

>Sequence1 35 My 16

GTTCTCTTCTGCACTGCCCAATACGGTAGCCGCTAACCACATGTGGCTGAGTTTTAATTCAGTTTTAAG  
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ACTTGTCTTTTGTCTCCAACCCCAGGAGCAGCTGAACAAGCTGATGACCACCCTCCATAGCCGCACCC  
CATTTTGTCCGCTGTATTATCCCCAATGAGTTTAAGCAATCGGGTATGTTGTGGGGTCACGGCTCCCTG  
CTGGAAGTCCTGAGGTTCTGTG

>Sequence2 37 My 16

GTTCTCTTCTGCACTGCCCAATACGGTAGCCGCTAACCACATGTGGCTGAGTTTTAATTCAGTTTTAAG  
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ACTTGTCTTTTGTCTCCAACCCCAGGAGCAGCTGAACAAGCTGATGACCACCCTCCATAGCCGCACCC  
CATTTTGTCCGCTGTATTATCCCCAATGAGTTTAAGCAATCGGGTATGTTGTGGGGTCACGGCTCCCTG  
CTGGAAGTCCTGAGGTTCTGTG

>Sequence3 26 TAP1

GAGGCTCCCGAGTTTGTGCCACAGGGCTGCTGCGGGCAGTGCCGCTGCATAACTGACAACGAAGGCG  
GTAGGGTGACTTCCCAGTGCAAGTAGCCTGGTGCTATCCGCGACCCGGGGCTCCCATGAGATCAG  
CTCTCGGAACAAGGCAAGTCCCAGGAGGGCCAAGCCCAGTGCCGCAGCTAATGGCTTCAAAGCAGCC  
AGCCAGCCCTGGGCACCTGCGTTTTTCGCTCTTGGAGCCAACCGTTGCCCTGAGGACCCCGCAGGCCCC  
CAGCCAGAGCACGGCCAGCGGCTCAGGCCACCGCCAGACCCGGAGCAGTGGCAGCGCGGTGGGC  
ACCAGCAGGGAGAATATGCGGGGCAGCGCGGTCCGGAGCAGCACCCAGTCGGCGAGAAGTAGCAGTA  
CTGTCCCCAGCCATGCGAGAGAAGCTCCGGGGAGGCAGCGGCACCCGCGGGGAGCGGGACACCTAGA  
GCTAGCCATTG

>Sequence4 35 TAP1

GAGGCTCCCGAGTTTGTGCCACAGGGCTGCTGCGGGCAGTGCCGCTGCATAACTGACAACGAAGGCGT  
AGGGTGACTTCCCAGTGCAAGTAGCCTGGTGCTATCCGCGACCCGGGGCTCCCATGAGATCAGCT  
CTCGGAACAAGGCAAGTCCCAGGAGGGCCAAGCCCAGTGCCGCAGCTAATGGCTTCAAAGCAGCCAG  
CCAGCCCTGGGCACCTGCGTTTTTCGCTCTTGGAGCCAACCGTTGCCCTGAGGACCCCGCAGGCCCCA  
GCCAGAGCACGGCCAGCGGCTCAGGCCACCGCCAGACCCGGAGCAGTGGCAGCGCGGTGGGCAC  
CAGCAGGGAGAATATGCGGGGCAGCGCGGTCCGGAGCAGCACCCAGTCGGCGAGAAGTAGCAGTACT  
GTCCCCAGCCATGCGAGAGAAGCTCCGGGGAGGCAGCGGCACCCGCGGGGAGCGGGACACCTAGAGC  
TAGCCATTG

>Sequence5 10 TAP1

CCCTGGGTGGCGCAGTGGTTTGGCGCCTGCCTTTGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGA  
ATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCCTCTCTCTCT  
CTCTGTGTGTGACTATCATAAAATAAATTAANAAAAAATATTTTAAAAAATTGTGTGCAAATTTGTG  
TGTGCGTATATCCCTTTTCCCTTGAAGAGTGGAGCACAACTCGGGAGCC

>Sequence6 33 TAP1

AGAGGCTCCCGAGTTTGTGCCTCCGTCTTCGCTGCATCGCAGCATTACAACAAGGCTCGTTGCTGCATG  
GCAGTCTTGTTATCGCGCATGCGTGCGGCCGAAGAGAAGCGCGAGCATTCCGCCAGGTAAGGAGG  
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>Sequence7 43 TAP1

TCTCGGCCATGCAGGTGGANGATTGGATATTTGCTGGACGATGCGGCGAAGAGCGGACGGGTGGATG  
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AAGCTGCGAGGCAGGGAGACTTCGCGATGGCGCGCGCATTTCAGGAACGACAACCAGGCTGGGCCGA  
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>Sequence8 44 TAP1

TCCGGGCGAAGCAATTGGTGCCGACGCGGTAGGTTTCGAGCCTTAAGCGCAACACCAGGATCGCCGCC  
GGTCTTGCTCAACGCGCGTTCGTCAAGTTATTGGGCGTTTCTTCGCATCGTCGCCTTTGTTTTATATTT  
CAAATCAAATCGTCGTCATCCAAAAGGGATGAAATCGCCCTTCAGTACCTGGGCGAATGCTCACGCT  
TCTCTTCGGCCGCACGCATGCGCGATGAACAAGACTGCCATGCAGCAACGAGCCTTGTTGTCATGCTG  
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>Sequence9 39b TAP1

