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comp55305\_c0\_seq2 *CACCAACTGGCACAACGCACCGGTGTTGAAGATATTTAGTTATTGGTTGA*

comp55305\_c0\_seq1 *AATTCCTGACTGAAAGTCATA*ATGGATGAAGAACCAGAGAGAGCCAAGCG

comp55305\_c0\_seq2 *AATTCCTGACTGAAAGTCATA*ATGGATGAAGAACCAGAGAGAGCCAAGCG

comp55305\_c0\_seq1 CTGGGAAGGGGGCTATGAGAGGACATGGGAAGTGCTAAAGGAGGACGAAT

comp55305\_c0\_seq2 CTGGGAAGGGGGCTATGAGAGGACATGGGAAGTGCTAAAGGAGGACGAAT

comp55305\_c0\_seq1 CCGGCTCACTCAAAGCCACAGTTGAGGAGATCCTGTTCCAGTCCAAAAGG

comp55305\_c0\_seq2 CCGGCTCACTCAAAGCCACAGTTGAGGAGATCCTGTTCCAGTCCAAAAGG

comp55305\_c0\_seq1 AAAAGGGTTGTAGAGAGCCATGGACAAGTGAGGCTGGGGATGATGCGTCA

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comp55305\_c0\_seq1 TCTCTATGTGGTGATTGACTGTTCAAGAAGTATGGAAGACCAAGACTTGA

comp55305\_c0\_seq2 TCTCTATGTGGTGATTGACTGTTCAAGAAGTATGGAAGACCAAGACTTGA

comp55305\_c0\_seq1 AGCCGAACCGCCTCACCTCTACTCTAAAGCTCATGGAAGCTTTTGTTGAG

comp55305\_c0\_seq2 AGCCGAACCGCCTCACCTCTACTCTAAAGCTCATGGAAGCTTTTGTTGAG

comp55305\_c0\_seq1 GAGTATTTTGACCAAAACCCCATTAGTCAGGTGGGAATCATCACTACAAA

comp55305\_c0\_seq2 GAGTATTTTGACCAAAACCCCATTAGTCAGGTGGGAATCATCACTACAAA

comp55305\_c0\_seq1 GAATAAACGAGCTGAGAAACTGACTGACCTGGCAGGGAATCCAAAGAAGC

comp55305\_c0\_seq2 GAATAAACGAGCTGAGAAACTGACTGACCTGGCAGGGAATCCAAAGAAGC

comp55305\_c0\_seq1 ACACTGCTGCTCTCAAGAAAGCAGTGGACAATGTGTGTGTAGGAGAGCCG

comp55305\_c0\_seq2 ACACTGCTGCTCTCAAGAAAGCAGTGGACAATGTGTGTGTAGGAGAGCCG

comp55305\_c0\_seq1 TCCTTGTACAACTCTCTCAGCCTGGCCATACAGACTCTCAAACACATGCC

comp55305\_c0\_seq2 TCCTTGTACAACTCTCTCAGCCTGGCCATACAGACTCTCAAACACATGCC

comp55305\_c0\_seq1 TGGACACACGAGCCGGGAGATCTTGATCATCCTCAGCAGCCTCACCACAT

comp55305\_c0\_seq2 TGGACACACGAGCCGGGAGATCTTGATCATCCTCAGCAGCCTCACCACAT

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comp55305\_c0\_seq2 GTGACCCAGCCAACATCTACGAGCTGATCAAGACCCTGAAGTCTTTGAAG

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comp55305\_c0\_seq2 GTTGACCAGAGAGACAGGCGGCTCGTACCATGTCATCCTTGATGAGAGTC

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comp55305\_c0\_seq2 ACTTCAAAGAGCTGCTGATGCTGCATGTCAAACCTCCACCTGCCAGCTCC

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comp55305\_c0\_seq2 ACTCCCTGCACTGCTGCCCCTGCTGTATTCACAGTCAGAGCGCCCCCTGA

