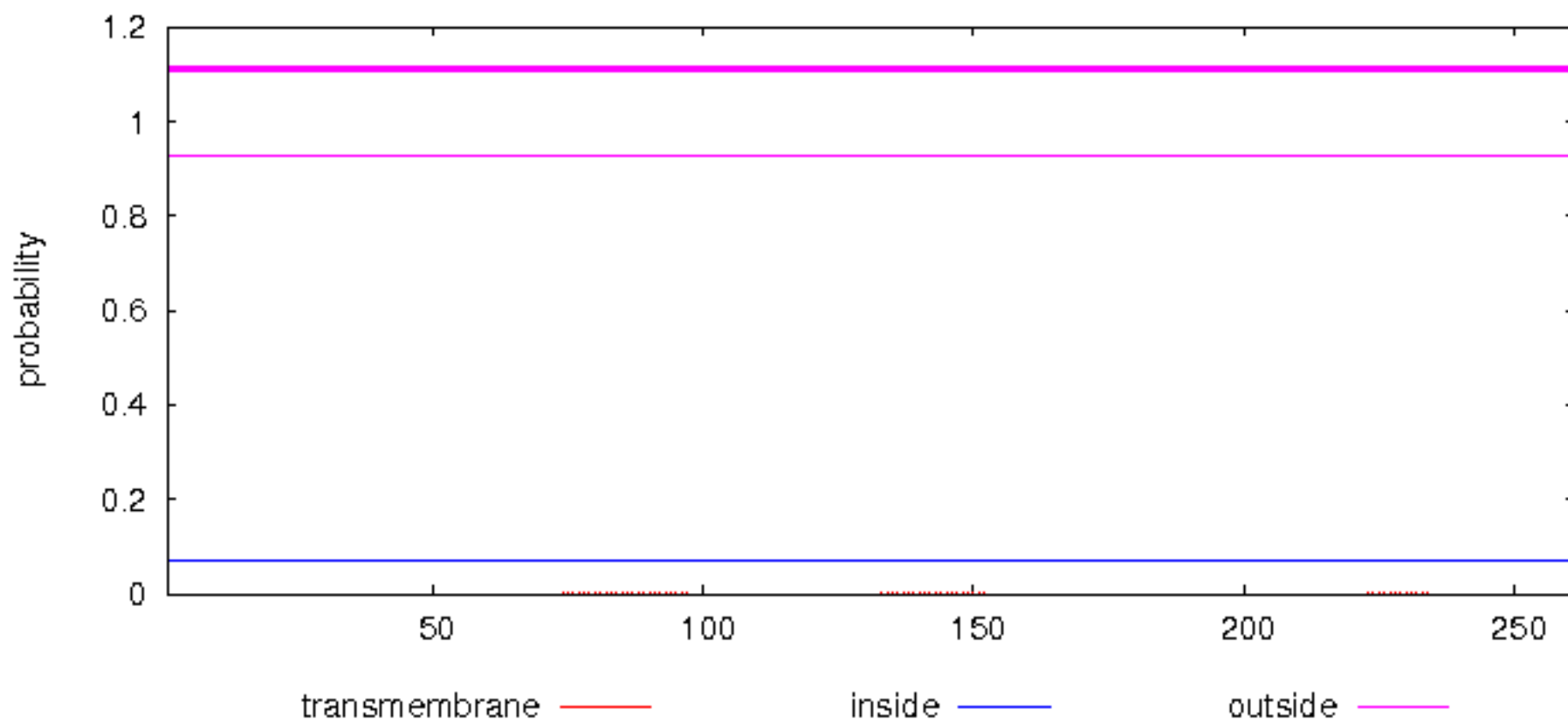


TMHMM result

[HELP](#) with output formats

```
# AP15|new2331_APP8_00109_1331 Length: 261
# AP15|new2331_APP8_00109_1331 Number of predicted TMHs: 0
# AP15|new2331_APP8_00109_1331 Exp number of AAs in TMHs: 0.02442
# AP15|new2331_APP8_00109_1331 Exp number, first 60 AAs: 0.00084
# AP15|new2331_APP8_00109_1331 Total prob of N-in: 0.07168
AP15|new2331_APP8_00109_1331 TMHMM2.0 outside 1 261
```

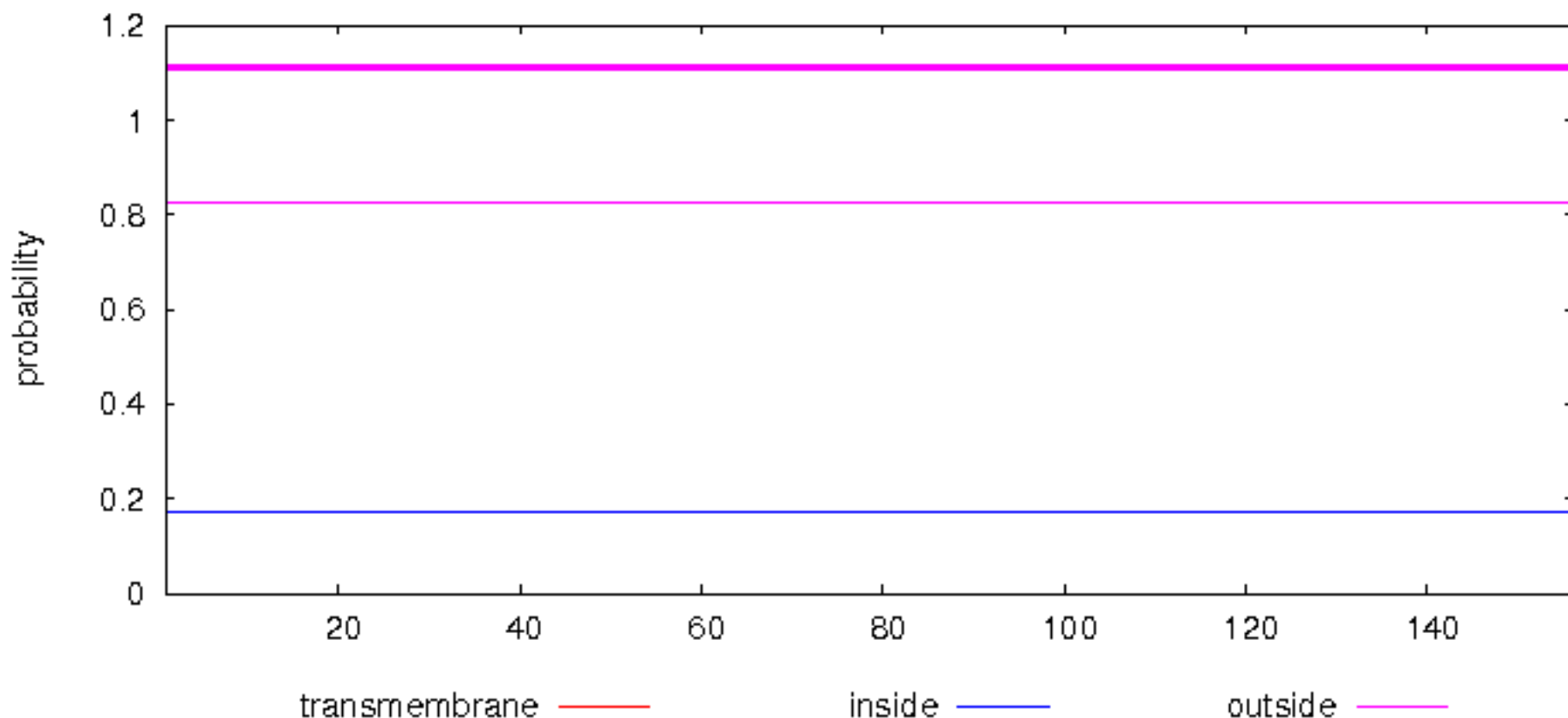
TMHMM posterior probabilities for AP15|new2331_APP8_00109_1331



