 1041 cacagtgcagttcattttaataggtggtggtatgcagttttttgagcgattttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt