

# Ey1

ATGCCACACAAAG

MPHK

ATTTTGACCCGTCGTCCTCCGGCCCACTTCGCCAGTCGTCTGTCTCAGATCCAG

(D)FDPCRPGPLRQSSVSDP

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CAGGATTCTTCAGGTGTCTAACGGTTGCGTCTCCAAGATCCTCGGCCGATACTACGAGACCGGGTCCATT

CGGCCCCGGGCCATCGGGGGAAGTAAACCCCGTGTGGCAACCCCGCCCGTTGTGAACAAAATCGCCCACT

ACAAACGAGAGTGTCTTCTATCTTTGCTTGGGAGATTCTGGGACAGGCTATTATCTGAAGGGATATGTAA

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(G)HSGINQLGGIYVNGRPLPDSTRQKIVELAHSGARPCDISRILQVSNGCVSKILGRYYETGSIRPRAIGGSKPRVATP  
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CTCCAGTGAAGTGTCCAGTCTCCCTACCGAAAATGGACAAATTTCAGAAAAAAG

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CGGTTAAAAAGAAAACCTGCAGAGAAATCGAACATCCTTCACACCAGAGCAGATTGAAGCTTTAGAAAAAG

(E)GDSGTESSSRSDPGGSSDEDNAARLRLKRLQRNRTSFTPEQIEALEK

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ATACAG

(E)FERTHYPDVFARERLAAKIDLPEARIQ

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CCCTGTACCCGAGTATCGGACAGCCAATGGCTAGTATGACAGACACTTACAG

AVSVQVWFSNRRRAKWRREEKLRNQRRAAEQAAVAVNTPARLPLNAGFPNALYPSIQPMSMTDTY

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TACGG

(S)SIPPMSTYSMSNNMGPSCLQQQAPSYSCLPPGSARSYDPLSLGYSRSCPTAQPYVMQPVNGQFHTVNNGSAGST

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(G)LISPGLSVPVQVPAQTGELNMSSAYWPRIQ

# Ey2

ATGCCACACAAAG

MPHK

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DFDPCR...DPG

GACACAGTGGTATA

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HSGIN...NVPS

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VSSIN...SGQVQKK

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EGGS...QIEALEK

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EFERTHYPDV...PEARIQ

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ALSVQVWF...SMTDSY

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SSIPPMSTY...GSAGST

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TGGCCAAGGATCCAG

GLISP...YWPRIQ

## Ey3

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MLLFPPGHSGIN...VPS

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VSSIN...GPIQKK

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EGDSGTE...QIEALEK

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EFERTHY...PEARIQ

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VWFSN...SMTDSY

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TACAG

SSIPPMSTY...GTGST

GTTTGATATCACCGGGACTATCTGTCCAGTTCAAGTGCCAGGACAACCAGCAGATTTGAATATGACTTCAGCCTAC  
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GLISP...SAYWPRIQ

# Toy1

ATGCCTCATAAAG

MPHK

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GHSGVN...CNSENVPS

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VSSIN...PRVKK

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DSIDAT...QIEALEK

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ATTACG

EFERTHY...PEARIQ

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VWFSNR...MAGMGDSY

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CATGTTTCACGATCTGGGATCTTACTCACGATCATCTTGTACACCCAGTCAGTCAATTAACGGACACCCG  
TCTTACTCTGTTAATGGAGGAAGTACGCACGGTGCAG

VPPPSSIAP...GGSTHGA

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GVISPGV...WHRIQ

## Toy2

ATGCCCCATAAAG

MPHK

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CGGCTGTAGTCAATAGGATAGCCGACTACAAAAGGGAGTGTCTTCCATCTTTGCCTGGGAAATGCGAGACCGACTT  
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GHSGVN...CNSENIPS

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VSSIN...MHVTKK

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GSIDATSDGNSENN...SFTNEQIEALEK

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ATTGAG

EFERTHYPDV...PEARIQ

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AGCTTGACGTCTATGCTATCGCCACCTAACGGACGACTACCAATAAATGGATCCTTCTATAATTCCATGTATCCTG  
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VWFSNRRA...MGMGDSY

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ATGATCCGATCACTCTAGGATCGTACTCTCGACCTTCTTGTACACCAAGTCAGCCAATTAATGGACACCCATCTTAT  
TCTGTTAGCACGAGCAGTCCACACGGAGCAG

SVPPVSSMAS...SVSTSSPHGA

GGGTAATTTCTCCAGGCGTAACAGTTTCTTCTCAGGTTCCAAGCCAAGGTCCGGATCTTTCAATGACTACAAATTAC  
TGGCATCGCATACAG

GVISPGV...WHRIQ