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00178_1270 Length: 156
# AP15|new2331_APP8_00178_1270 Number of predicted TMHs: 0
# AP15|new2331_APP8_00178_1270 Exp number of AAs in TMHs: 0.00036
# AP15|new2331_APP8_00178_1270 Exp number, first 60 AAs: 0.00017
# AP15|new2331_APP8_00178_1270 Total prob of N-in: 0.17211
AP15|new2331_APP8_00178_1270 TMHMM2.0 outside 1 156
```

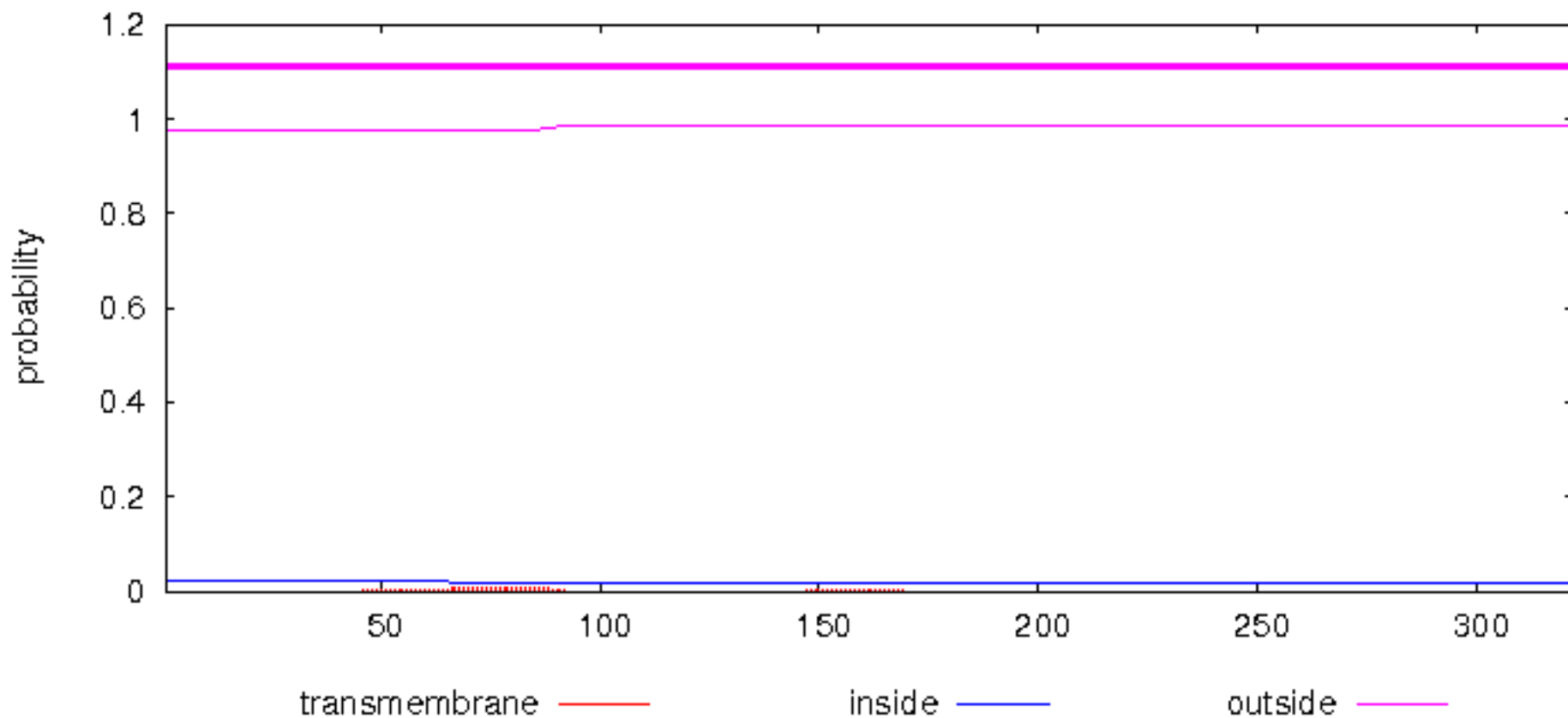
TMHMM posterior probabilities for AP15|new2331_APP8_00178_1270



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00203_1246 Length: 322
# AP15|new2331_APP8_00203_1246 Number of predicted TMHs: 0
# AP15|new2331_APP8_00203_1246 Exp number of AAs in TMHs: 0.20261
# AP15|new2331_APP8_00203_1246 Exp number, first 60 AAs: 0.0029
# AP15|new2331_APP8_00203_1246 Total prob of N-in: 0.02296
AP15|new2331_APP8_00203_1246 TMHMM2.0 outside 1 322
```

