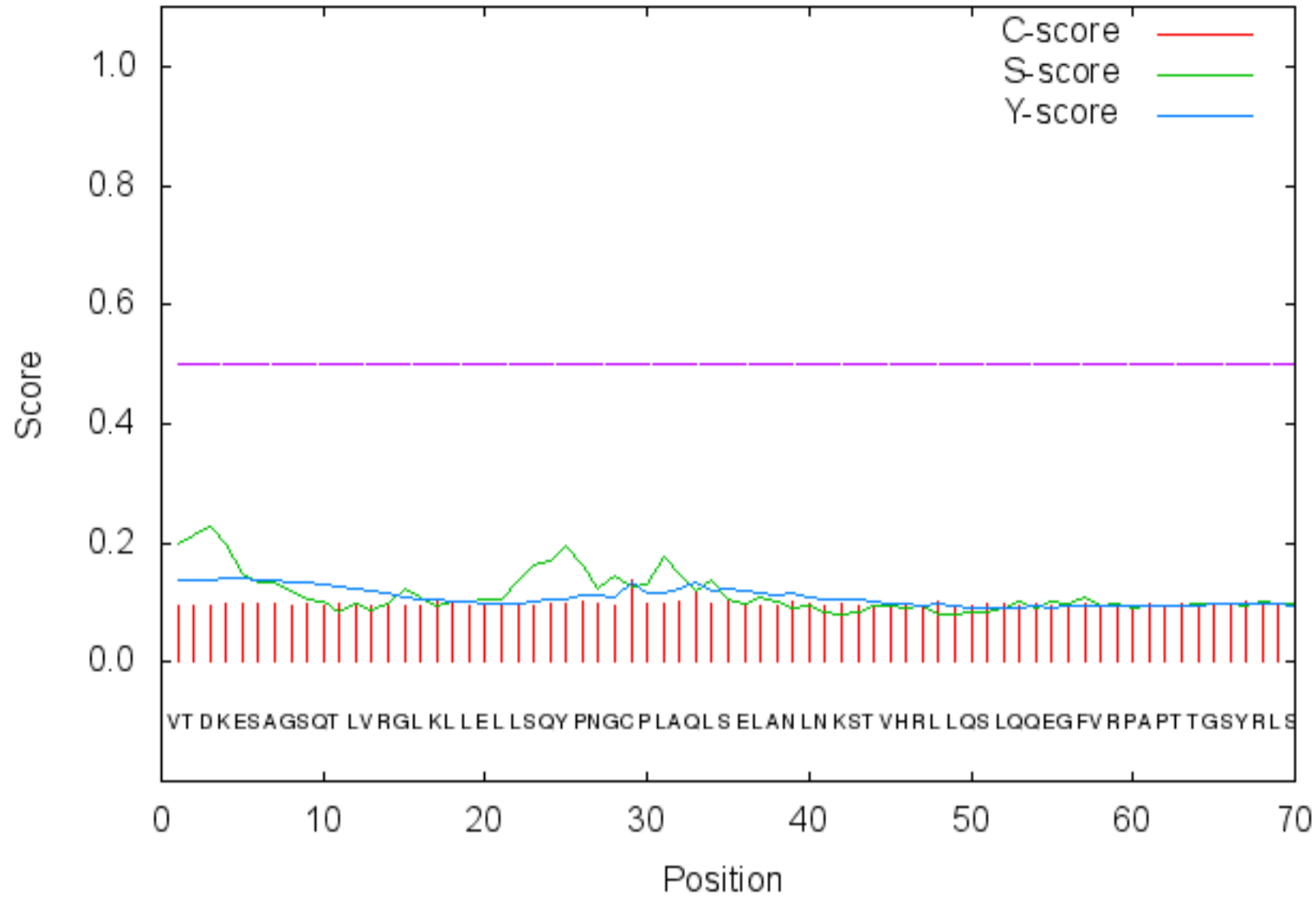


```
# SignalP-4.1 gram- predictions
>AP15_new2331_APP8_00109_1331
```

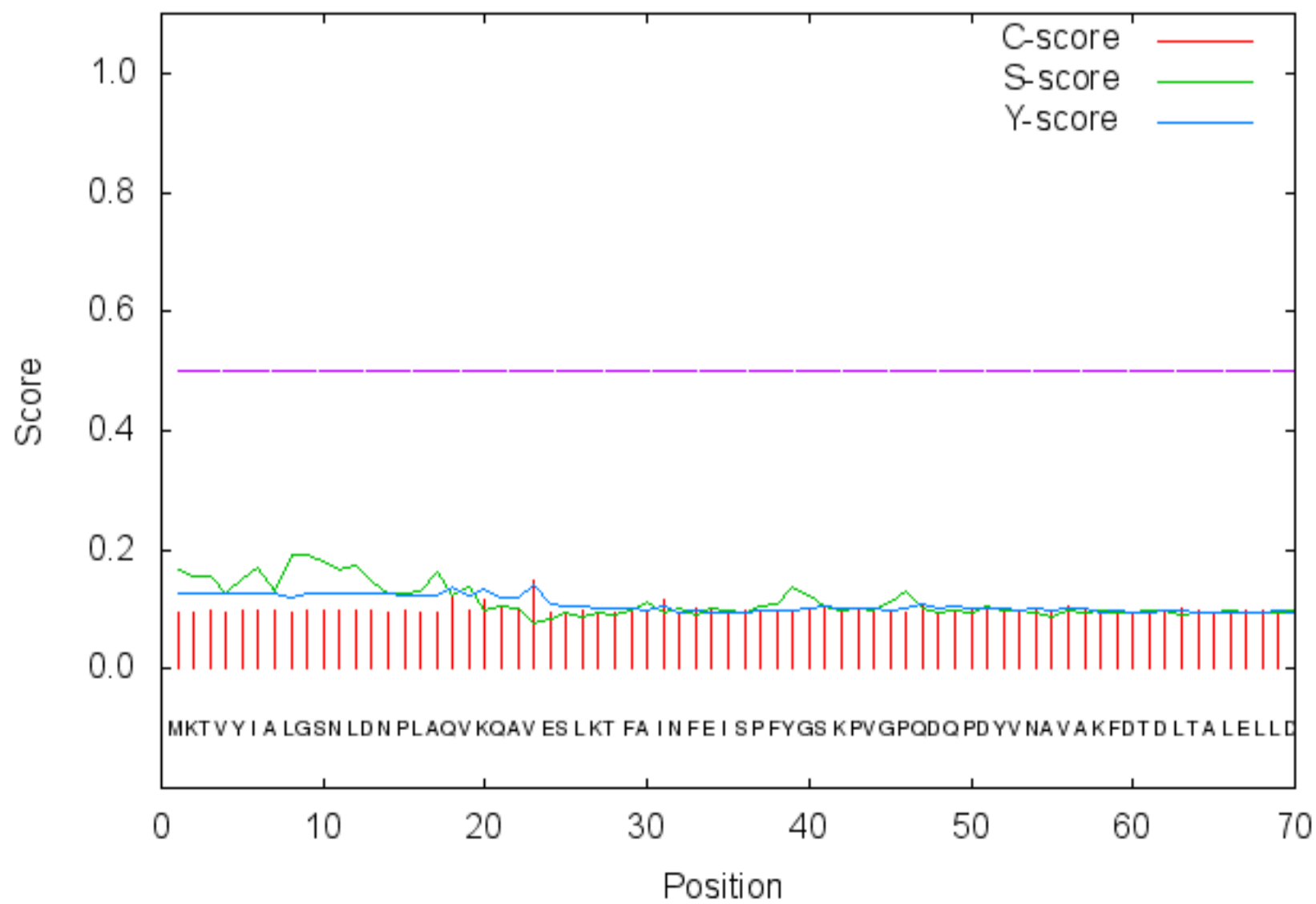
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00109\_1331



```
# Measure Position Value Cutoff signal peptide?
max. C 29 0.136
max. Y 29 0.135
max. S 3 0.226
mean S 1-28 0.135
D 1-28 0.135 0.570 NO
Name=AP15_new2331_APP8_00109_1331 SP='NO' D=0.135 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

```
>AP15_new2331_APP8_00178_1270
```

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00178\_1270

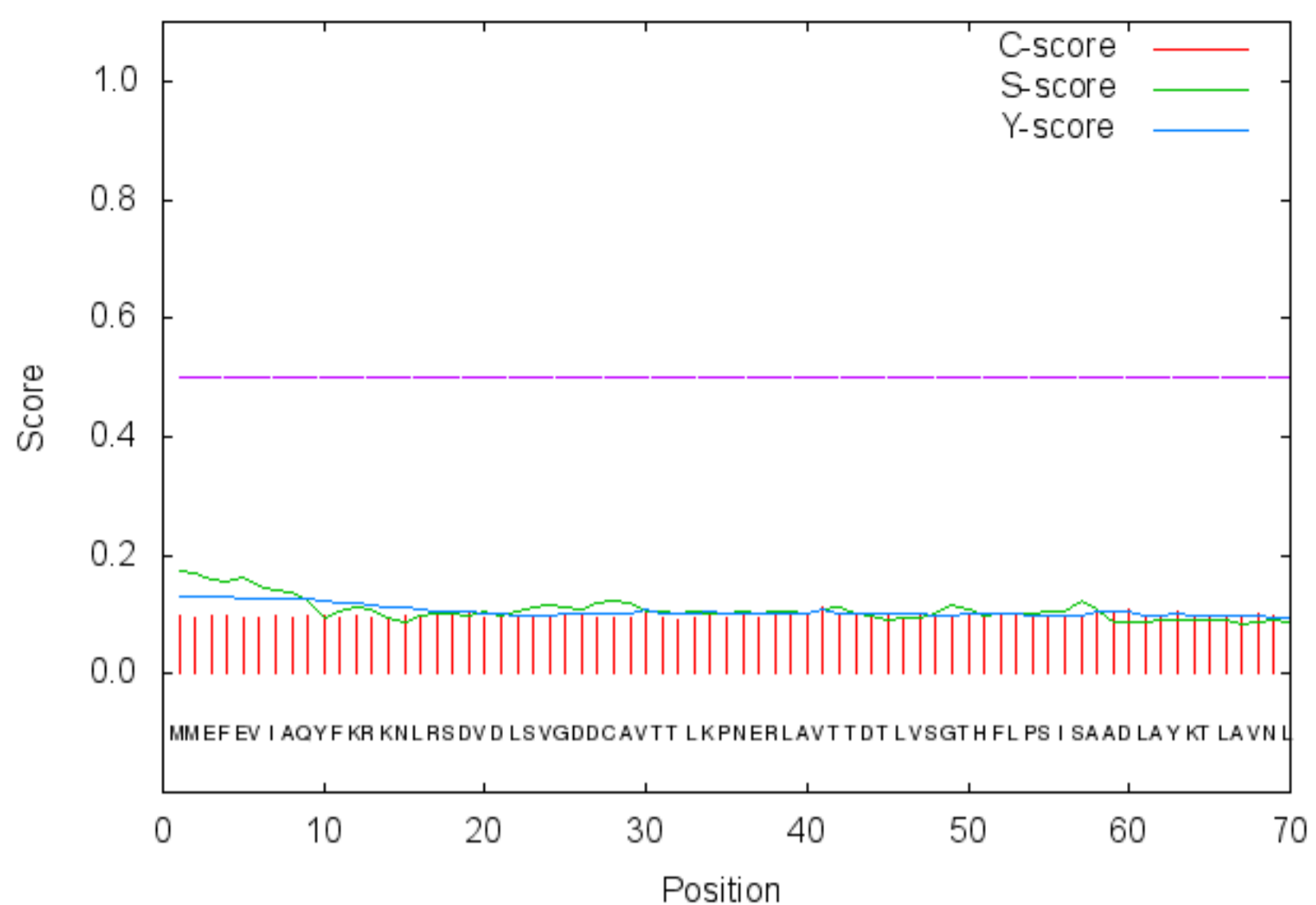