GACCCGGGGGCTCCCCATGAGATCAGCTCTCGGAACAAGGCAAGTCCCGGCAGGGCCAAGCCCAGTG  
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GTTGCCCTGAGGACCCCGCAGGCCCCAGCCAGAGCACGGCCAGCGGCTCAGGCCACCGCCAGCA  
CCCGGAGCAGTGGCAGCGCGGTGGGCACCAGCAGGGAGAATATGCGGGGCAGCGCGGTCCGGAGCA  
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>Sequence10 26 AmelX

TACCACGTATTGCATCTGAATGACACTCAGATAGATGCCGGGCTACTTGTAAGATCGTGGAAGGCCGC  
ANTATTGACAAATAGACTGATCAAAGCAGTGCTCAACGAGACCGAGAATCAGGAATACTCCAACAAA  
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>Sequence12 35 AmelX

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TTTTTTTAAAGTAGCTTCAGTCTCCTTTAATGTGAACAATTGCATACTGACTTAATCTCTTCTCTCTCT  
TCTCTTCTTCACTCTCTCCCTTCTCTCTTTCTATTCTCTCCCTCCTCCCTGTAAAAGCTACCACC  
TCATCCTGGGCACCCTGGTTATATCAACTTCAGCTATGAGGTAATTTTTCTCTTTACTAATTTTGACCAT  
TGTTTGCCTAACAATGCCCTGGGCTCTGTAAAGAATAGTGTGTTGATTCTTTATCCAGATGTTTCTC  
AAGTGGTCTGATTTTACAGTTCCTACCACCAGCTTCCCAGTTAAGCTCTGATGGTTGGCCTCAAGCC  
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>Sequence13 35 AmelY

GACCTCTTTAAAATAAGAAGTCTCCTCCTACATAGCACACTTGTTTTAACGAAAAACAGACCTCAA  
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ACTTAATCTCTTACTCTCTCTCCCTTCCCTTCACACTCTCCCTTCCCTCTCTCTTTCTCTTCTCCTCCCCTCC  
TCCCTATAAAAGCTACCACCTCATCCTGGGCACCCTGGTTATATCAACTTCAGCTATGAGGTAATTTTT  
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TCTTCATCCCAAATAAAGTGGTTTCTCAAGTGGTCCCAATTTTACAGTTCCTACCATCAGCTTCCCAGTT  
TAAGCTCTGATGGTTGGCCTCAAGCCTGTGTTGCTCCAGCACCTTCTGCCTGACCATTCCGGATTGACT  
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ACTGTAAT

>Sequence14 43 Amel

TTGCATATTGACTTAATCTCTTACCTCCTTTCCGCCACTCCTCTTCATTCAAGAAATGTCTCTCAACGGC  
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GAACAGCTCATCAATATCCTCTGGTTTACAAACACCTTCTTGAATTCATCAAGCATTCCGCGTTTAAAT  
CGAAGCCCAAATTCGCGGAAGTATCAATCCTTCAGACTCATGTCGTGCGATTTTGGGACGGAGGTTGA  
CTTCTTCCATCTGTGCCGTGAGGAAAGGGAAGAGCGAGGCAGCCGTATAGCCACAGCCCATCAACTCG  
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ACCAGCTTGGTTCTAGTCTTGTCTCC

>Sequence15 44 Amel

TACTCTCCAATGCTCTGCCCTTCAAGGGGCTTTCCCTCGATCTTTATCGTCTCATATGTCTGTGCGAAGTAC  
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GTCCTCCCCTATCGTTCCTGTACCGAGTTGATAGCATTATATGCAACCCGGTTGTATCCGCGCATTTCG  
CACGTGCGATTGACGCCGAGAAATTTCTATGGTGCCTCTTCCGCTCGGTTCTCCTCCTTACCAAACGAC  
CTTCTTTAAGTTTTCTAAACGTATTGAATGGAGTTCAACTCGGCTAACCAGTTGAACACACCTTCAACC  
AATTCAAAGATCATACTCCCGACGCTGACAACTGCGATTTCTTCTG

>Sequence16 43 Amel

TACTCTCCAATGCTCTGCCCTTCAAGGGGCTTTCCCTCGATCTTTATCGTCTCATATGTCTGTGCGAAGTAC  
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GTCCTCCCCTATCGTTCCTGTACCGAGTTGATAGCATTATATGCAACCCGGTTGTATCCGCGCATTTCG  
CACGTGCGATTGACGCCGAGAAATTTCTATGGTGCCTCTTCCGCTCGGTTCTCCTCCTTACCAAACGAC  
CTTCTTTAAGTTTTCTAAACGTATTGAATGGAGTTCAACTCGGCTAACCAGTTGAACACACCTTCAACC  
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>Sequence17 44 Amel

TTGCATATTGACTTAATCTCTTACCTCCTTTCCGCCACTCCTCTTCATTCAAGAAATGTCTCTCAACGGC  
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GAACAGCTCATCAATATCCTCTGGTTTACAAACACCTTCTTGCAATCCATCAAGCATTTCGCGTTTAAT  
CGAAGCCCAAATTCGCGGAAGTATCAATCCTTCAGACTCATGTTCGTGCGATTTTGGGACGGAGGTTGA  
CTTCTTCCATCTGTGCCGTGAGGAAAGGGAAGAGCGAGGCAGCCGTATAGCCACAGCCCATCAACTCG  
ACGCAGCGACTCTTTGGCGGGACATAATACAGCGTATTCAAACCCCTCTCCCTCTTACCCACCTCACTG  
ACCAGCTTGGTTCTA