TMHMM posterior probabilities for AP15|new2331_APP8_00203_1246

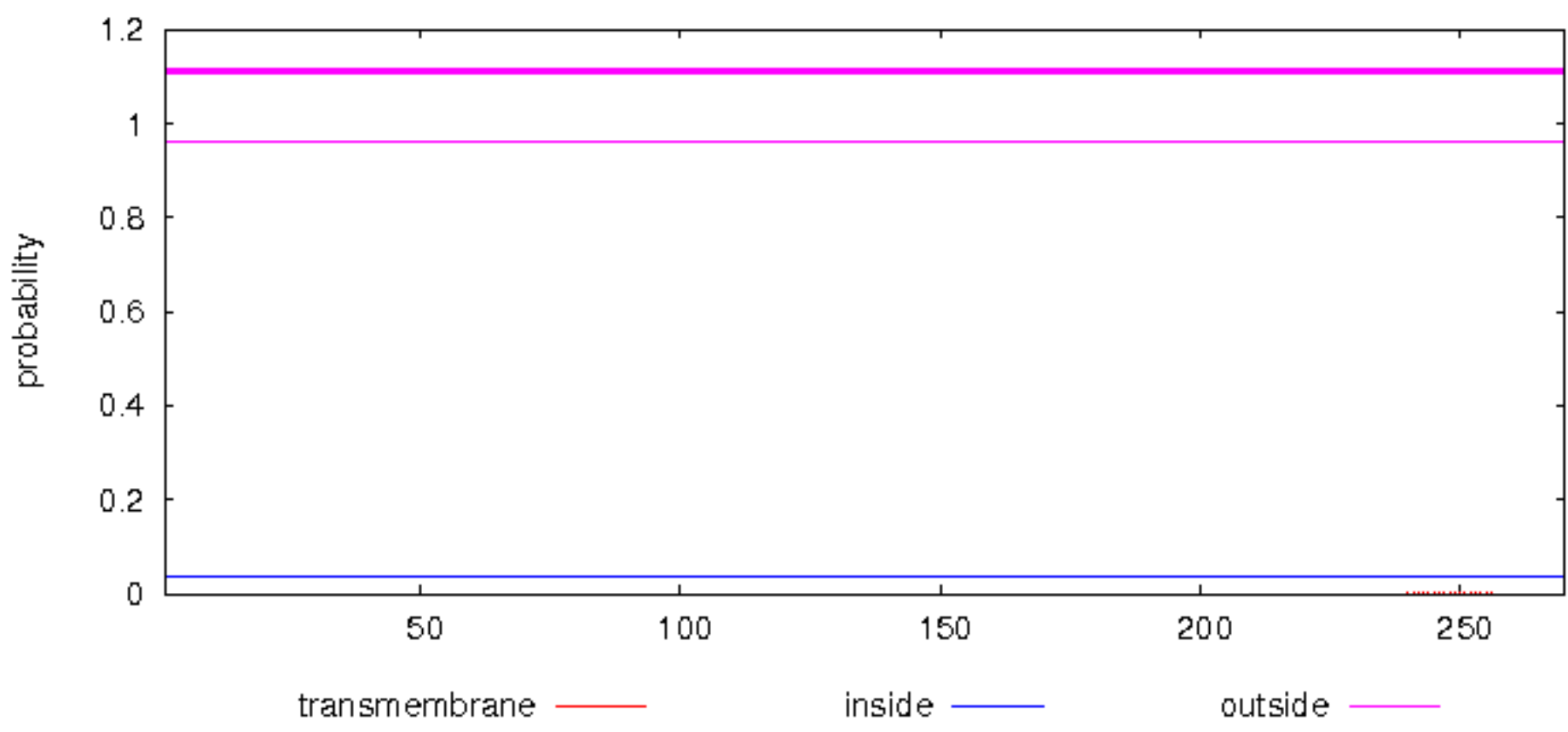


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00762_924 Length: 270
# AP15|new2331_APP8_00762_924 Number of predicted TMHs: 0
# AP15|new2331_APP8_00762_924 Exp number of AAs in TMHs: 0.00344
# AP15|new2331_APP8_00762_924 Exp number, first 60 AAs: 1e-05
```

```
# AP15|new2331_APP8_00762_924 Total prob of N-in: 0.03839
AP15|new2331_APP8_00762_924 TMHMM2.0 outside 1 270
```

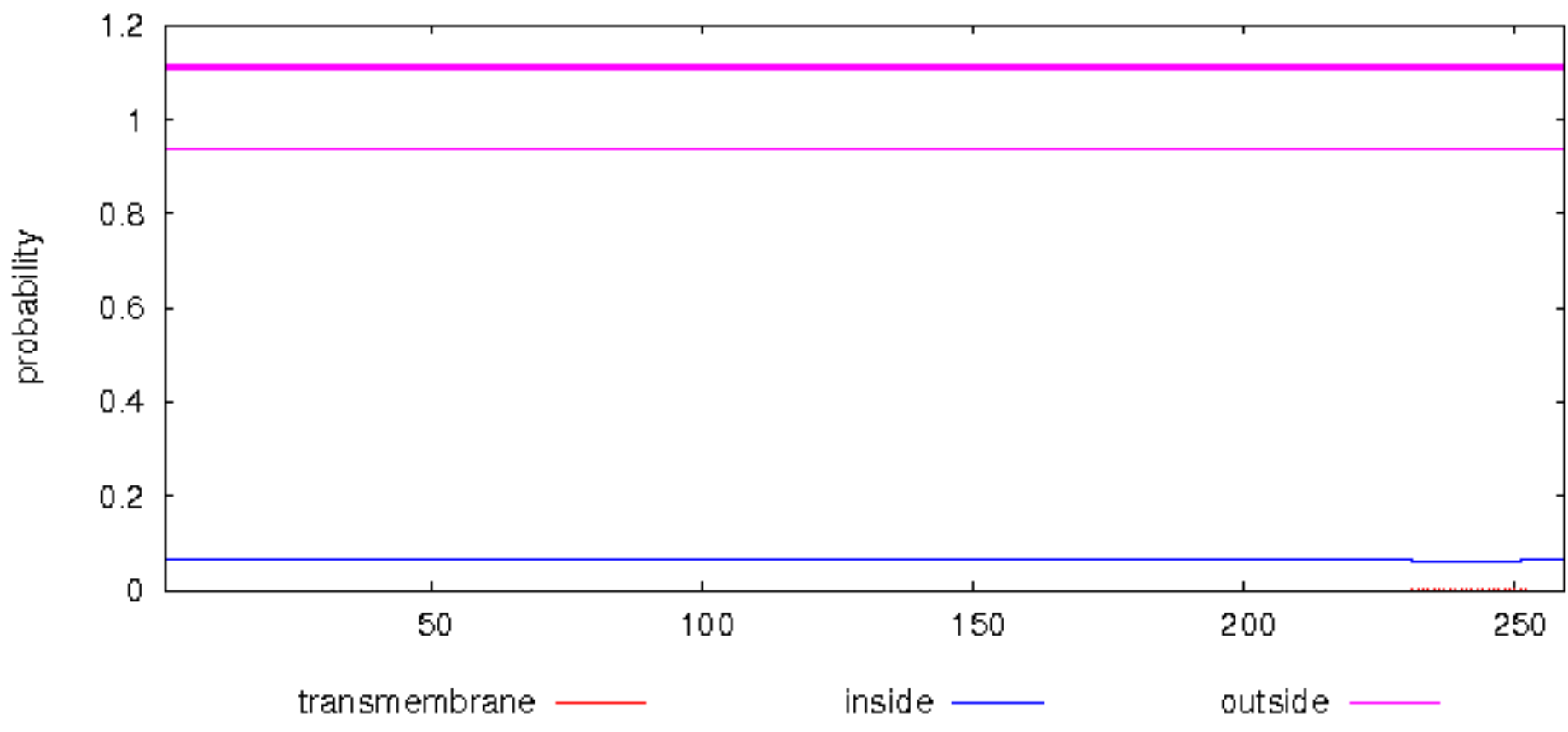
TMHMM posterior probabilities for AP15|new2331_APP8_00762_924



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_01035_763 Length: 259
# AP15|new2331_APP8_01035_763 Number of predicted TMHs: 0
# AP15|new2331_APP8_01035_763 Exp number of AAs in TMHs: 0.0173
# AP15|new2331_APP8_01035_763 Exp number, first 60 AAs: 0.00197
# AP15|new2331_APP8_01035_763 Total prob of N-in: 0.06317
AP15|new2331_APP8_01035_763 TMHMM2.0 outside 1 259
```