```
# Measure Position Value Cutoff signal peptide?
max. C 23 0.150
max. Y 23 0.141
max. S 8 0.193
mean S 1-22 0.146
D 1-22 0.143 0.570 NO
Name=AP15_new2331_APP8_00178_1270 SP='NO' D=0.143 D-cutoff=0.570 Networks=SignalP-noTM
# data
```

# [gnuplot script](#)

>AP15\_new2331\_APP8\_00203\_1246

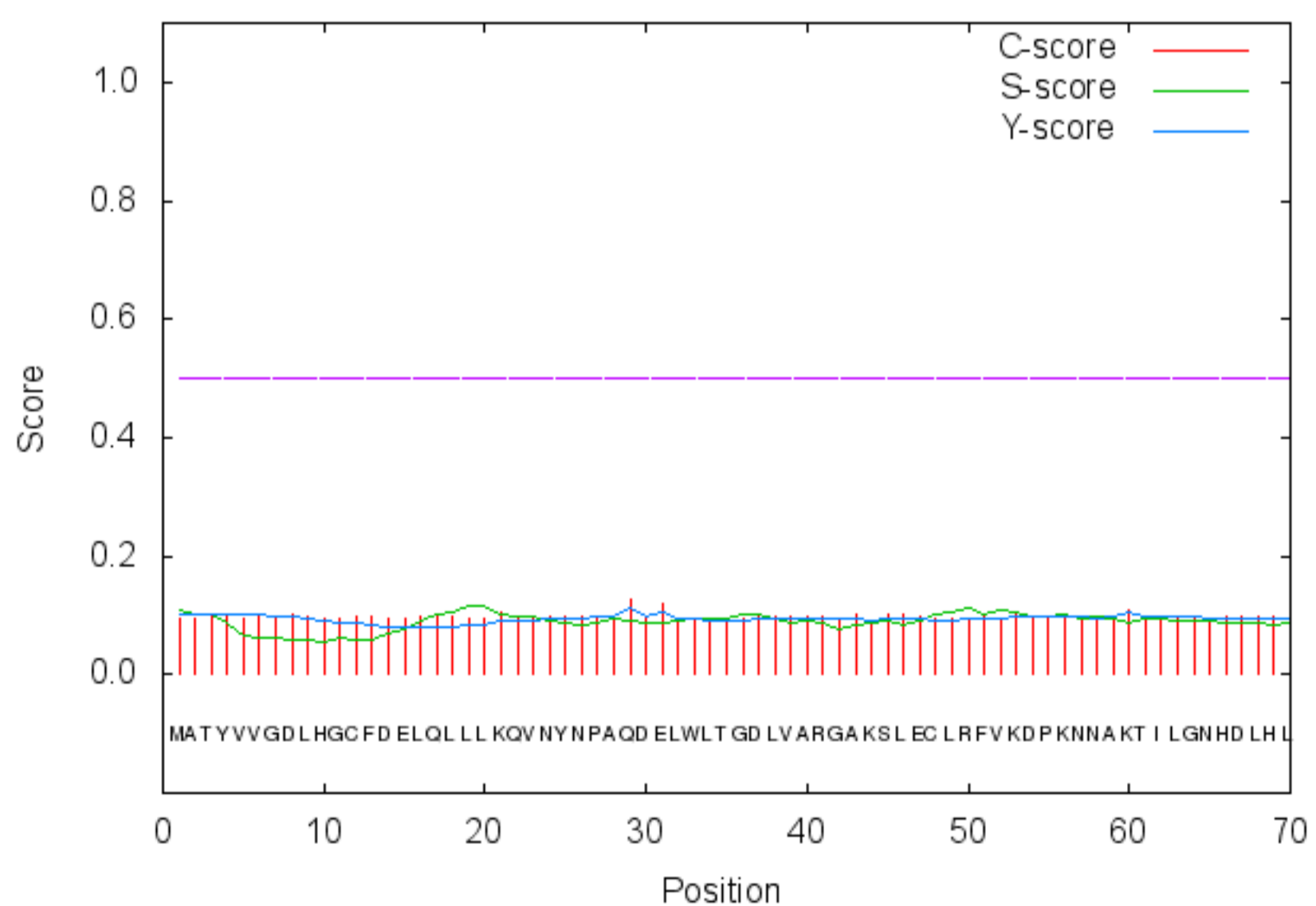
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00203\_1246



```
# Measure Position Value Cutoff signal peptide?
max. C 41 0.111
max. Y 11 0.119
max. S 1 0.174
mean S 1-10 0.146
D 1-10 0.132 0.570 NO
Name=AP15_new2331_APP8_00203_1246 SP='NO' D=0.132 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_00762\_924