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comp55305\_c0\_seq2 *CAGAGACTGAAACAAACCCTCTGACCATGTACCTGGGTTTCACCCCTACA*

comp55305\_c0\_seq1 *TTCAGCCAATAAGGGCCACTGAACTTGTCACTGTTGTCCACCGCTGACAG*

comp55305\_c0\_seq2 *TTCAGCCAATAAGGGCCACTGAACTTGTCACTGTTGTCCACCGCTGACAG*

comp55305\_c0\_seq1 *GATGGATATGATGTACACAGGCTGTCTATGGACCAAAGGGTCATATTTCA*

comp55305\_c0\_seq2 *GATGGATATGATGTACACAGGCTGTCTATGGACCAAAGGGTCATATTTCA*

comp55305\_c0\_seq1 *AAGGTGTTGATGATTTGTAAGATATTGGATAATTACGGTTGATCCATATC*

comp55305\_c0\_seq2 *AAGGTGTTGATGATTTGTAAGATATTGGATAATTACGGTTGATCCATATC*

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comp55305\_c0\_seq2 *TTTTAATTGTGGAAGCAGCAGCTGTATTCTTGCTAAAGACGGTGCTGAGT*

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comp55305\_c0\_seq1 *GTGTTTGTACTGGTTGAAATTCTTTAAGTAGAATTGTTCTATTGTTAAAA*

comp55305\_c0\_seq2 *GTGTTTGTACTGGTTGAAATTCTTTAAGTAGAATTGTTCTATTGTTAAAA*

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comp55305\_c0\_seq2 *CAGCCTTTACCGAATTGCTCACATTTTATACTGTCAAATCACAAATCTTT*

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comp55305\_c0\_seq2 *GCTATGCCGAATTTAGAATTGGAAGCAGGACTGTATCTACCATTGAGAAC*

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comp55305\_c0\_seq2 *ACTGAGGTTCTGCCTTTGGTGTTTGTTTCTGTGAATTTGCAGGTTTTAGC*

comp55305\_c0\_seq1 *AATTTGGGGTGAGTTAACATTTTACAATTACCTTTGTGGGTATTTTATAT*

comp55305\_c0\_seq2 *AATTTGGGGTGAGTTAACATTTTACAATTACCTTTGTGGGTATTTTATAT*

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comp55305\_c0\_seq2 *TGTAGTGAGAATTGTGAAAAGATGGGAGGCCACTAAAAATCTCCAGTCCT*

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comp55305\_c0\_seq2 *ACTACTGGATCAACATTATCATCATTGAGTCCATCCTCGCATCATCTATC*

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comp55305\_c0\_seq2 *TTAAACTTTTCTAATACTTGTTTATTTCATTATTATTACTACTTGACTCT*

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comp55305\_c0\_seq2 *TGTTCTATTTGTATTATTTTATGTTGCTTGTGGGAGCAAACACCAAGACA*

comp55305\_c0\_seq1 *CATTCTTTGTATGCT-GCATACTTGGCTG****ATAAA****CAGATTCTGATTCTGA*

comp55305\_c0\_seq2 *CCTTCTTTGTATTCTTGCATACTTGGCTA****ATAAA****CAGGTTCTGATCTCAC*

comp55305\_c0\_seq1 *T-GAATA---AGTTAT------GAAGGCAGA-CCTAC--GGCCATTAGTT*

comp55305\_c0\_seq2 *TTGAGTATATAGTTATTCTGCTGAATGAAGAGCTTACTAAAGCACCAGTG*

comp55305\_c0\_seq1 *CCCGCTGTTTCCTCAAATGTAAATTTTGTCAACAACAATGACTAGGCGCA*

comp55305\_c0\_seq2 *AC-GTTGCATGCACAACCCCAGTTCCTTGAAACCAAAGCAGCTAAATGGA*

comp55305\_c0\_seq1 *CCCAAGTTTGCATGCAGTCAAC-ACTTCCCCCTCTACAAAATGCTCCATC*

comp55305\_c0\_seq2 *AAACAGTAATCATCAATTTTATTATTTATACCTGTGCTTTTT--------*

comp55305\_c0\_seq1 *ATAAACAAAGATCAAC*

comp55305\_c0\_seq2 *----------------*

yellow: PUF family