TMHMM posterior probabilities for AP15|new2331_APP8_01035_763



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

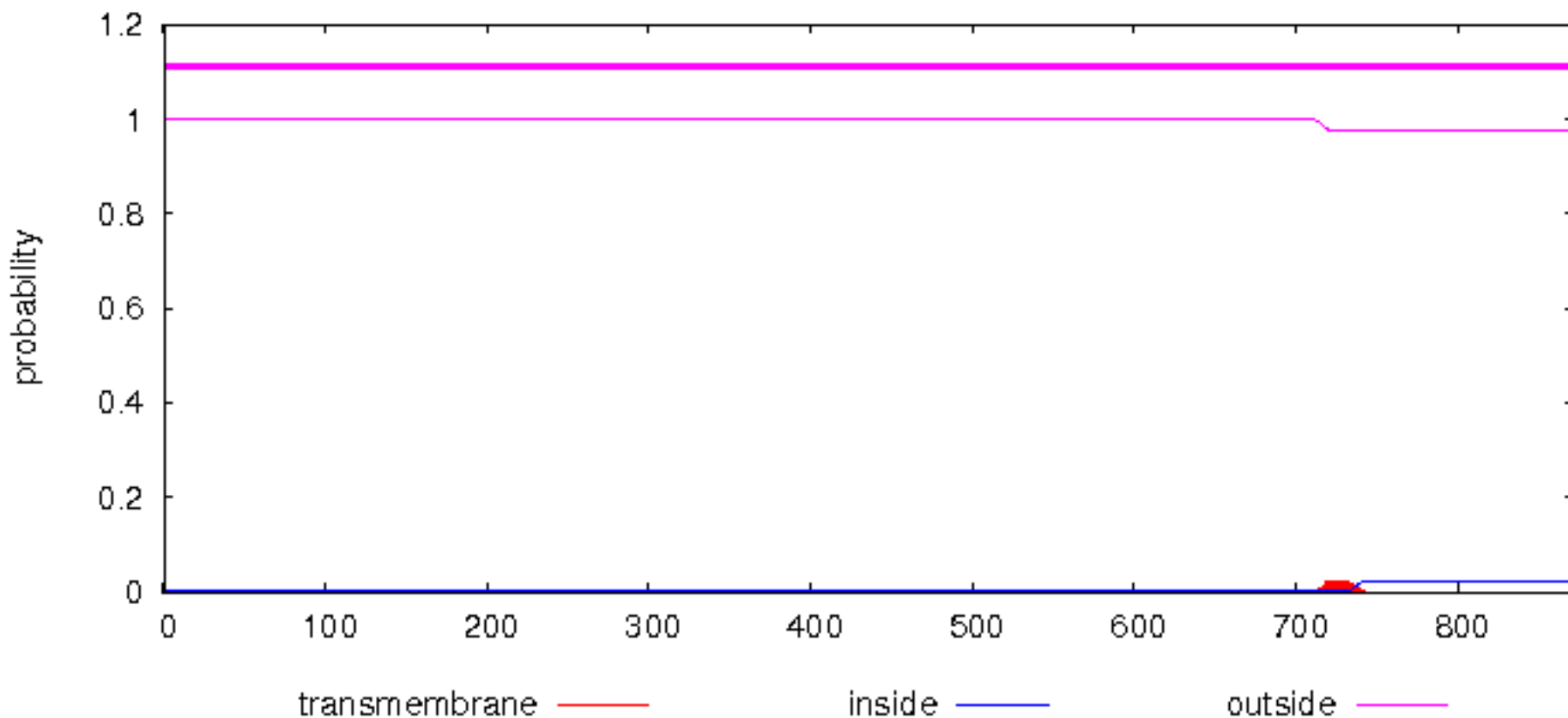
```
# AP15|new2331_APP8_01031_759 Length: 871
```

```

# AP15|new2331_APP8_01031_759 Number of predicted TMHs: 0
# AP15|new2331_APP8_01031_759 Exp number of AAs in TMHs: 0.50368
# AP15|new2331_APP8_01031_759 Exp number, first 60 AAs: 0.00193
# AP15|new2331_APP8_01031_759 Total prob of N-in: 0.00173
AP15|new2331_APP8_01031_759 TMHMM2.0 outside 1 871

