wlan243-054:FASTA-project virginiapierson$ ./fasta -s1 cagagttggc -s2 gagta -n 2

Input Values:

number: 2

result\_count: 5

string1: cagagttggc

string2: gagta

wonklessness: 0.15

Processed args: cagagttggc gagta 2

VALUE MATRIX:

| | |+2 | | | | | | |

| |+0 | |+2 | | | | | |

| | | | |+2 | | | | |

| | | | | | | | | |

MATCHED STRINGS MATRIX:

c a g a g t t g g c

g | | |g| | | | | | | |

a | |a| |a| | | | | | |

g | | |g| |g| | | | | |

t | | | | | |t| | | | |

a | | | | | | | | | | |

MATCH SUMMARY:

2 (2,0) ga

0 (1,1) ag

2 (3,1) ag

2 (4,2) gt

ALL VALID COMBINATIONS:

-------------------------

COMBO 0 with SCORE 2.6

2 (2,0)

0 (1,1)

2 (4,2)

COMBO 1 with SCORE 1.7

2 (2,0)

0 (1,1)

COMBO 2 with SCORE 3

2 (2,0)

2 (3,1)

2 (4,2)

COMBO 3 with SCORE 2

2 (2,0)

2 (3,1)

COMBO 4 with SCORE 2

2 (2,0)

2 (4,2)

COMBO 5 with SCORE 1

2 (2,0)

COMBO 6 with SCORE 1.7

0 (1,1)

2 (4,2)

COMBO 7 with SCORE 1

0 (1,1)

COMBO 8 with SCORE 2

2 (3,1)

2 (4,2)

COMBO 9 with SCORE 1

2 (3,1)

COMBO 10 with SCORE 1

2 (4,2)

TOP 5 ALIGNMENTS:

-------------------

COMBO 1 with score of 2.6:

2 (2,0) ga

0 (1,1) ag

2 (4,2) gt

COMBO 2 with score of 1.7:

2 (2,0) ga

0 (1,1) ag

COMBO 3 with score of 3:

2 (2,0) ga

2 (3,1) ag

2 (4,2) gt

COMBO 4 with score of 2:

2 (2,0) ga

2 (3,1) ag

COMBO 5 with score of 2:

2 (2,0) ga

2 (4,2) gt