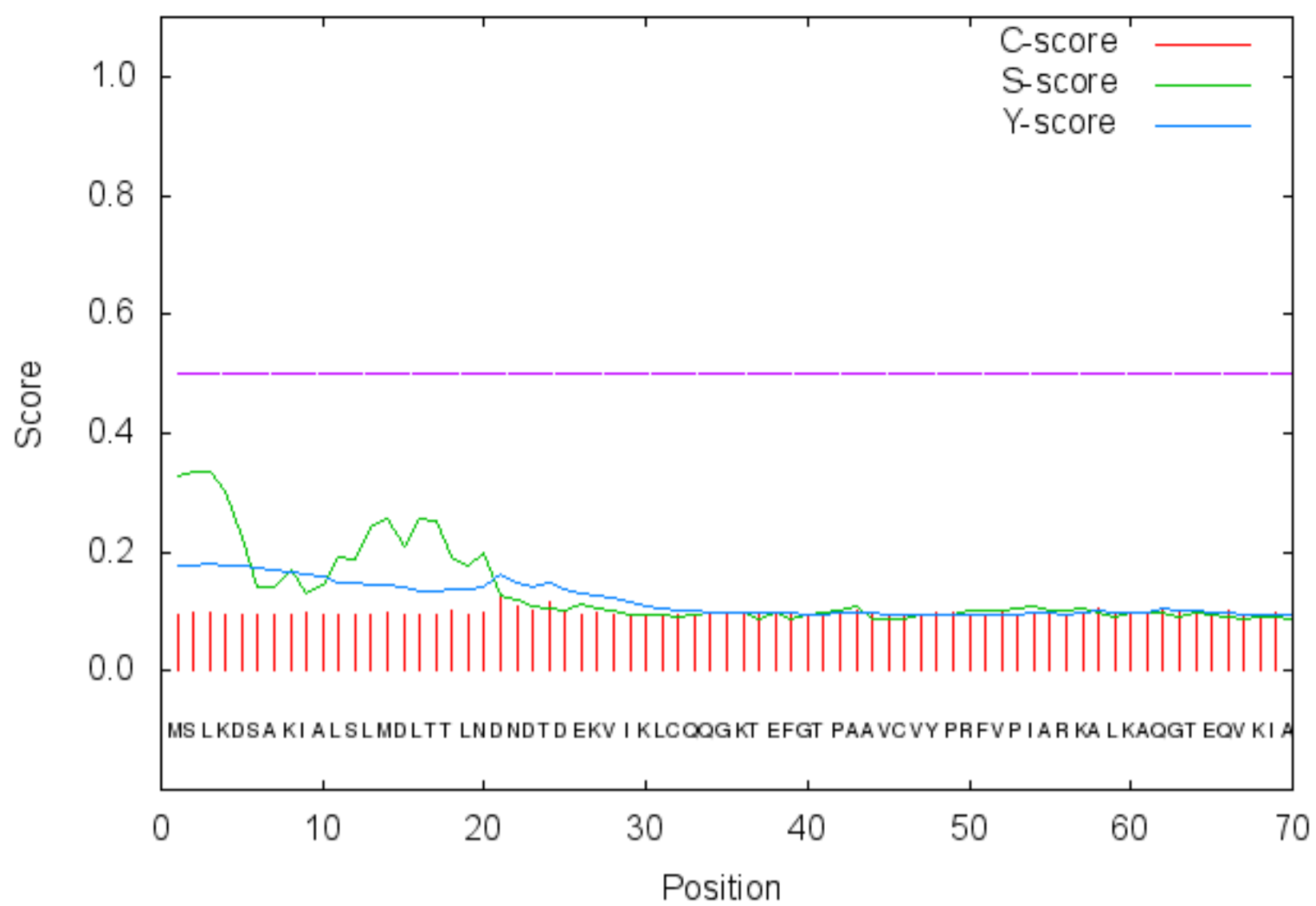
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00762\_924



```
# Measure Position Value Cutoff signal peptide?
max. C 29 0.126
max. Y 29 0.111
max. S 20 0.116
mean S 1-28 0.084
D 1-28 0.098 0.570 NO
Name=AP15_new2331_APP8_00762_924 SP='NO' D=0.098 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01035\_763

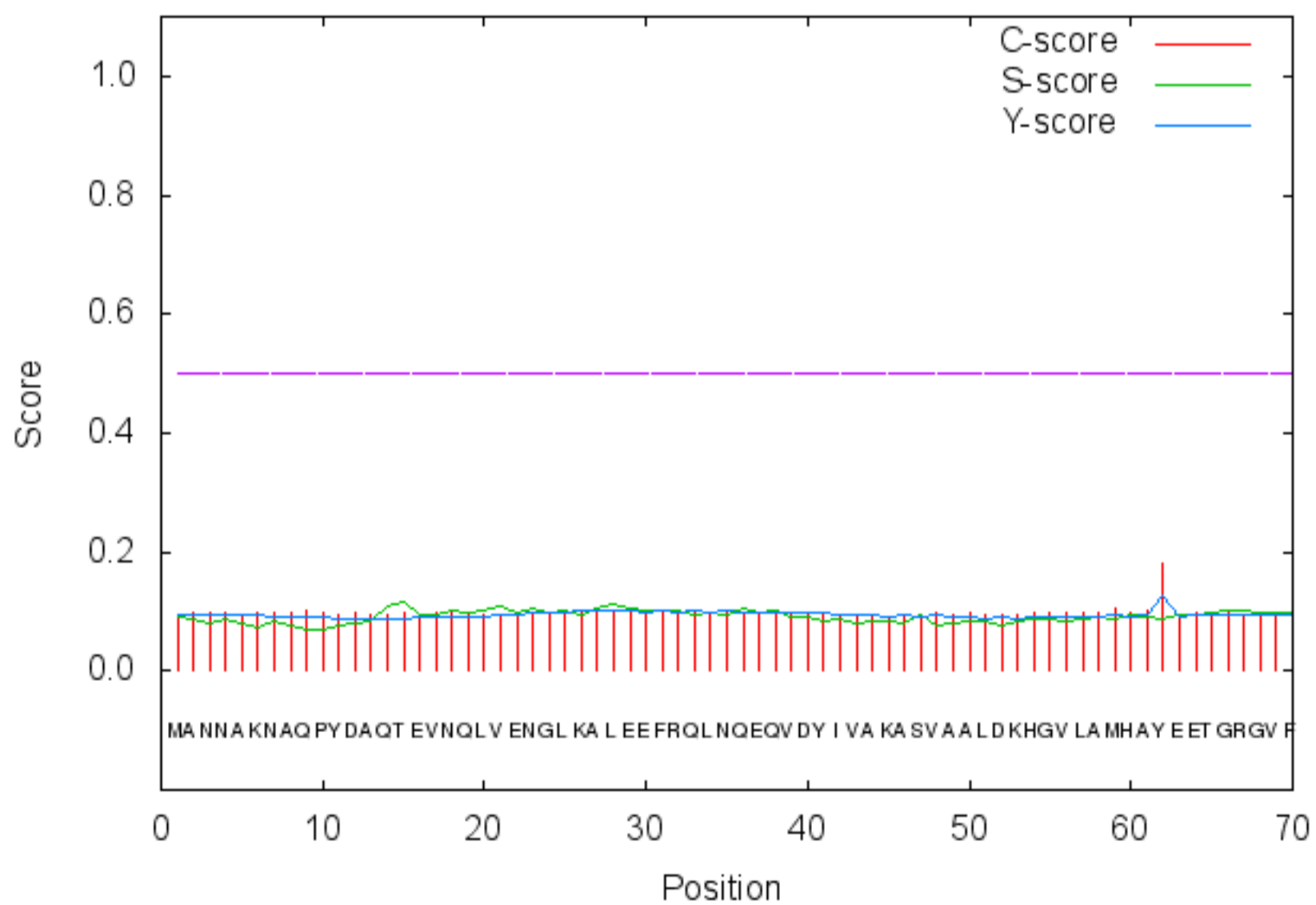
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01035\_763



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     21      0.129
max. Y     21      0.162
max. S      3      0.336
mean S     1-20    0.220
D          1-20    0.189  0.570  NO
Name=AP15_new2331_APP8_01035_763      SP='NO' D=0.189 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01031\_759

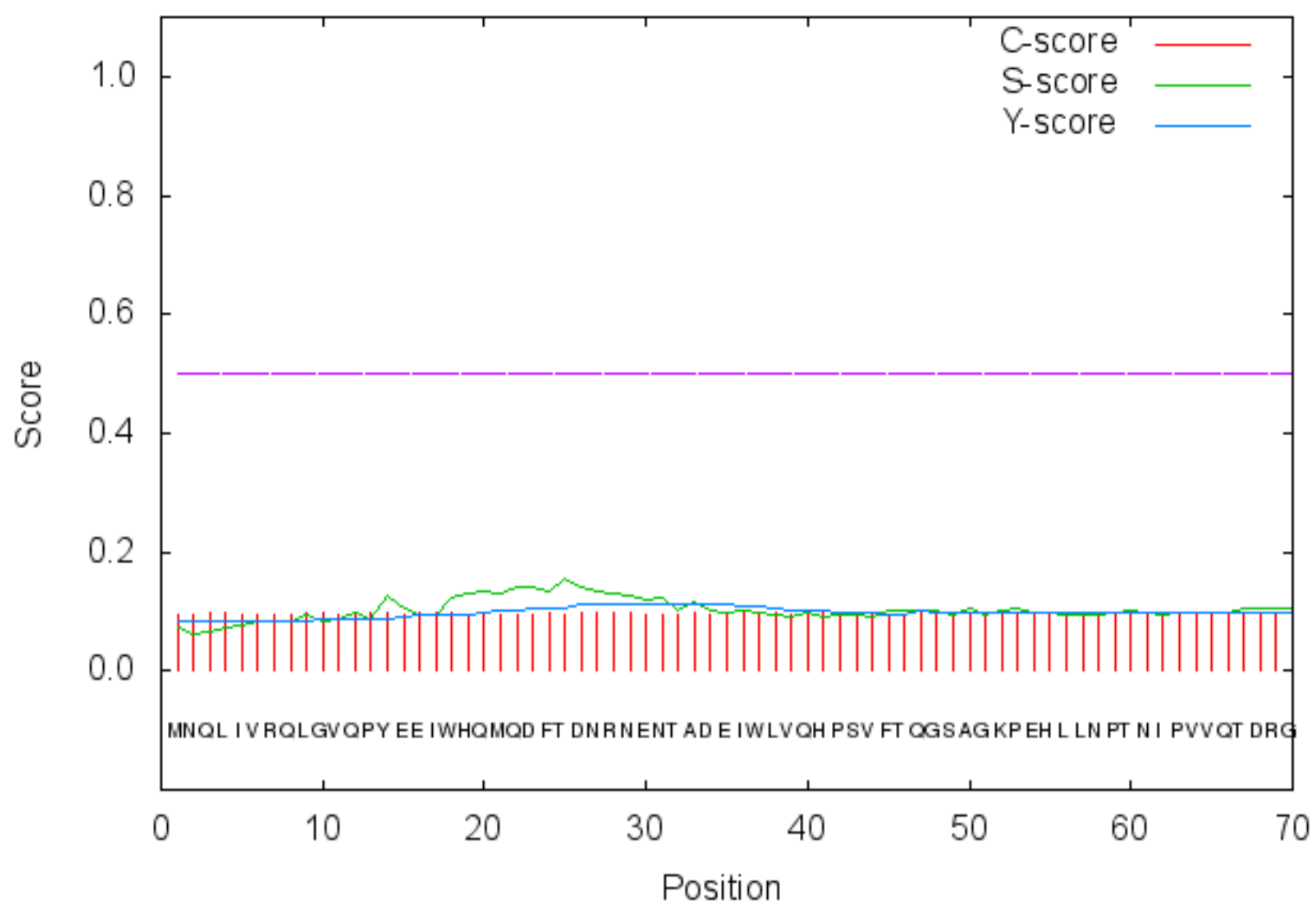
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01031\_759



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     62      0.180
max. Y     62      0.125
max. S     15      0.116
mean S     1-61    0.091
D          1-61    0.109  0.570  NO
Name=AP15_new2331_APP8_01031_759      SP='NO' D=0.109 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01753\_407

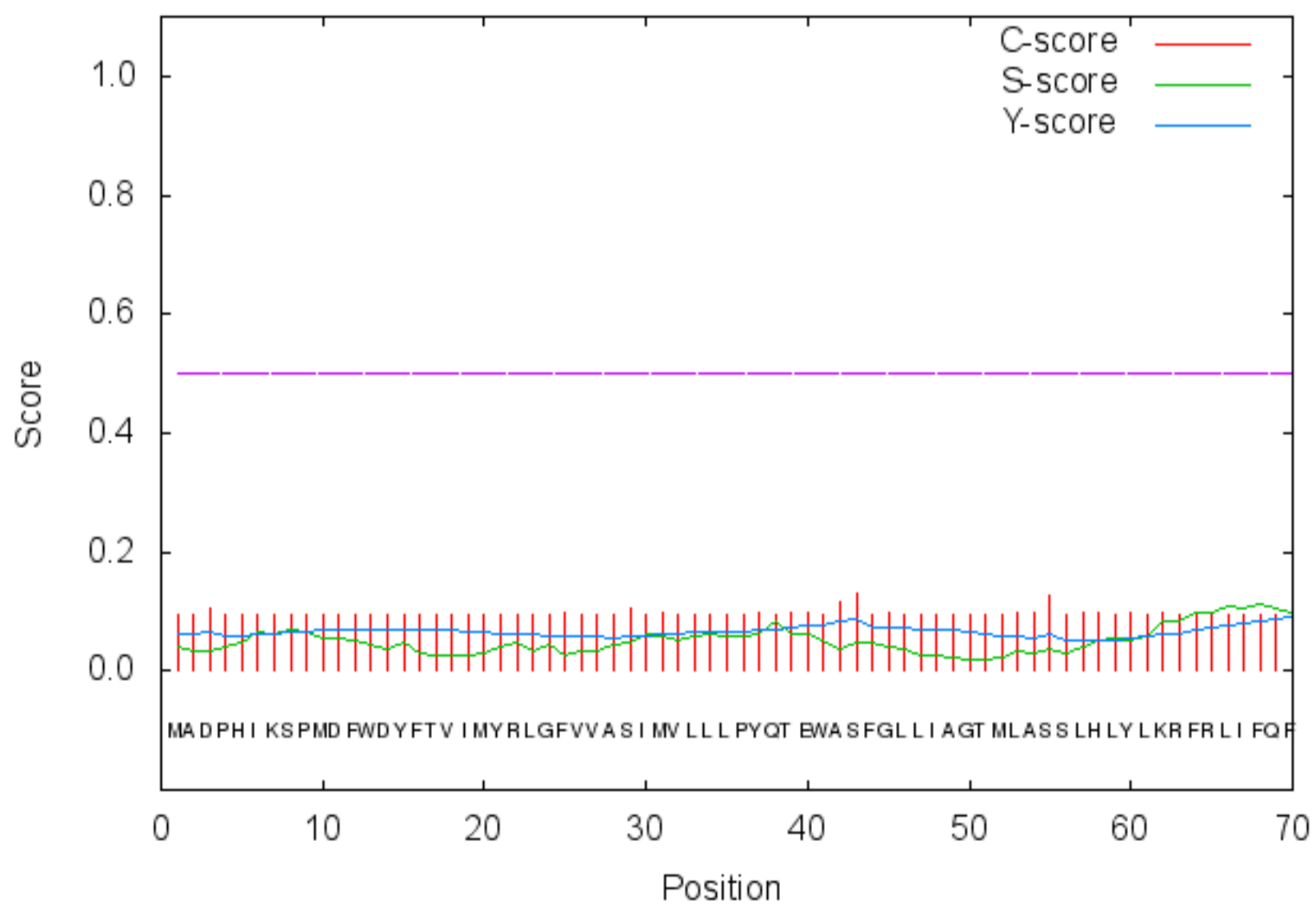
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01753\_407



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     47      0.103
max. Y     31      0.114
max. S     25      0.156
mean S     1-30    0.107
D          1-30    0.111  0.570  NO
Name=AP15_new2331_APP8_01753_407      SP='NO' D=0.111 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_00138\_1305

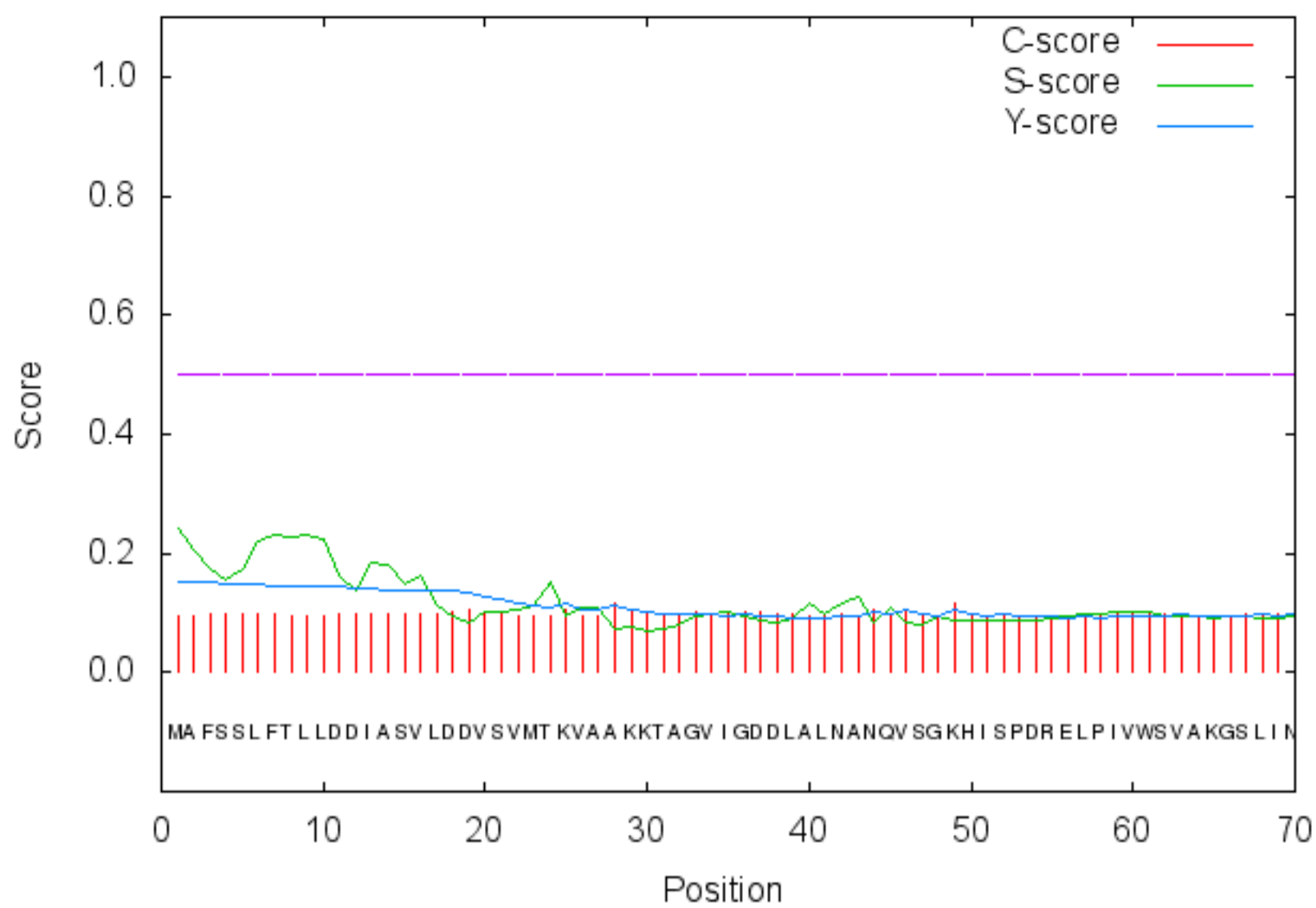
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00138\_1305



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     43      0.129
max. Y     70      0.090
max. S     68      0.113
mean S     1-69    0.051
D          1-69    0.075  0.510  NO
Name=AP15_new2331_APP8_00138_1305      SP='NO' D=0.075 D-cutoff=0.510 Networks=SignalP-TM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01026\_754

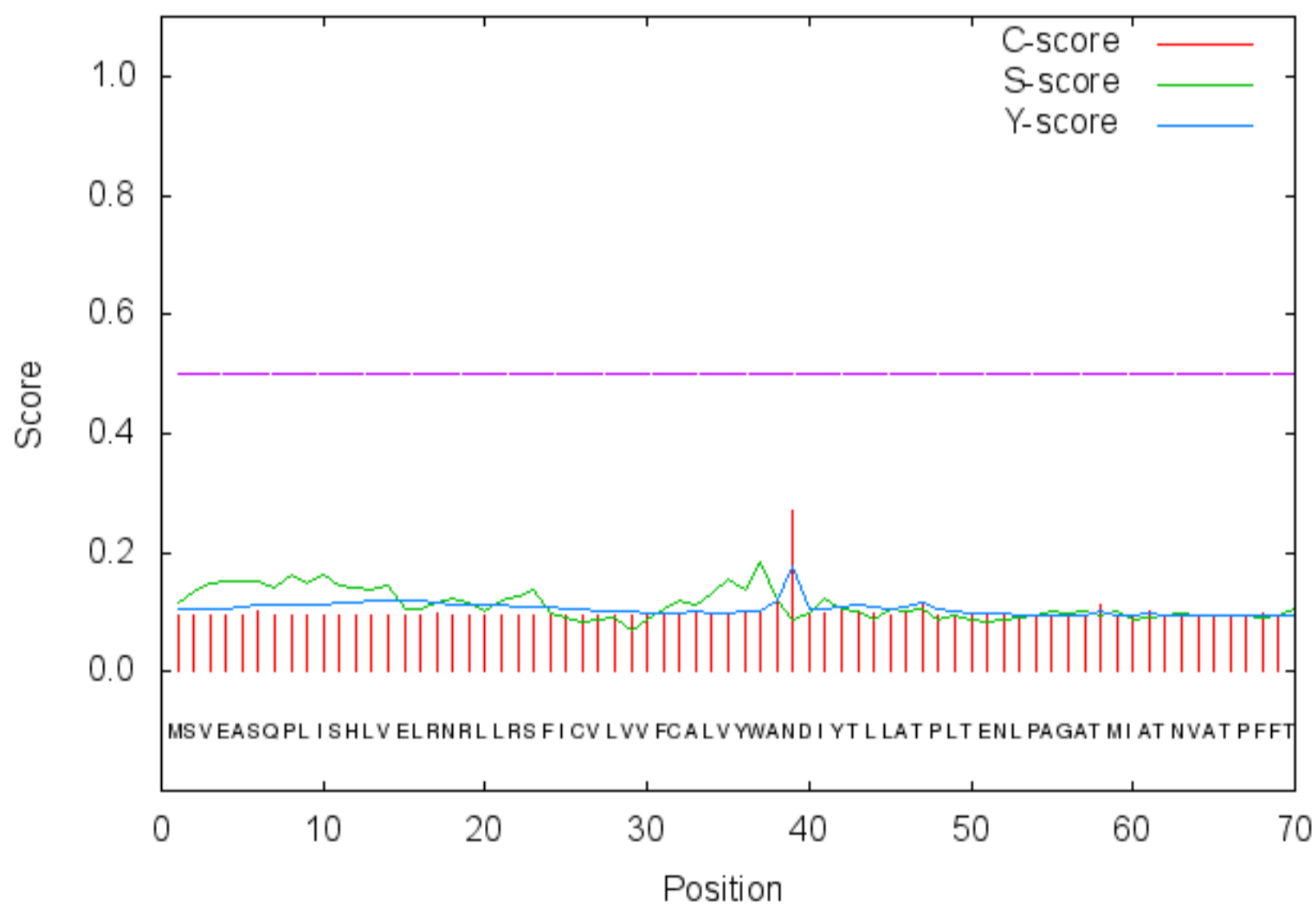