```

TMHMM posterior probabilities for AP15|new2331_APP8_01031_759



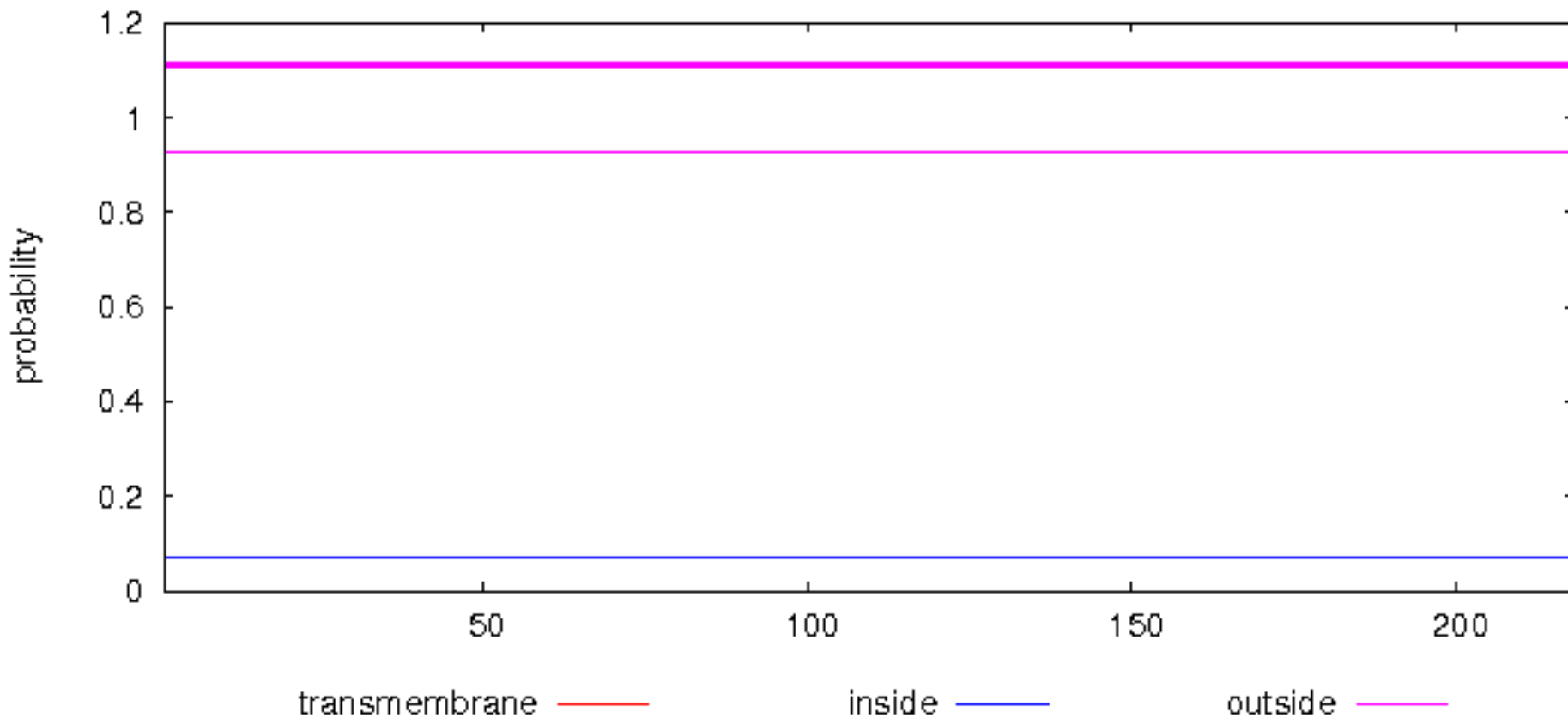
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_01753_407 Length: 218
# AP15|new2331_APP8_01753_407 Number of predicted TMHs: 0
# AP15|new2331_APP8_01753_407 Exp number of AAs in TMHs: 0.0025
# AP15|new2331_APP8_01753_407 Exp number, first 60 AAs: 0
# AP15|new2331_APP8_01753_407 Total prob of N-in: 0.07069
AP15|new2331_APP8_01753_407 TMHMM2.0 outside 1 218

```

TMHMM posterior probabilities for AP15|new2331_APP8_01753_407



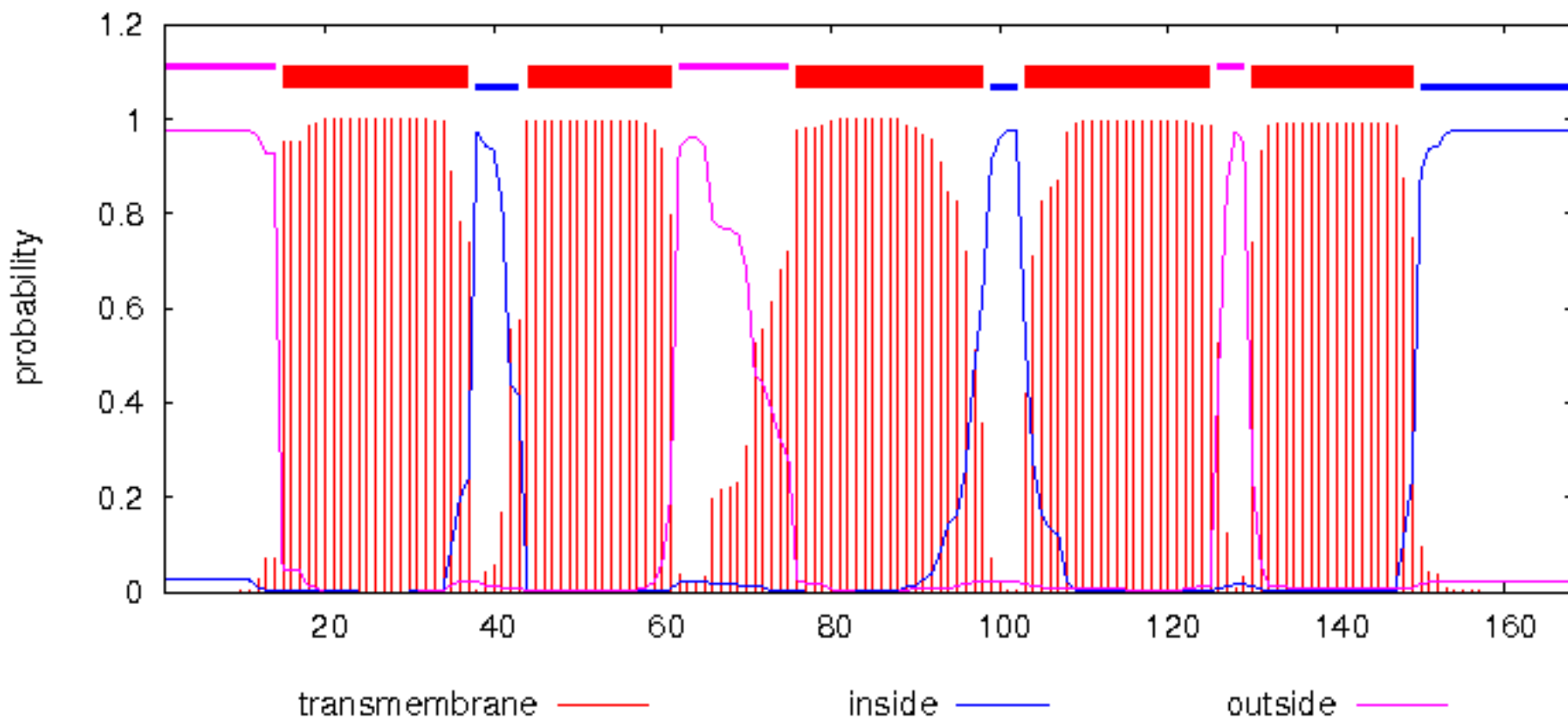
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_00138_1305 Length: 168
# AP15|new2331_APP8_00138_1305 Number of predicted TMHs: 5
# AP15|new2331_APP8_00138_1305 Exp number of AAs in TMHs: 108.44262
# AP15|new2331_APP8_00138_1305 Exp number, first 60 AAs: 40.64513
# AP15|new2331_APP8_00138_1305 Total prob of N-in: 0.02435
# AP15|new2331_APP8_00138_1305 POSSIBLE N-term signal sequence
AP15|new2331_APP8_00138_1305 TMHMM2.0 outside 1 14
AP15|new2331_APP8_00138_1305 TMHMM2.0 TMhelix 15 37
AP15|new2331_APP8_00138_1305 TMHMM2.0 inside 38 43
AP15|new2331_APP8_00138_1305 TMHMM2.0 TMhelix 44 61
AP15|new2331_APP8_00138_1305 TMHMM2.0 outside 62 75
AP15|new2331_APP8_00138_1305 TMHMM2.0 TMhelix 76 98
AP15|new2331_APP8_00138_1305 TMHMM2.0 inside 99 102
AP15|new2331_APP8_00138_1305 TMHMM2.0 TMhelix 103 125
AP15|new2331_APP8_00138_1305 TMHMM2.0 outside 126 129
AP15|new2331_APP8_00138_1305 TMHMM2.0 TMhelix 130 149
AP15|new2331_APP8_00138_1305 TMHMM2.0 inside 150 168

