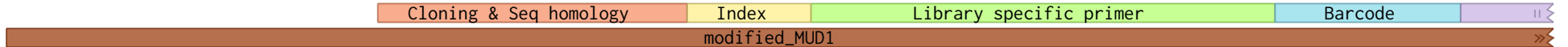


Consensus Alignment: *S. cerevisiae* MUD1, modified MUD1, Untitl...

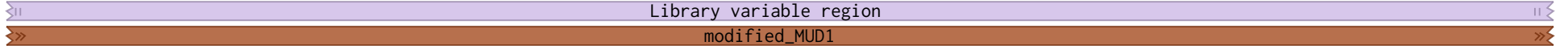

 GAAACAAAAAAAAAAAAAATGGAAGTCAGGGTGTGGTGTAAAGCTGCTATCAACAAAAGACGGCCTCAGGCACTCAAACCTAAAGAAACCATGTCAGCG
 consensus sequence Untitled Consensus

GAAACAAAAAAAAAAAAAATGGA-----AAAGCTGCTATCAACAAAAGACGGCCTCA-----TCAAACCTAAAGAAACCATGTCAGCG
 aligned sequence *S. cerevisiae* MUD1

GAAACAAAAAAAAAAAAAGTGAAGTCAGGGTGTGGTGTAAAGNNNNNNNTACGTTAAACAATACGAGGCACTTACTCCGNNNNNNNNNNNTCAGCA

 aligned sequence modified MUD1

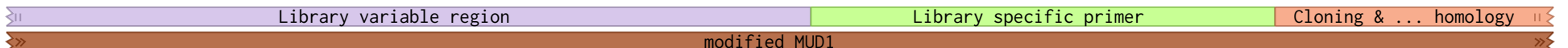

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 consensus sequence Untitled Consensus

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 aligned sequence *S. cerevisiae* MUD1

AAGTCATATACCTTGTAATTTACGTTTCCTTAAATCTTCTTTCTGTAGTTGTTTTTCATTATTCTATACTCTATGACCAATAAAAACGACTGTACTTTCA

 aligned sequence modified MUD1


 AAATTTACCCAGTAGGCCAGCAAATAAAGAAAATTATACCAGATTACTTCTGAAACACATTAATCCCAACAACAAGTATGCCATTAATCCGTCGCTACCC
 consensus sequence Untitled Consensus

AAATTTACCCAGTAGGCCAGCAAATAAAGAAAATTATACCAGATTACTTCTGAAACACATTAATCCCAACAACAAGTATGCCATTAATCCGTCGCTACCC
 aligned sequence *S. cerevisiae* MUD1

AAATTTACCCAGTAGGCCAGCAAATAAAGAAAATTATACCAGATTACTTCTGCCTGGAGTTCGCTATTCCTATTGTAGTTTTTCAATGTGACTGCGTTCC

 aligned sequence modified MUD1



CTTCCCCACAATAAATTACAAATATCATCACAACCGCTGATGTTACTAGATGATCAAATGGGCCTTCTTGAAGTTTCTATTTCAAGATCATCAAAGATGA
consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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modified_MUD1



aligned sequence modified MUD1



CTAACCAAGCATTTTTAACGTTTGTCACTCAAGAAGAAGCAGACCGGTTTCTAGAAAAATACACGACAACAGCATTAAAAGTTCAAGGTCGTAAAGTGAG
consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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modified_MUD1



aligned sequence modified MUD1



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consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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modified_MUD1



aligned sequence modified MUD1



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consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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aligned sequence modified MUD1



GATCAAGAAAGGTAGAGGAGGCTGAGATTGATAGGATTGTAAAAGAATTTGAAACCCGTAGATTGGAAAACATGAAGTCTCAGCAAGAAAATCTAAAACA
consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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aligned sequence modified MUD1



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consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

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aligned sequence modified MUD1



CAATTATTGTCGCAAATACTTGGCAATGAGGCTTTAGTTGAAATCAGATTAGTTAGCGTTCGTAACCTAGCTTTCGTGGAATACGAGACCGTTGCTGATG
consensus sequence Untitled Consensus

CAATTATTGTCGCAAATACTTGGCAATGAGGCTTTAGTTGAAATCAGATTAGTTAGCGTTCGTAACCTAGCTTTCGTGGAATACGAGACCGTTGCTGATG
aligned sequence *S. cerevisiae* MUD1

CAATTATCCTCGCAAATACTTGGCAAGGAGGTTTLAGTTGAAATCAGTTTAGTTAGCGTTCGTTACCTAGCTTTCGTGGAATACGAGACCGTTGCTGTTG
aligned sequence modified MUD1



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consensus sequence Untitled Consensus

CTACGAAAATCAAGAATCAGTTAGGCTCCACTTACAAGCTACAAAACAATGACGTTACCATAGGATTTGCTAAGTAGAATTTCTTTGCGGAAGTATACC
aligned sequence *S. cerevisiae* MUD1

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aligned sequence modified MUD1



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consensus sequence Untitled Consensus

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aligned sequence *S. cerevisiae* MUD1

TCGAGTAAAGAAATTCACAGATAAATTTGAATAACGTTCTCATTATTAATAAATATTATTTACAAGCTTAGAAAATAAGGTGCTCTTTATTTACD
aligned sequence modified MUD1