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01026\_754



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     28      0.116
max. Y     11      0.145
max. S     1       0.241
mean S    1-10    0.208
D         1-10    0.175  0.570  NO
Name=AP15_new2331_APP8_01026_754      SP='NO' D=0.175 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_02182\_553

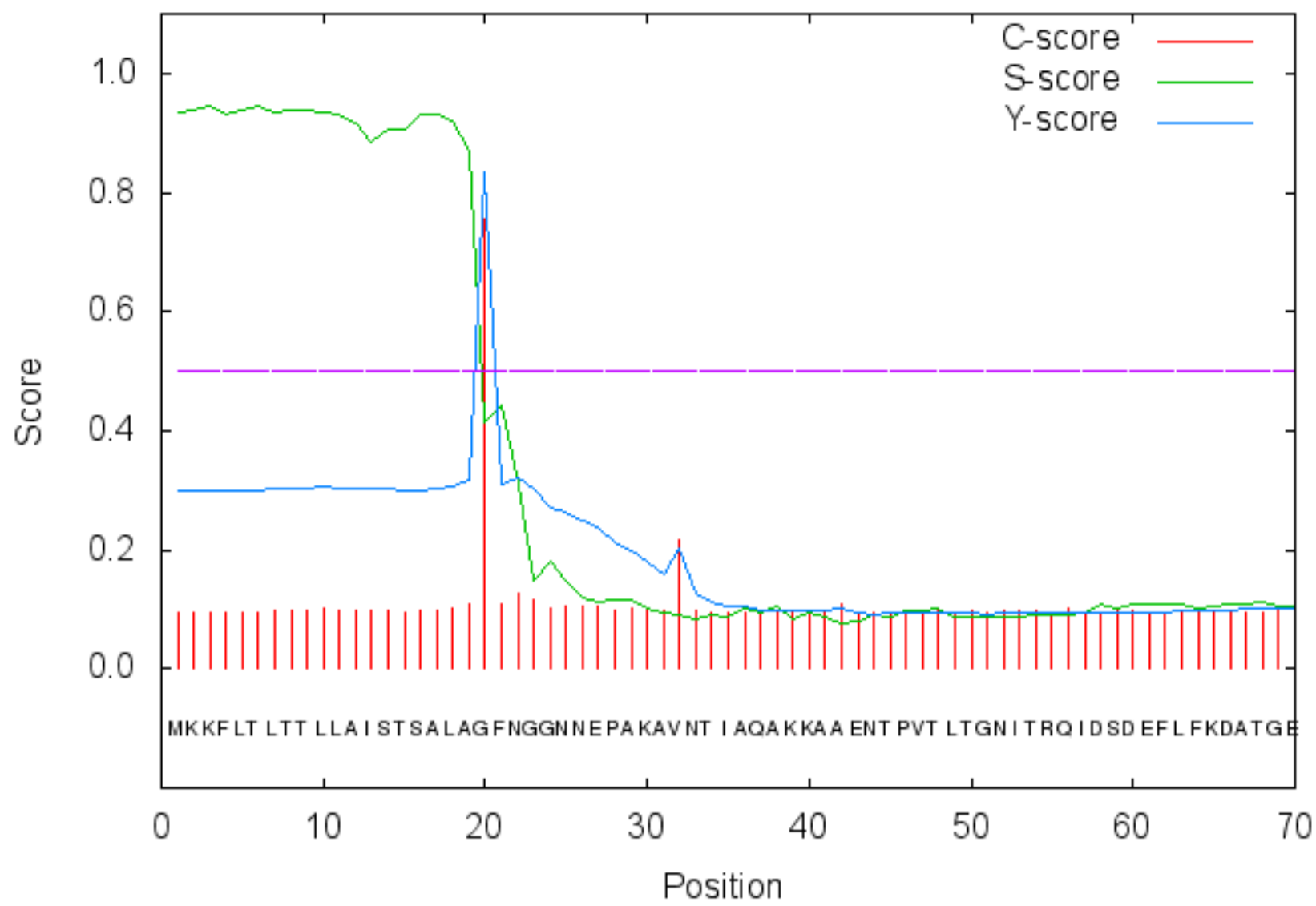
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_02182\_553



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     39      0.270
max. Y     39      0.177
max. S     37      0.185
mean S    1-38    0.125
D         1-38    0.158  0.510  NO
Name=AP15_new2331_APP8_02182_553      SP='NO' D=0.158 D-cutoff=0.510 Networks=SignalP-TM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01078\_1723

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01078\_1723



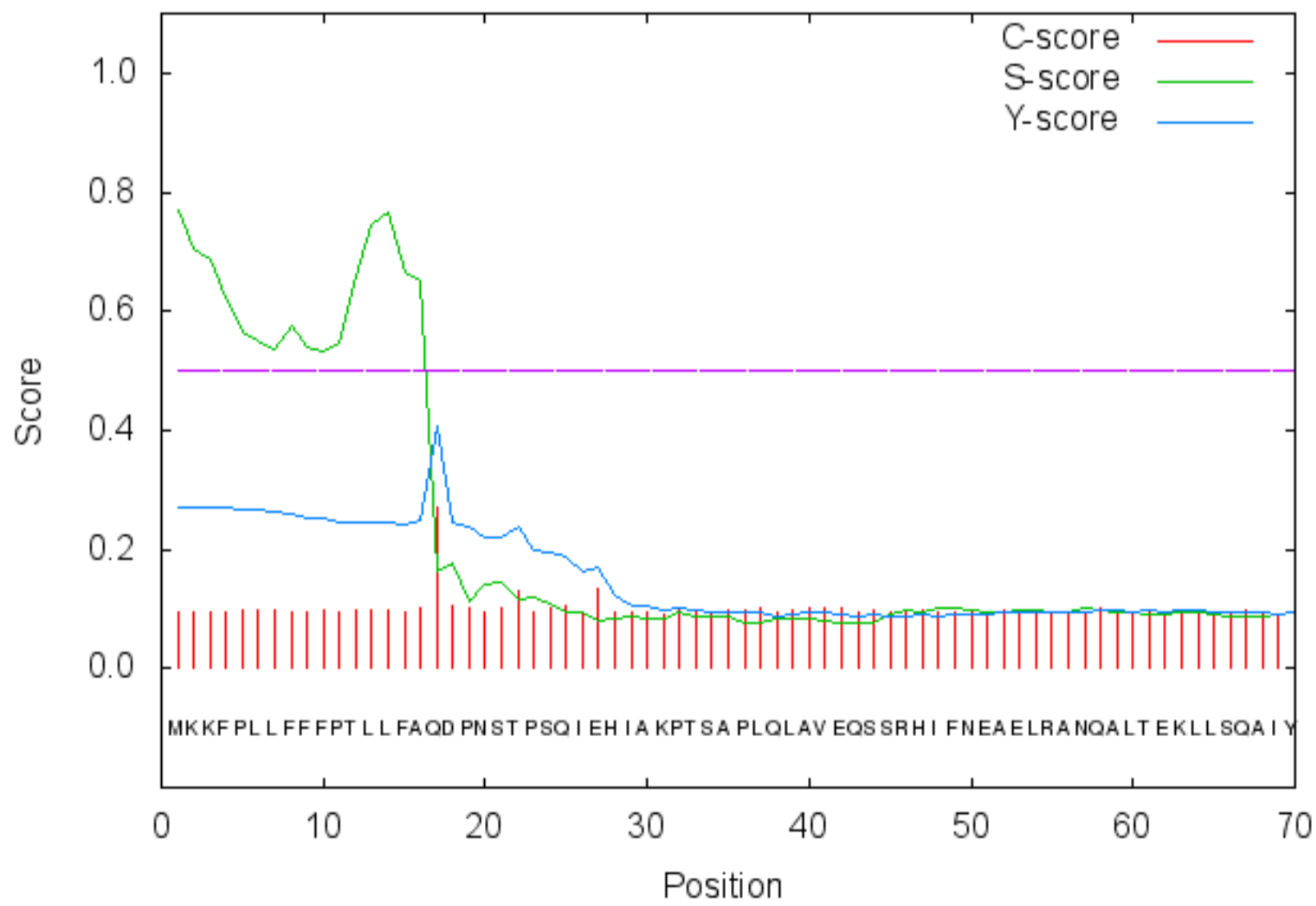
# Measure	Position	Value	Cutoff	signal peptide?
max. C	20	0.756		
max. Y	20	0.833		
max. S	6	0.945		
mean S	1-19	0.925		
D	1-19	0.876	0.570	YES

Name=AP15\_new2331\_APP8\_01078\_1723 SP='YES' Cleavage site between pos. 19 and 20: ALA-GF D=0.876 D-cutoff=0.570 Networks=SignalP-noTM

# data  
# gnuplot script

>AP15\_new2331\_APP8\_00933\_1620

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00933\_1620



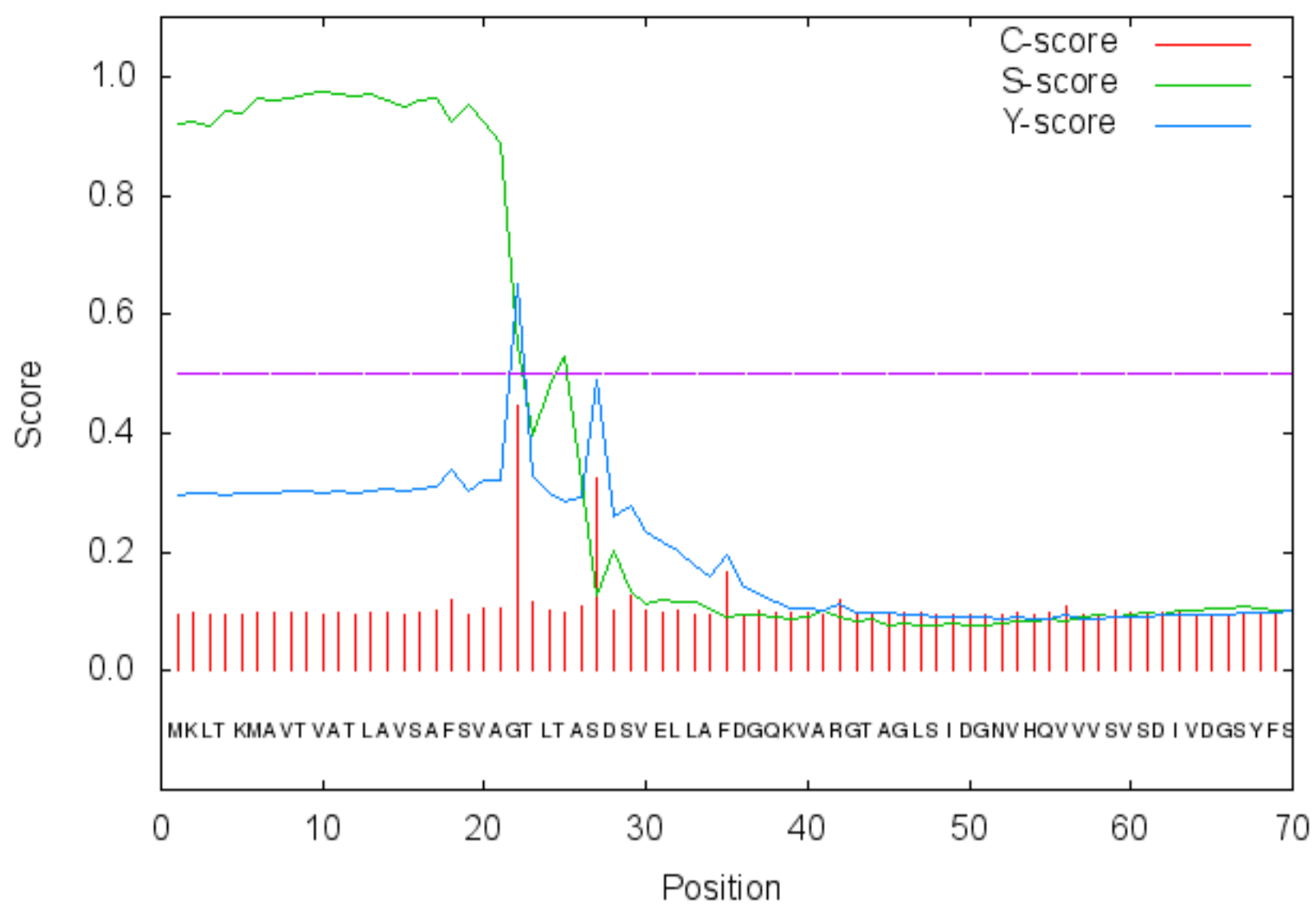
# Measure	Position	Value	Cutoff	signal peptide?
max. C	17	0.270		
max. Y	17	0.406		
max. S	1	0.769		
mean S	1-16	0.632		
D	1-16	0.513	0.570	NO

Name=AP15\_new2331\_APP8\_00933\_1620 SP='NO' D=0.513 D-cutoff=0.570 Networks=SignalP-noTM

# data  
# gnuplot script

>AP15\_new2331\_APP8\_00382\_1155

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00382\_1155



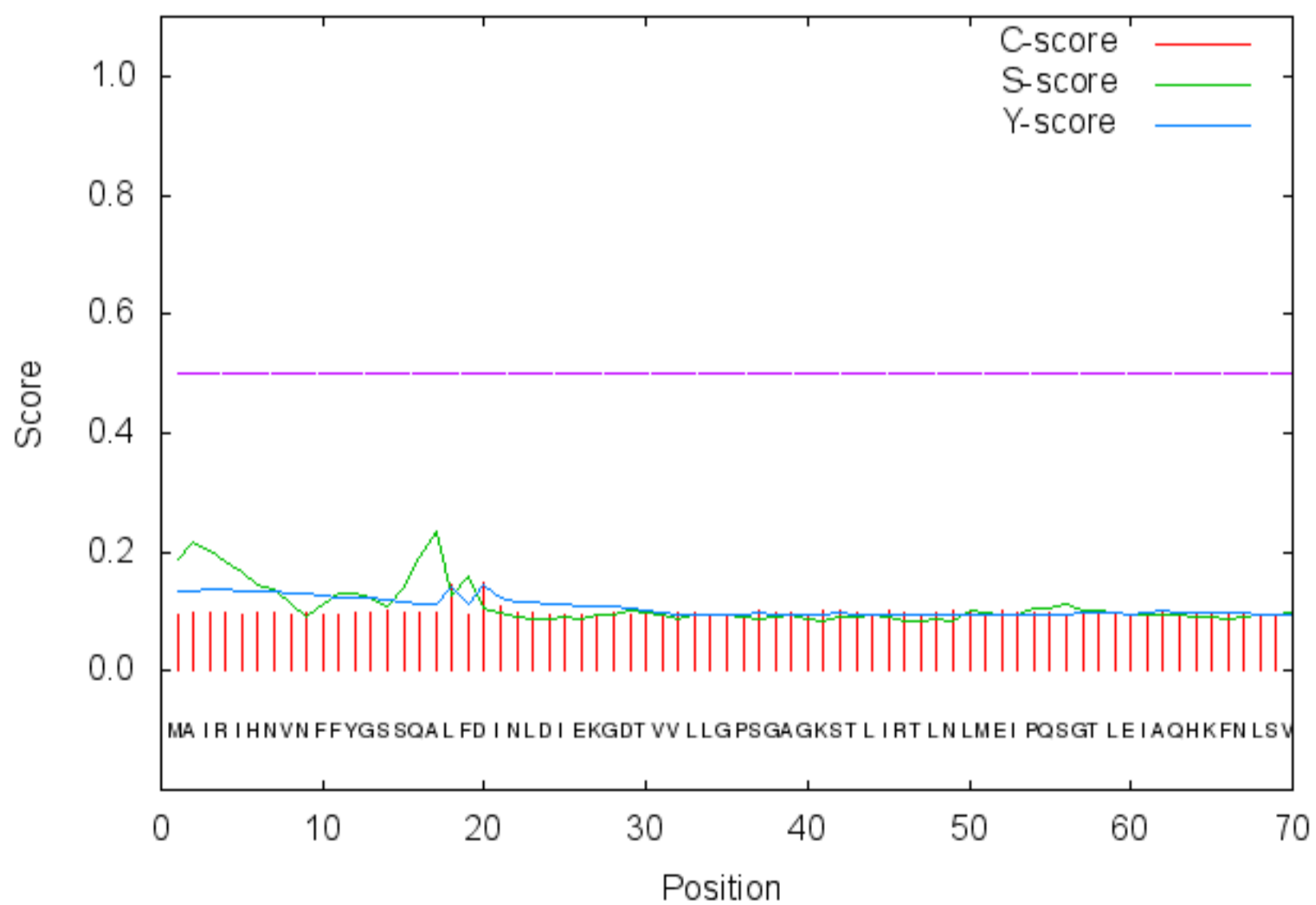
```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     22      0.447
max. Y     22      0.652
max. S     10      0.973
mean S     1-21    0.948
D          1-21    0.791  0.570  YES
```

Name=AP15\_new2331\_APP8\_00382\_1155 SP='YES' Cleavage site between pos. 21 and 22: SVA-GT D=0.791 D-cutoff=0.570 Networks=SignalP-noTM