```

TMHMM posterior probabilities for AP15|new2331_APP8_00138_1305



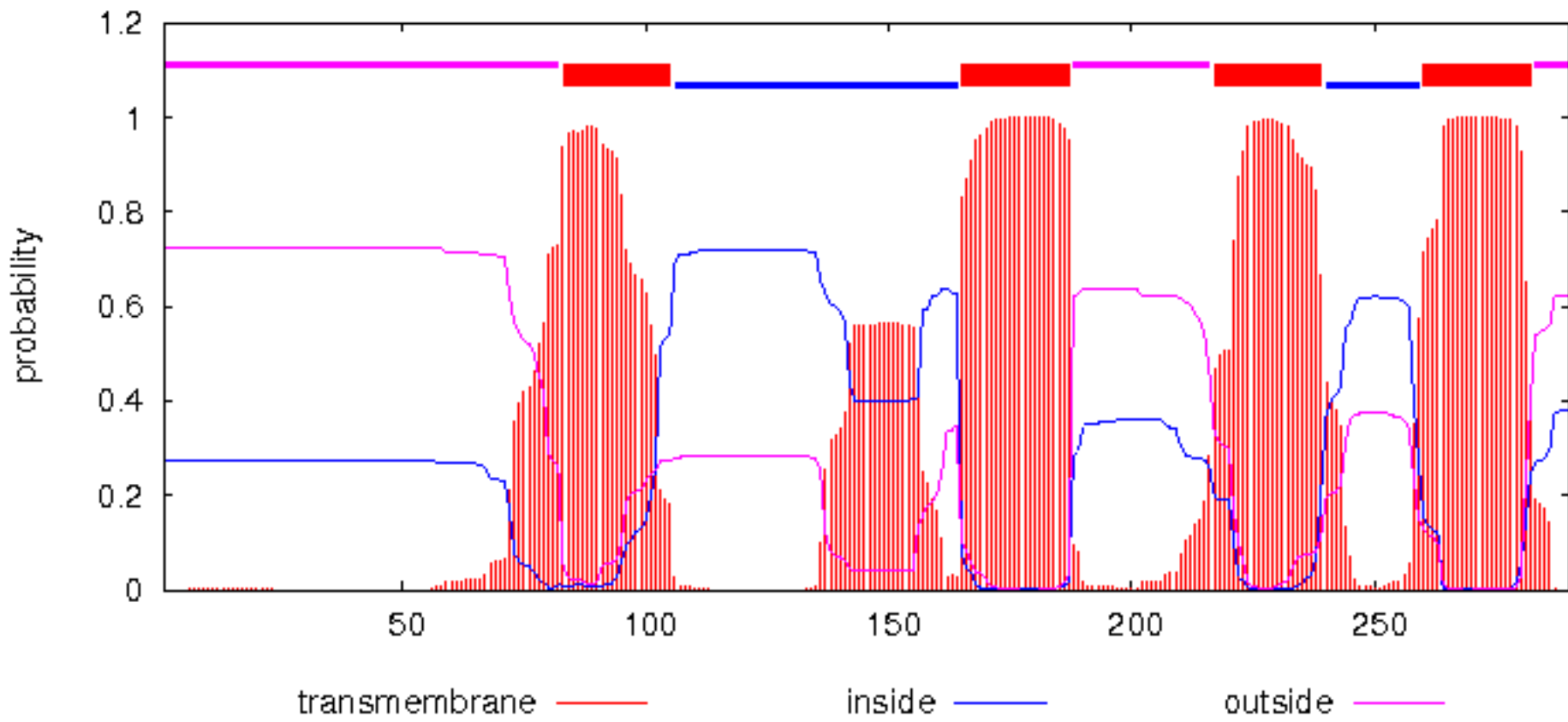
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_01026_754 Length: 290
# AP15|new2331_APP8_01026_754 Number of predicted TMHs: 4
# AP15|new2331_APP8_01026_754 Exp number of AAs in TMHs: 102.20468
# AP15|new2331_APP8_01026_754 Exp number, first 60 AAs: 0.05269
# AP15|new2331_APP8_01026_754 Total prob of N-in: 0.27457
AP15|new2331_APP8_01026_754 TMHMM2.0 outside 1 82
AP15|new2331_APP8_01026_754 TMHMM2.0 TMhelix 83 105
AP15|new2331_APP8_01026_754 TMHMM2.0 inside 106 164
AP15|new2331_APP8_01026_754 TMHMM2.0 TMhelix 165 187
AP15|new2331_APP8_01026_754 TMHMM2.0 outside 188 216
AP15|new2331_APP8_01026_754 TMHMM2.0 TMhelix 217 239
AP15|new2331_APP8_01026_754 TMHMM2.0 inside 240 259
AP15|new2331_APP8_01026_754 TMHMM2.0 TMhelix 260 282
AP15|new2331_APP8_01026_754 TMHMM2.0 outside 283 290

```

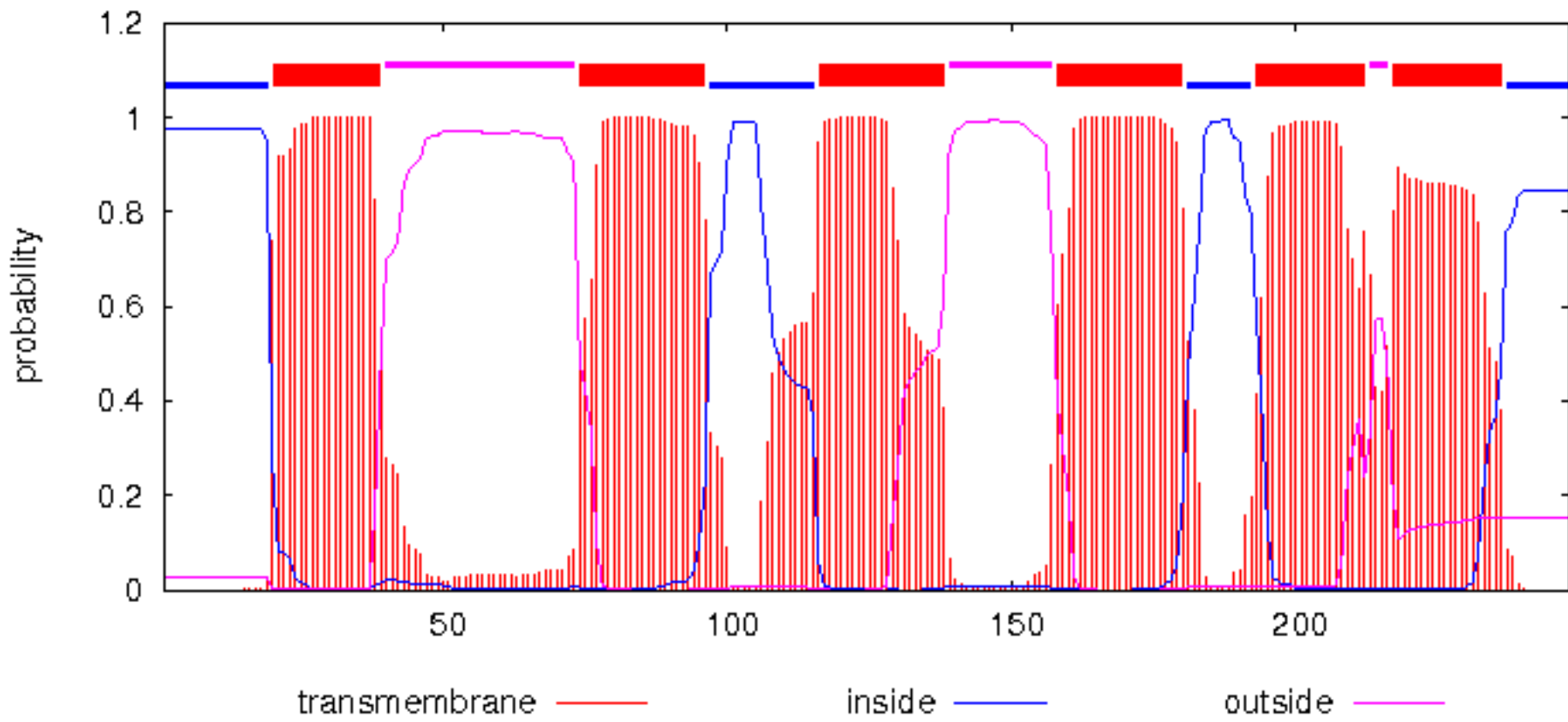
TMHMM posterior probabilities for AP15|new2331_APP8_01026_754



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_02182_553 Length: 248
# AP15|new2331_APP8_02182_553 Number of predicted TMHs: 6
# AP15|new2331_APP8_02182_553 Exp number of AAs in TMHs: 125.84583
# AP15|new2331_APP8_02182_553 Exp number, first 60 AAs: 20.36722
# AP15|new2331_APP8_02182_553 Total prob of N-in: 0.97475
# AP15|new2331_APP8_02182_553 POSSIBLE N-term signal sequence
AP15|new2331_APP8_02182_553 TMHMM2.0 inside 1 19
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 20 39
AP15|new2331_APP8_02182_553 TMHMM2.0 outside 40 73
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 74 96
AP15|new2331_APP8_02182_553 TMHMM2.0 inside 97 115
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 116 138
AP15|new2331_APP8_02182_553 TMHMM2.0 outside 139 157
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 158 180
AP15|new2331_APP8_02182_553 TMHMM2.0 inside 181 192
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 193 212
AP15|new2331_APP8_02182_553 TMHMM2.0 outside 213 216
AP15|new2331_APP8_02182_553 TMHMM2.0 TMhelix 217 236
AP15|new2331_APP8_02182_553 TMHMM2.0 inside 237 248
```

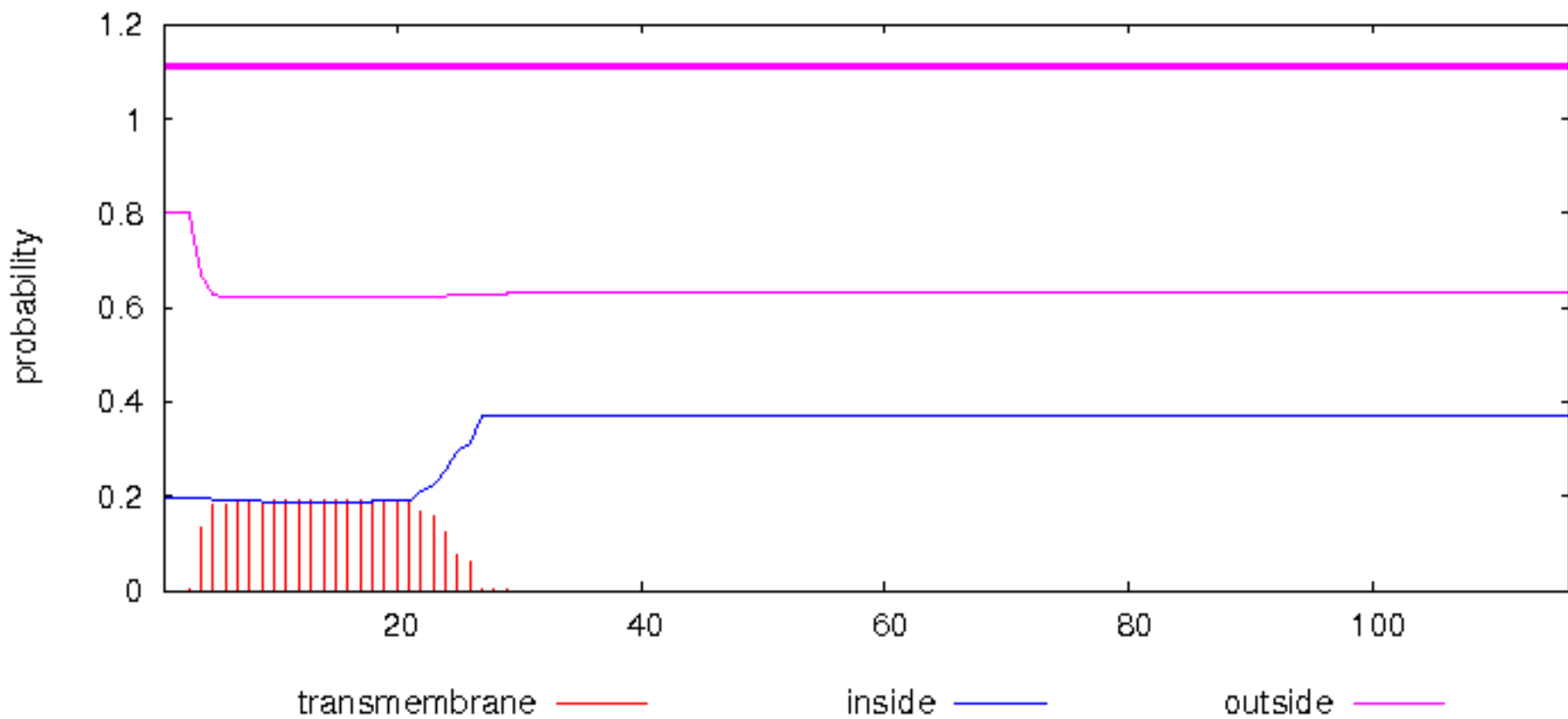
TMHMM posterior probabilities for AP15|new2331_APP8_02182_553