```
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01477\_1563

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01477\_1563



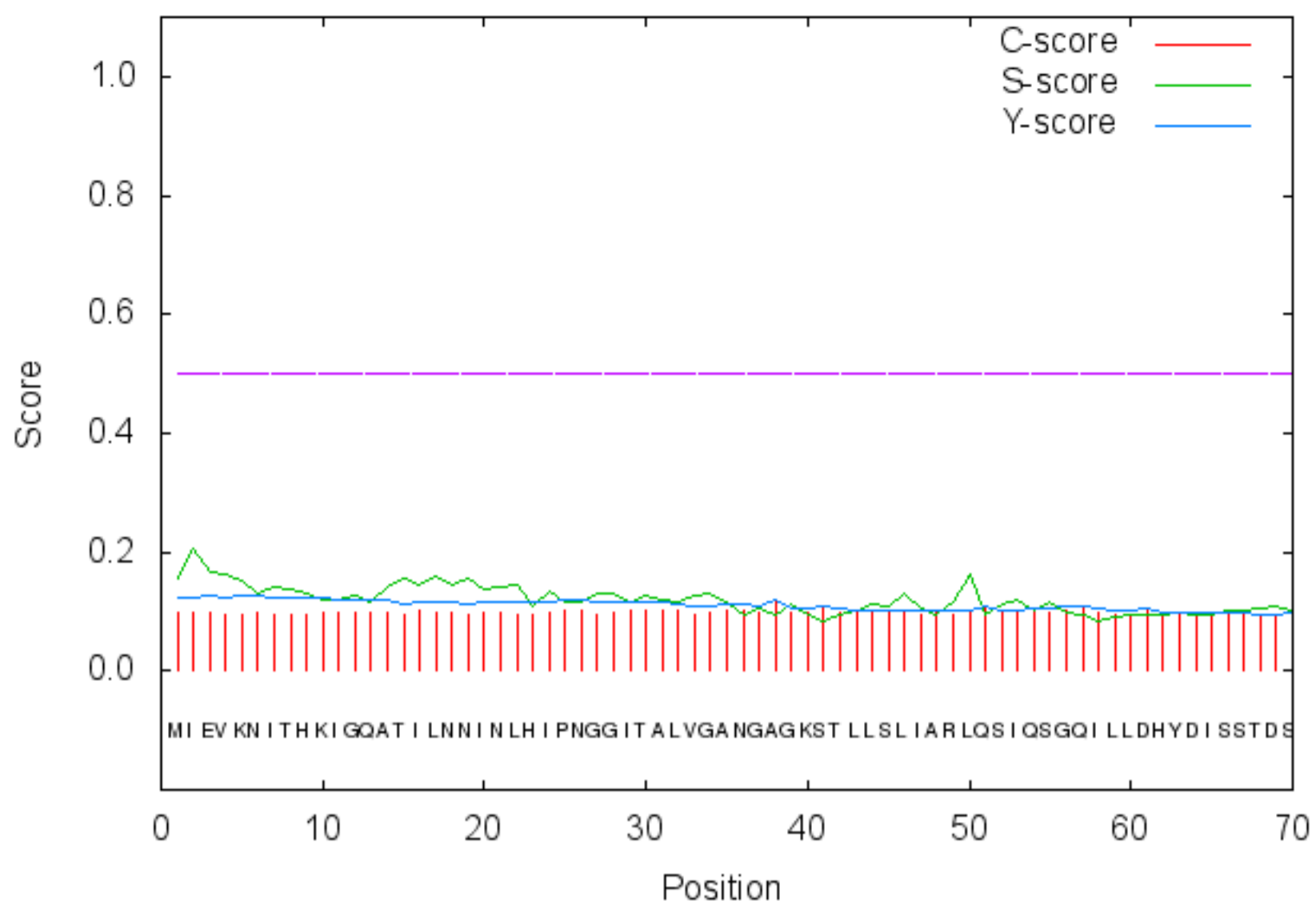
```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     20      0.150
max. Y     20      0.144
max. S     17      0.234
mean S     1-19    0.153
D          1-19    0.148  0.570  NO
```

Name=AP15\_new2331\_APP8\_01477\_1563 SP='NO' D=0.148 D-cutoff=0.570 Networks=SignalP-noTM

```
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_00717\_959

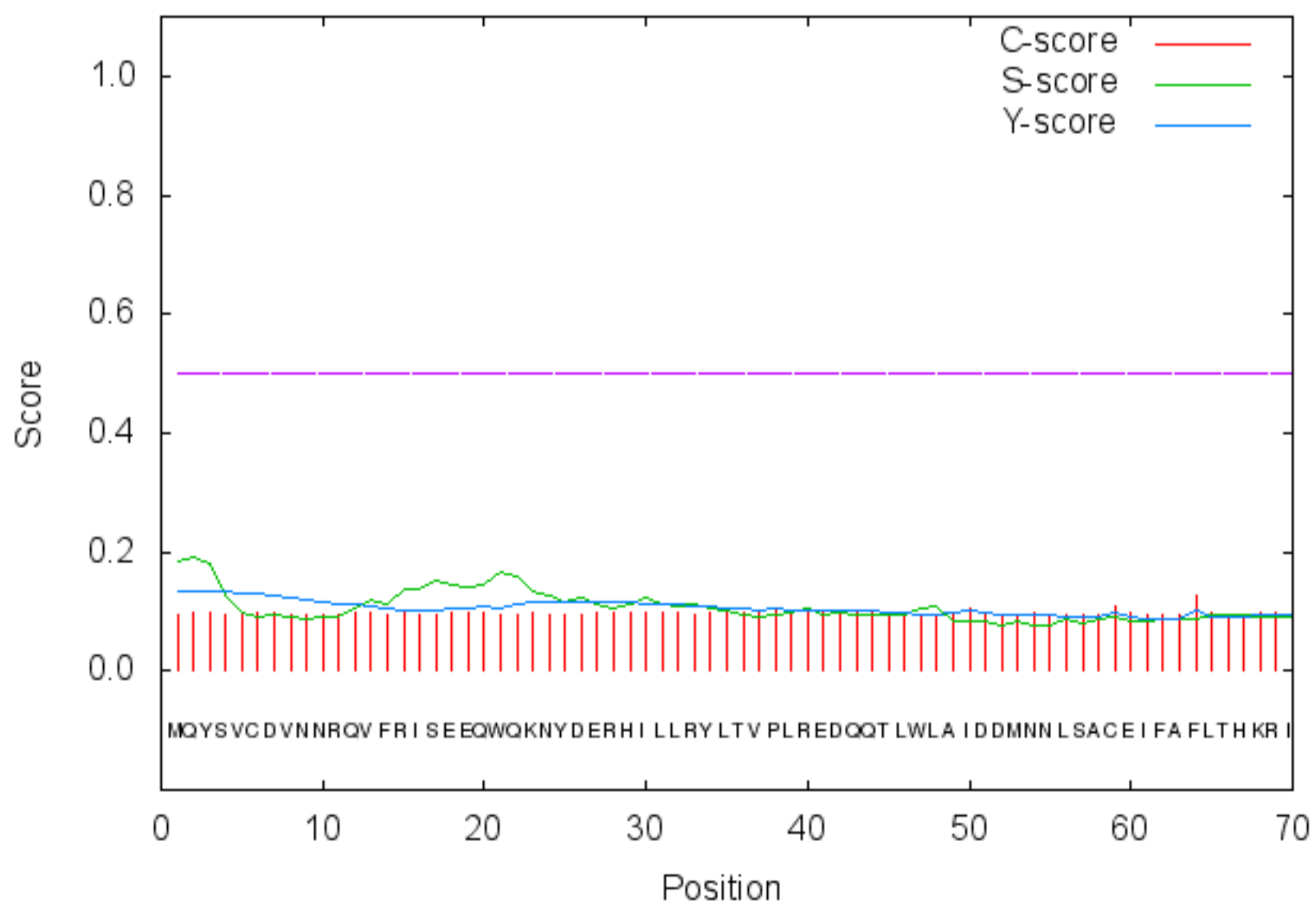
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00717\_959



```
# Measure Position Value Cutoff signal peptide?
max. C 38 0.121
max. Y 11 0.121
max. S 2 0.205
mean S 1-10 0.150
D 1-10 0.135 0.570 NO
Name=AP15_new2331_APP8_00717_959 SP='NO' D=0.135 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_00890\_838

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00890\_838

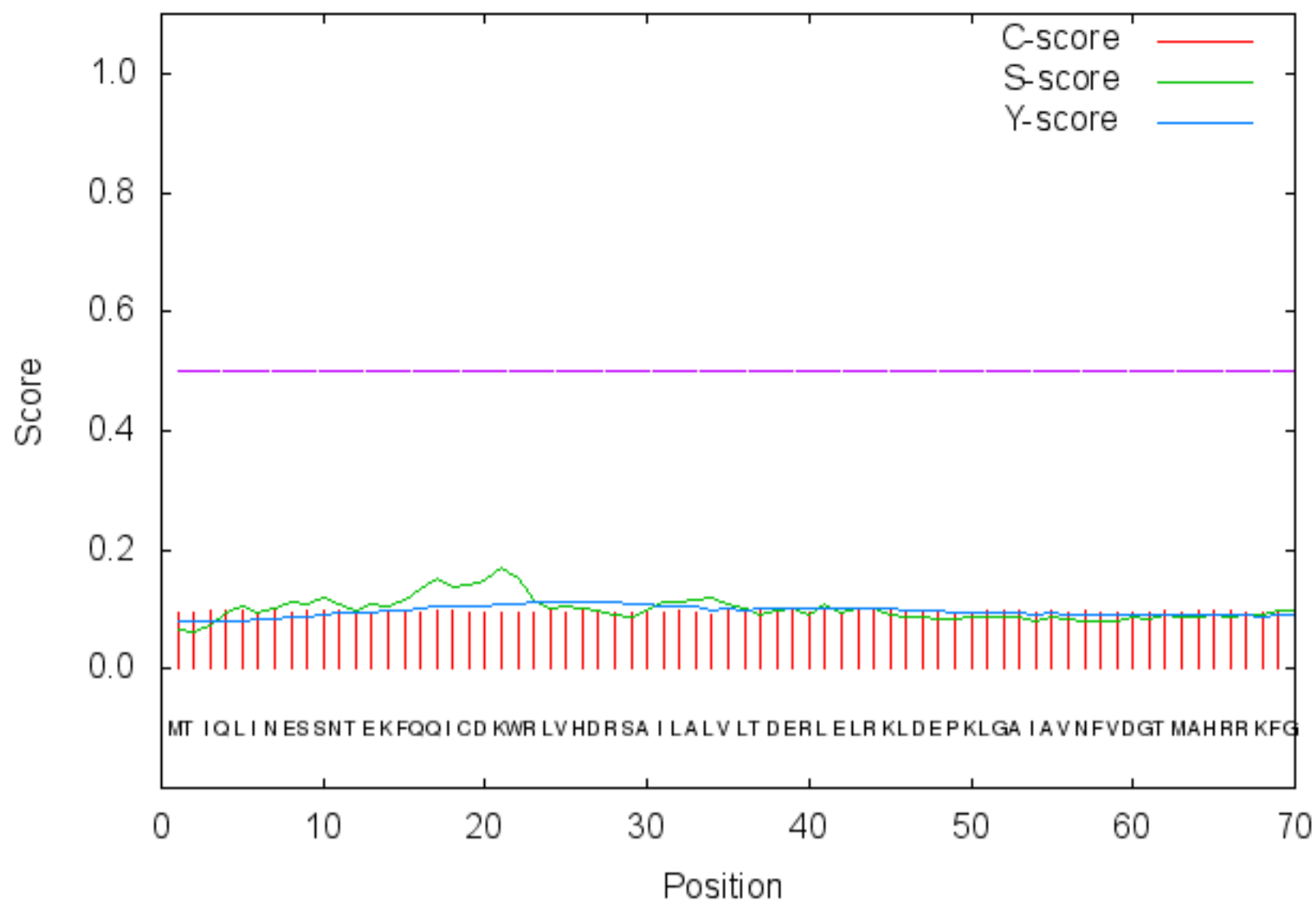


```
# Measure Position Value Cutoff signal peptide?
max. C 64 0.128
max. Y 27 0.117
max. S 2 0.193
mean S 1-26 0.129
D 1-26 0.123 0.570 NO
Name=AP15_new2331_APP8_00890_838 SP='NO' D=0.123 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_02063\_1372



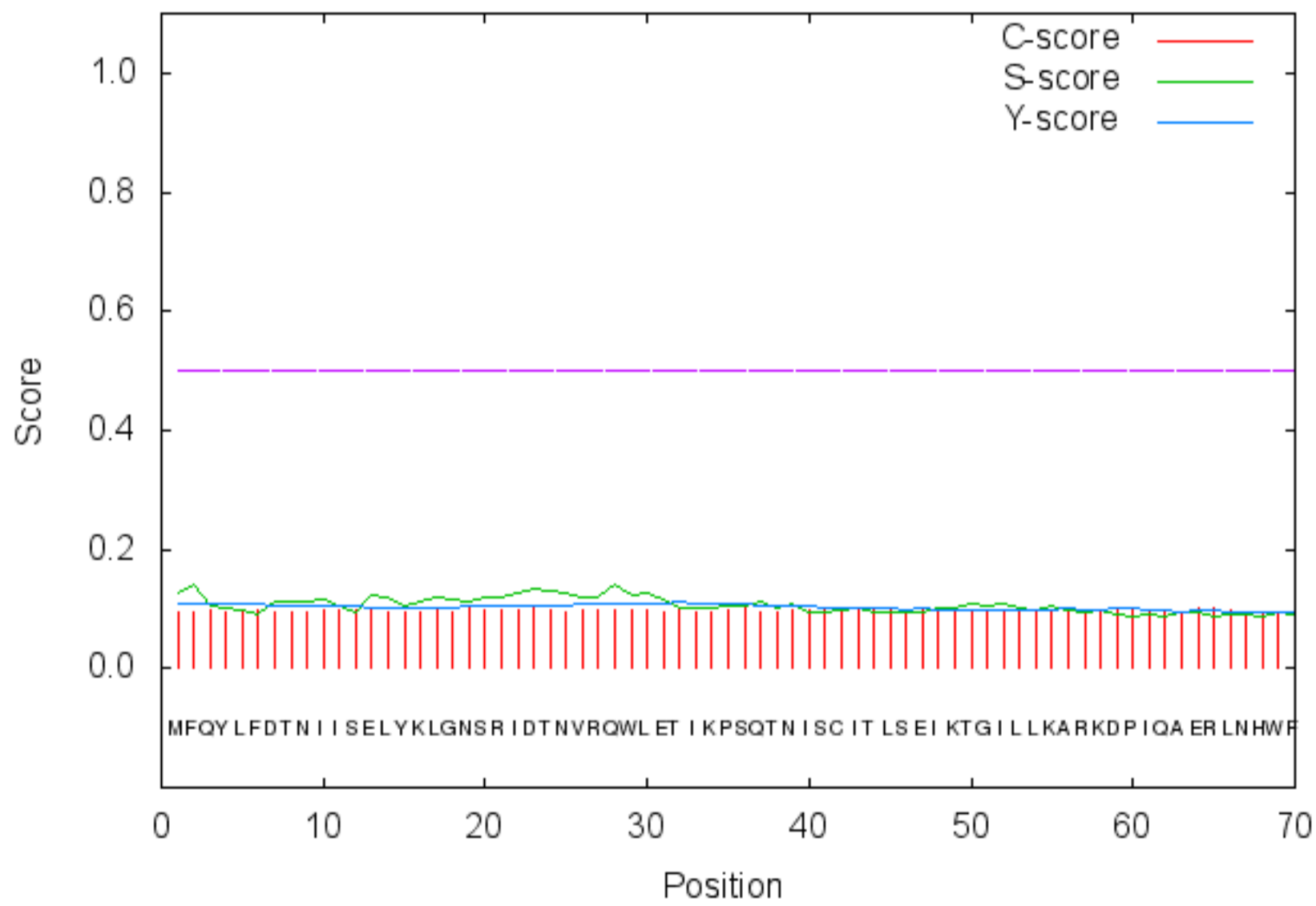
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_02063\_1372



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     45      0.100
max. Y     24      0.113
max. S     21      0.170
mean S     1-23    0.114
D          1-23    0.114  0.570  NO
Name=AP15_new2331_APP8_02063_1372      SP='NO' D=0.114 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_02011\_472

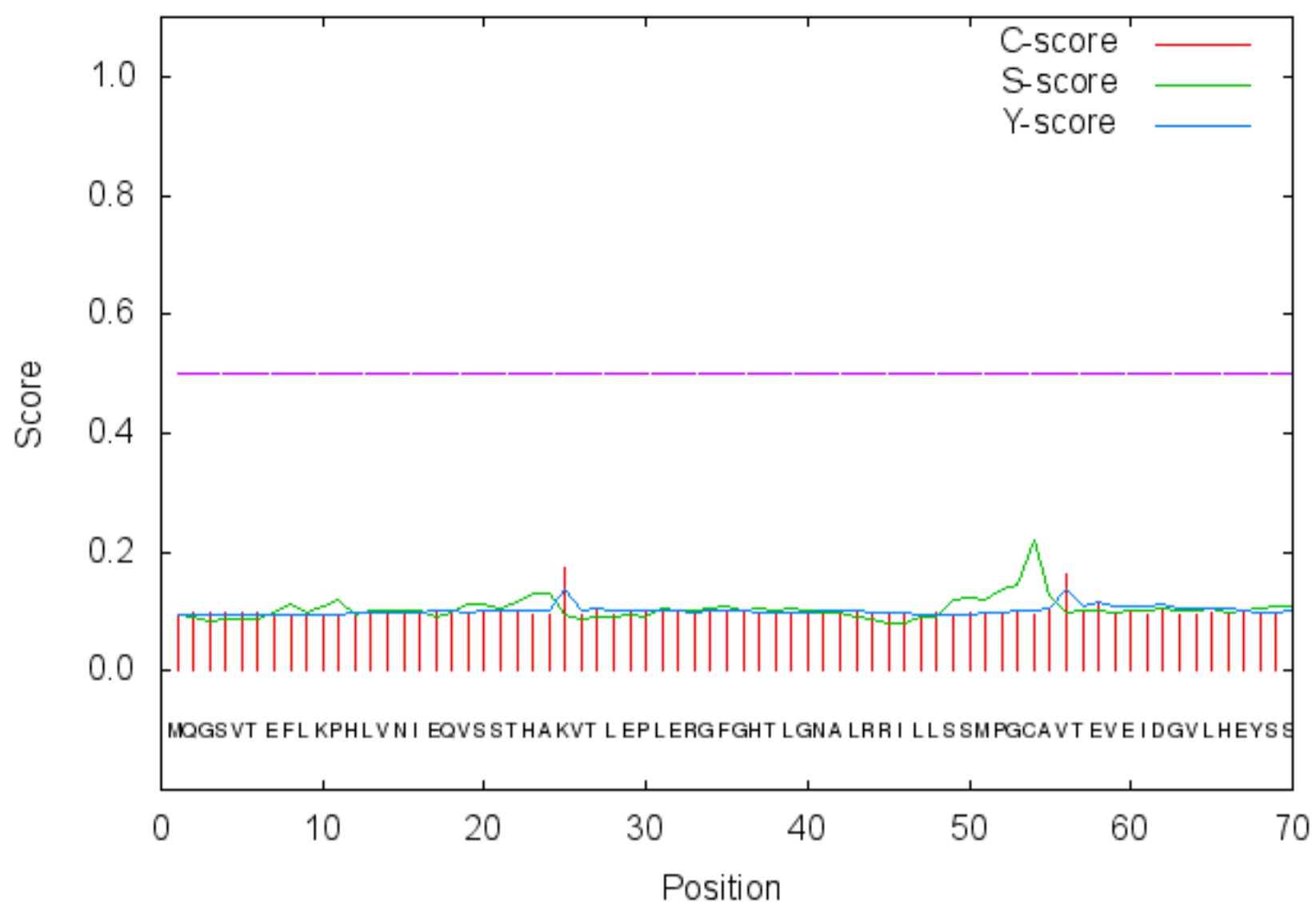
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_02011\_472



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     64      0.102
max. Y     32      0.111
max. S     28      0.142
mean S     1-31    0.117
D          1-31    0.114  0.570  NO
Name=AP15_new2331_APP8_02011_472      SP='NO' D=0.114 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01963\_253

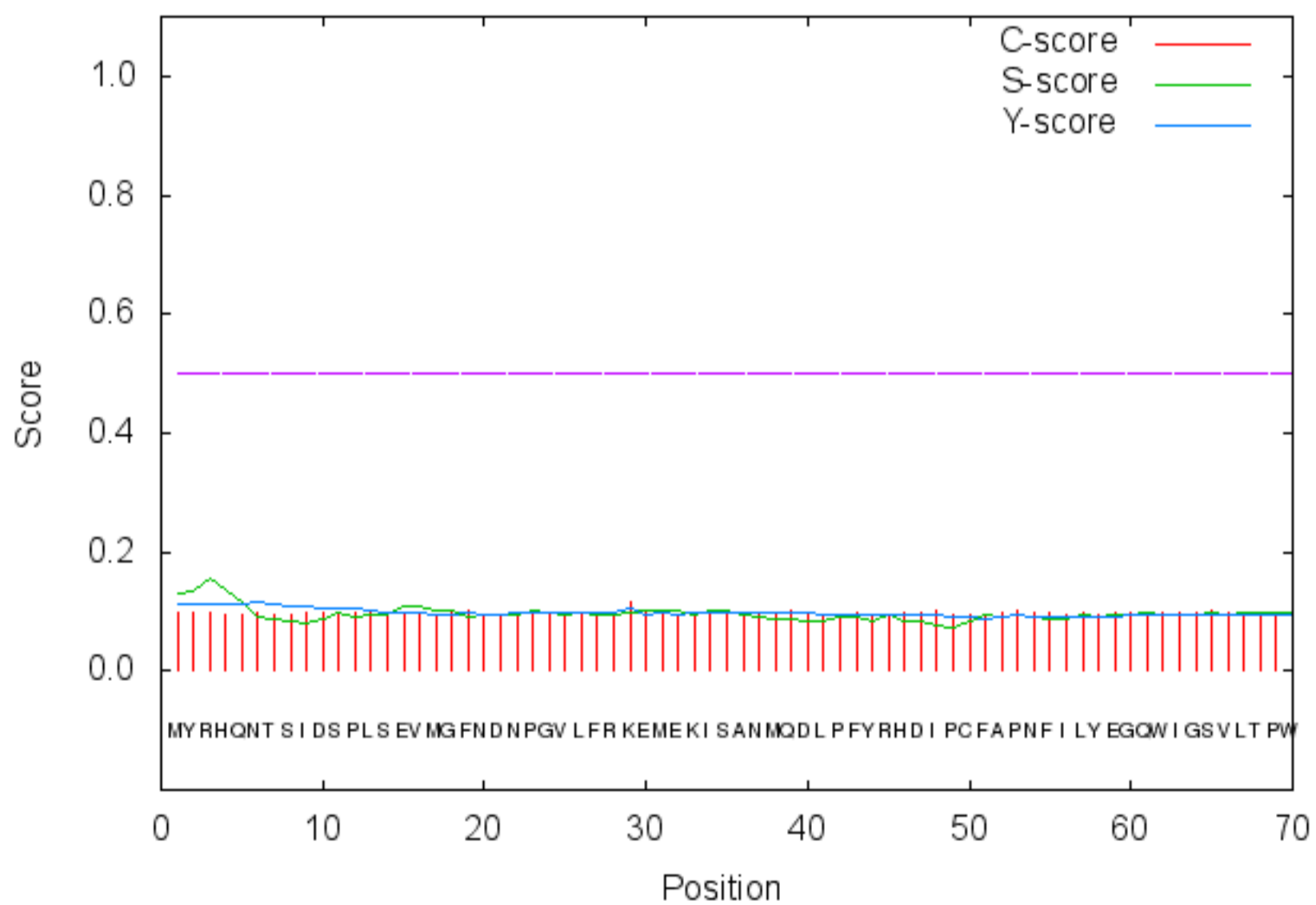
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01963\_253



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     25      0.173
max. Y     56      0.138
max. S     54      0.220
mean S     1-55    0.105
D          1-55    0.123  0.570  NO
Name=AP15_new2331_APP8_01963_253      SP='NO' D=0.123 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01385\_1549

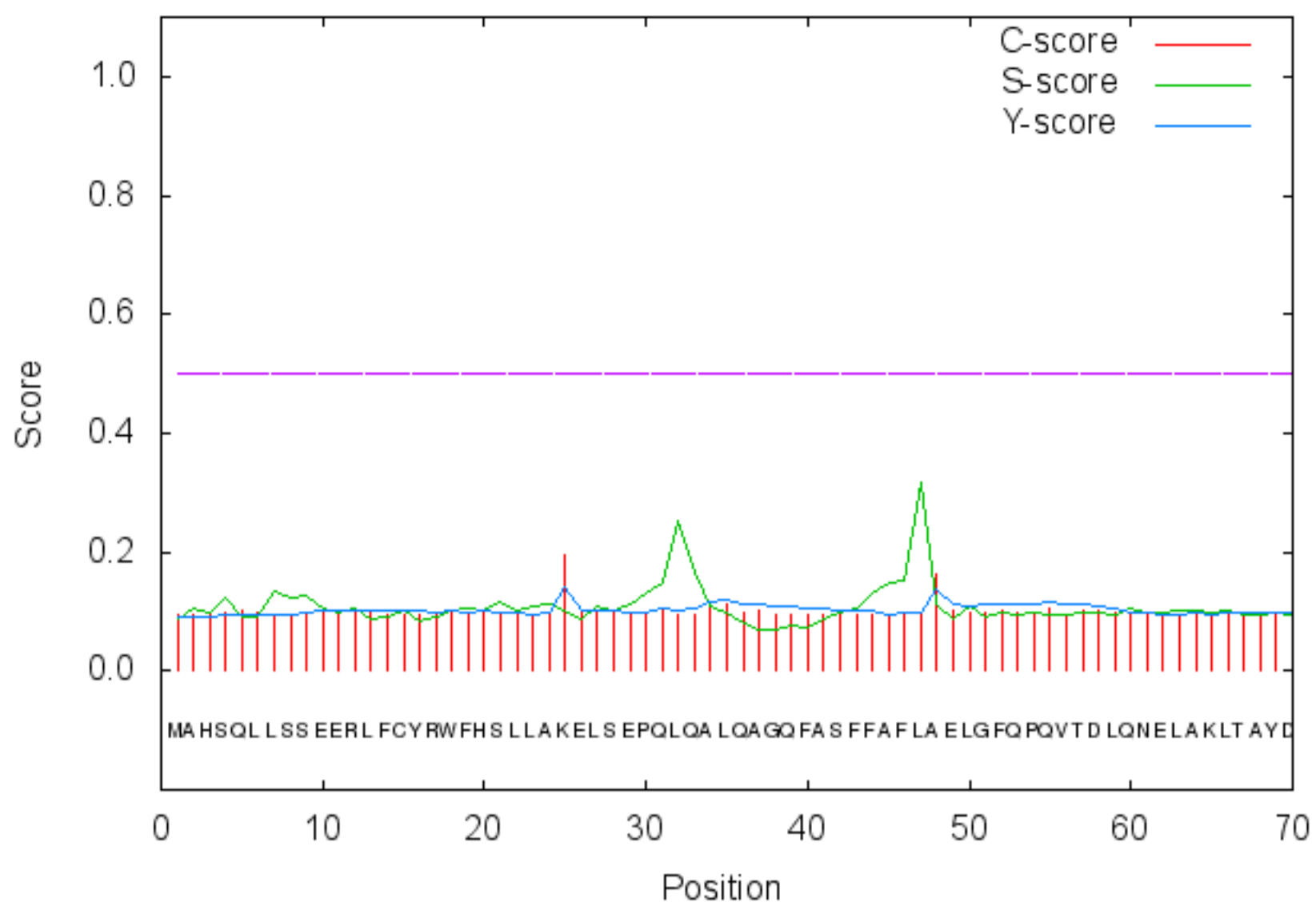
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01385\_1549



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     29      0.117
max. Y     29      0.106
max. S      3      0.155
mean S     1-28    0.102
D          1-28    0.104  0.570  NO
Name=AP15_new2331_APP8_01385_1549      SP='NO' D=0.104 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01976\_240

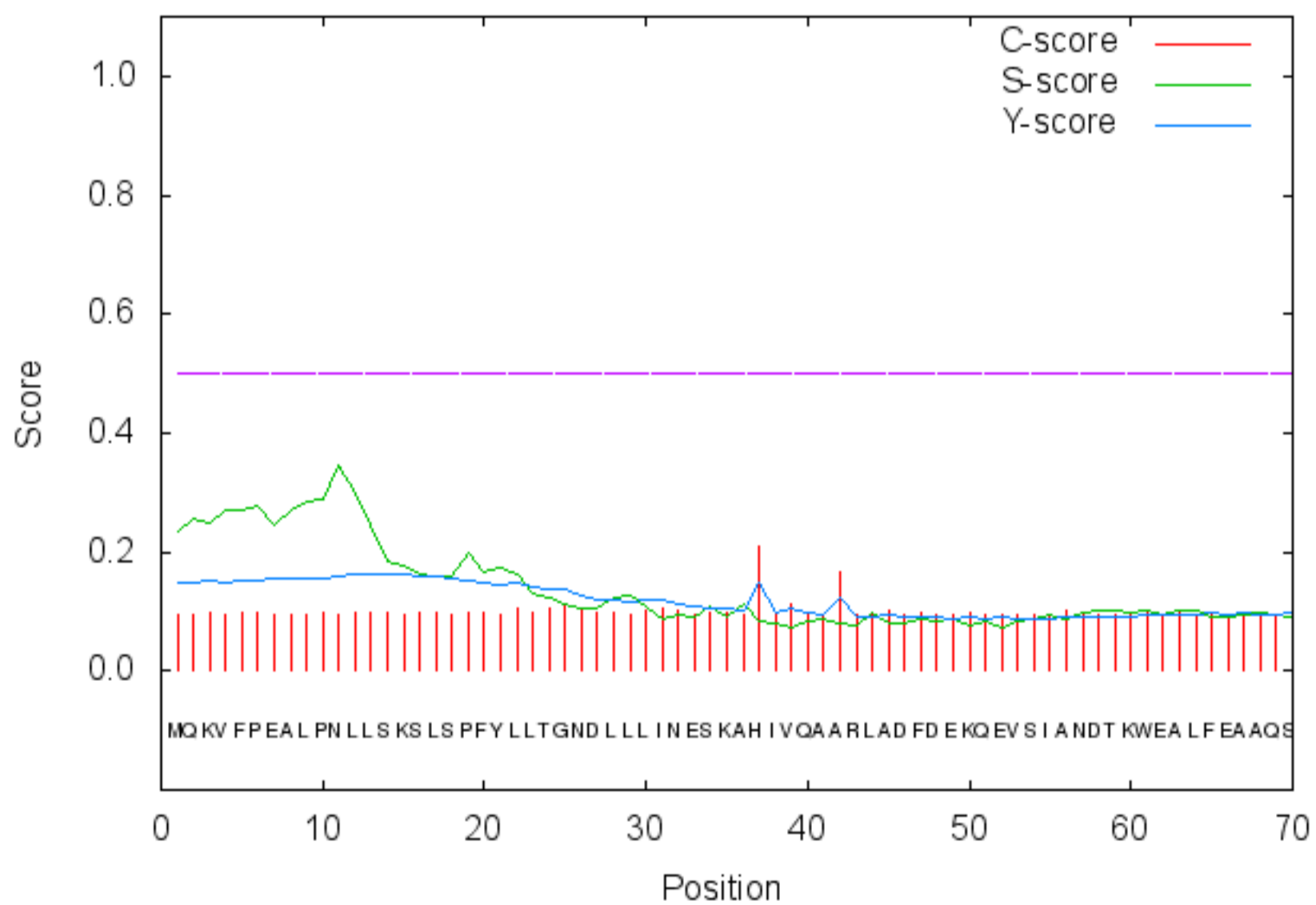
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01976\_240



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     25      0.196
max. Y     25      0.140
max. S     47      0.317
mean S     1-24    0.104
D          1-24    0.123  0.570  NO
Name=AP15_new2331_APP8_01976_240      SP='NO' D=0.123 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_00885\_842

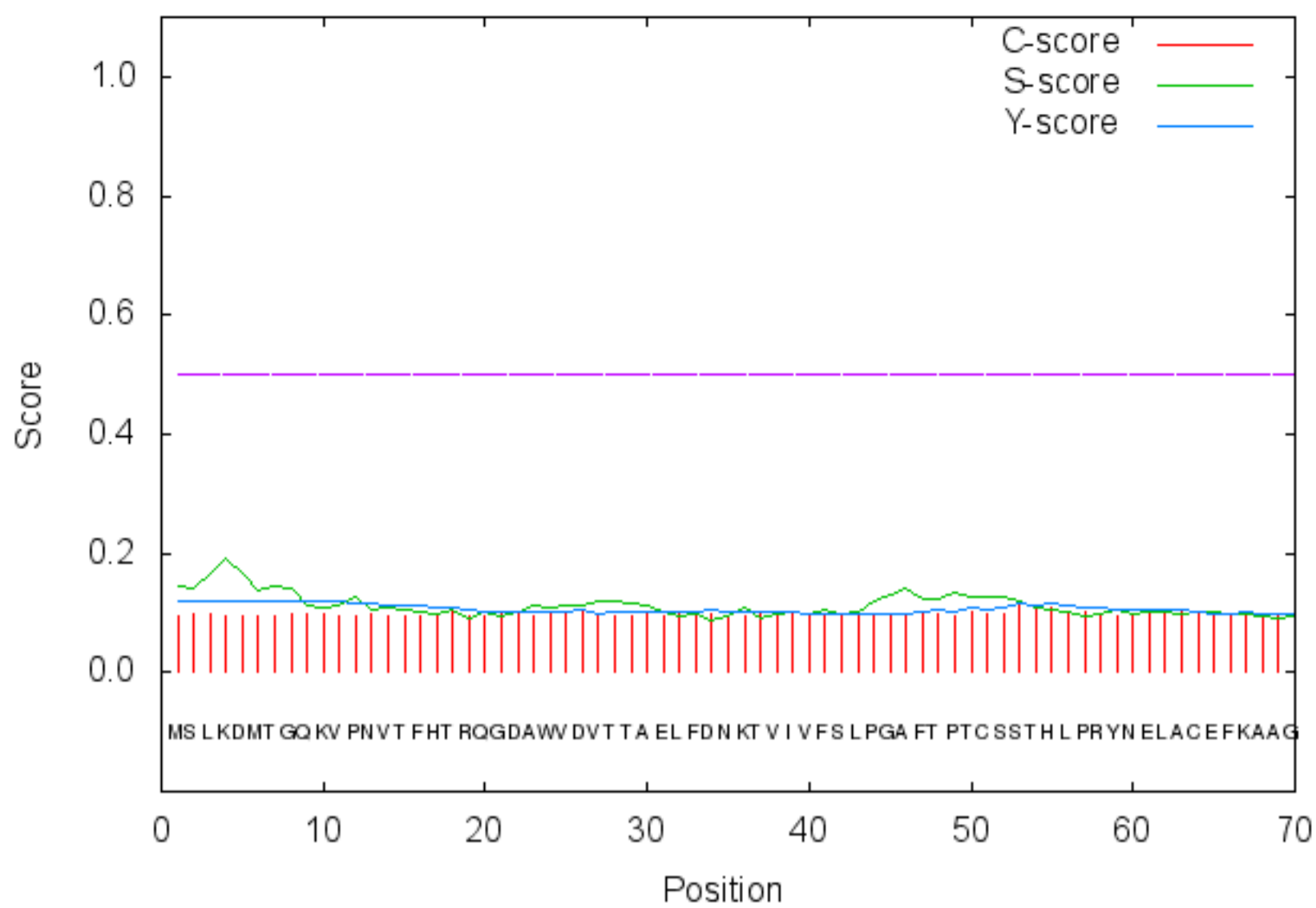
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_00885\_842



```
# Measure  Position  Value  Cutoff  signal peptide?
max. C     37      0.208
max. Y     14      0.164
max. S     11      0.345
mean S     1-13    0.272
D          1-13    0.215  0.570  NO
Name=AP15_new2331_APP8_00885_842      SP='NO' D=0.215 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_01587\_696

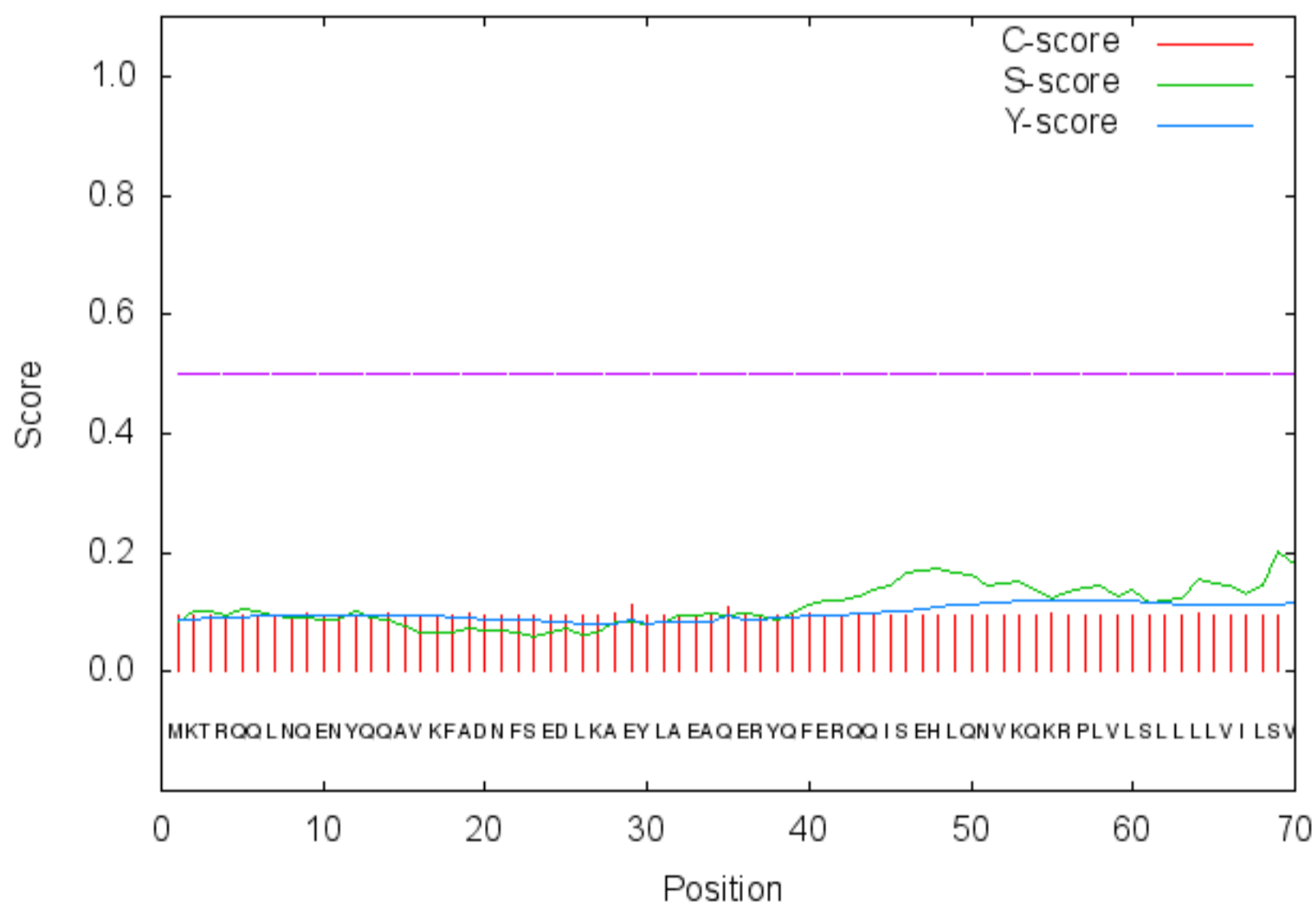
SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01587\_696



```
# Measure Position Value Cutoff signal peptide?
max. C 53 0.111
max. Y 11 0.118
max. S 4 0.190
mean S 1-10 0.145
D 1-10 0.131 0.570 NO
Name=AP15_new2331_APP8_01587_696 SP='NO' D=0.131 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

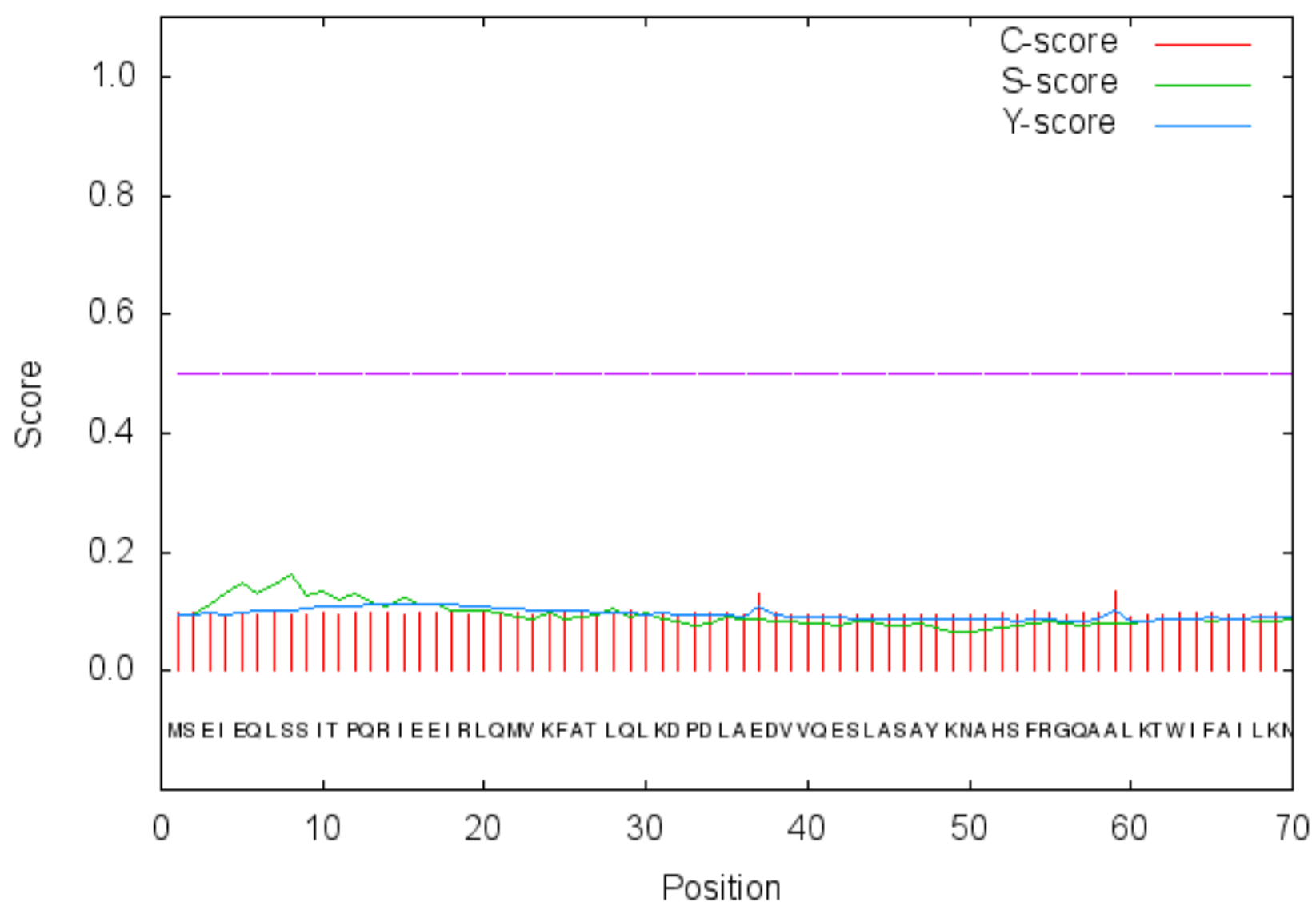
>AP15\_new2331\_APP8\_01069\_791

SignalP-4.1 prediction (gram- networks): AP15\_new2331\_APP8\_01069\_791



```
# Measure Position Value Cutoff signal peptide?
max. C 29 0.112
max. Y 55 0.121
max. S 69 0.204
mean S 1-54 0.101
D 1-54 0.114 0.510 NO
Name=AP15_new2331_APP8_01069_791 SP='NO' D=0.114 D-cutoff=0.510 Networks=SignalP-TM
# data
# gnuplot script
```

>AP15\_new2331\_APP8\_02015\_468



```
# Measure  Position  Value    Cutoff  signal peptide?
max. C     59          0.133
max. Y     17          0.113
max. S      8          0.164
mean S     1-16        0.125
D          1-16        0.119    0.570    NO
Name=AP15_new2331_APP8_02015_468      SP='NO' D=0.119 D-cutoff=0.570 Networks=SignalP-noTM
# data
# gnuplot script
```

Signal peptides: 2  
# [processed fasta entries](#)  
# [gff file of processed entries](#)

Please cite:  
SignalP 4.0: discriminating signal peptides from transmembrane regions  
Petersen TN., Brunak S., von Heijne G. & Nielsen H.  
Nature Methods, 8:785-786, 2011

[Explain](#) the output. Go [back](#).