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_01078_1723 Length: 116
# AP15|new2331_APP8_01078_1723 Number of predicted TMHs: 0
# AP15|new2331_APP8_01078_1723 Exp number of AAs in TMHs: 3.92068
# AP15|new2331_APP8_01078_1723 Exp number, first 60 AAs: 3.92068
# AP15|new2331_APP8_01078_1723 Total prob of N-in: 0.19713
AP15|new2331_APP8_01078_1723 TMHMM2.0 outside 1 116
```

TMHMM posterior probabilities for AP15|new2331_APP8_01078_1723

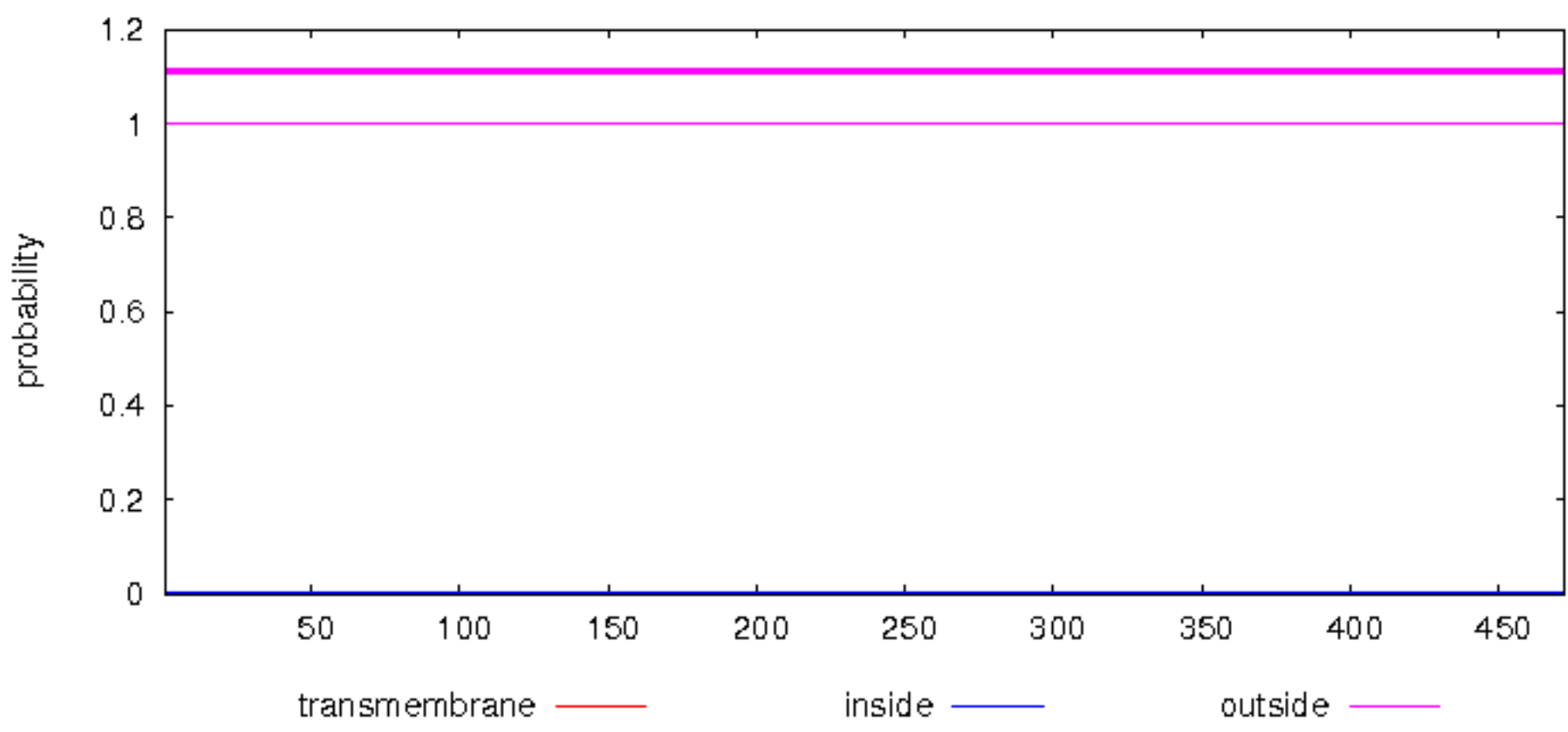


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00933_1620 Length: 472
# AP15|new2331_APP8_00933_1620 Number of predicted TMHs: 0
# AP15|new2331_APP8_00933_1620 Exp number of AAs in TMHs: 0.00187
# AP15|new2331_APP8_00933_1620 Exp number, first 60 AAs: 0.00018
```

```
# AP15|new2331_APP8_00933_1620 Total prob of N-in: 0.00021
AP15|new2331_APP8_00933_1620 TMHMM2.0 outside 1 472
```

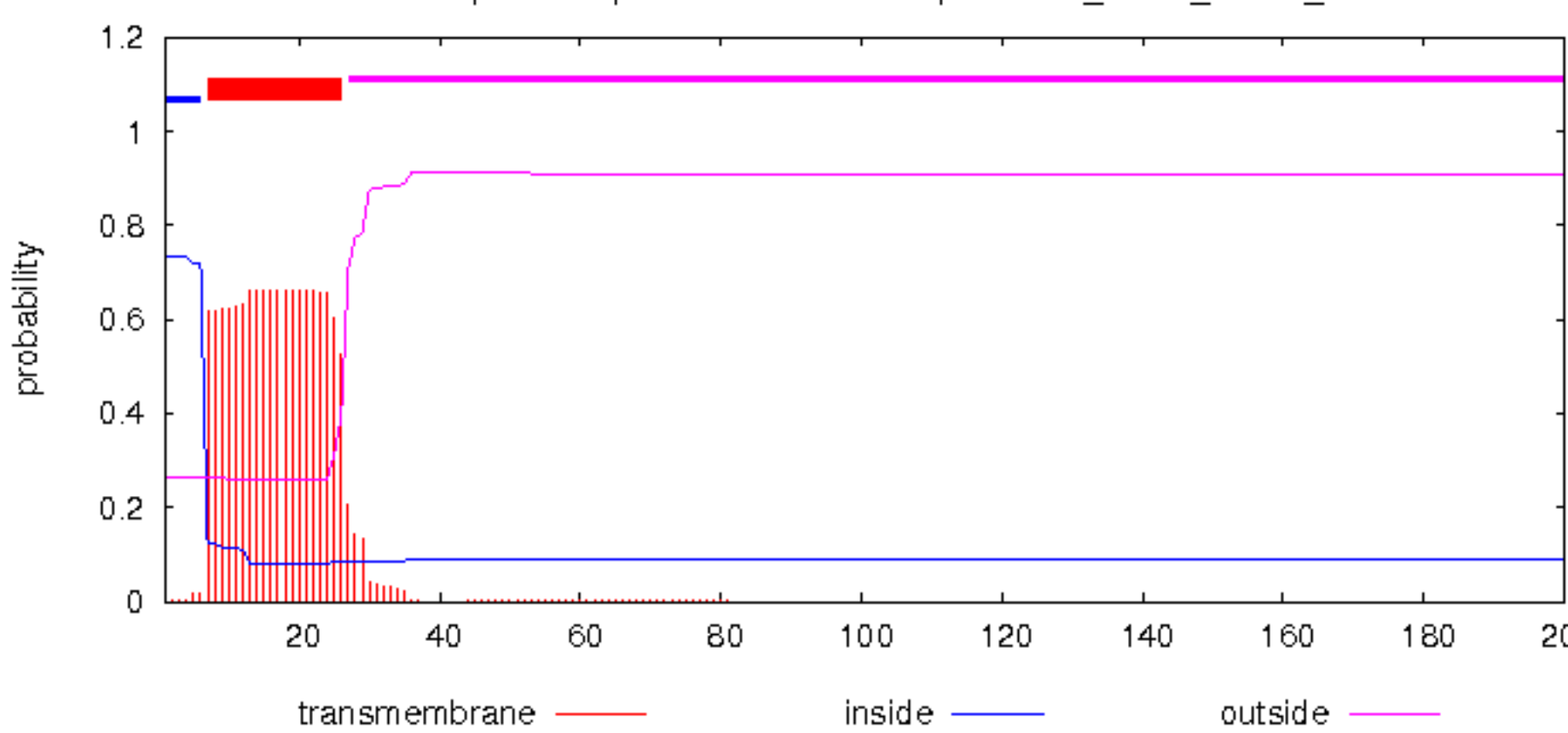
TMHMM posterior probabilities for AP15|new2331_APP8_00933_1620



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00382_1155 Length: 200
# AP15|new2331_APP8_00382_1155 Number of predicted TMHs: 1
# AP15|new2331_APP8_00382_1155 Exp number of AAs in TMHs: 13.53402
# AP15|new2331_APP8_00382_1155 Exp number, first 60 AAs: 13.50231
# AP15|new2331_APP8_00382_1155 Total prob of N-in: 0.73477
# AP15|new2331_APP8_00382_1155 POSSIBLE N-term signal sequence
AP15|new2331_APP8_00382_1155 TMHMM2.0 inside 1 6
AP15|new2331_APP8_00382_1155 TMHMM2.0 TMhelix 7 26
AP15|new2331_APP8_00382_1155 TMHMM2.0 outside 27 200
```

TMHMM posterior probabilities for AP15|new2331_APP8_00382_1155



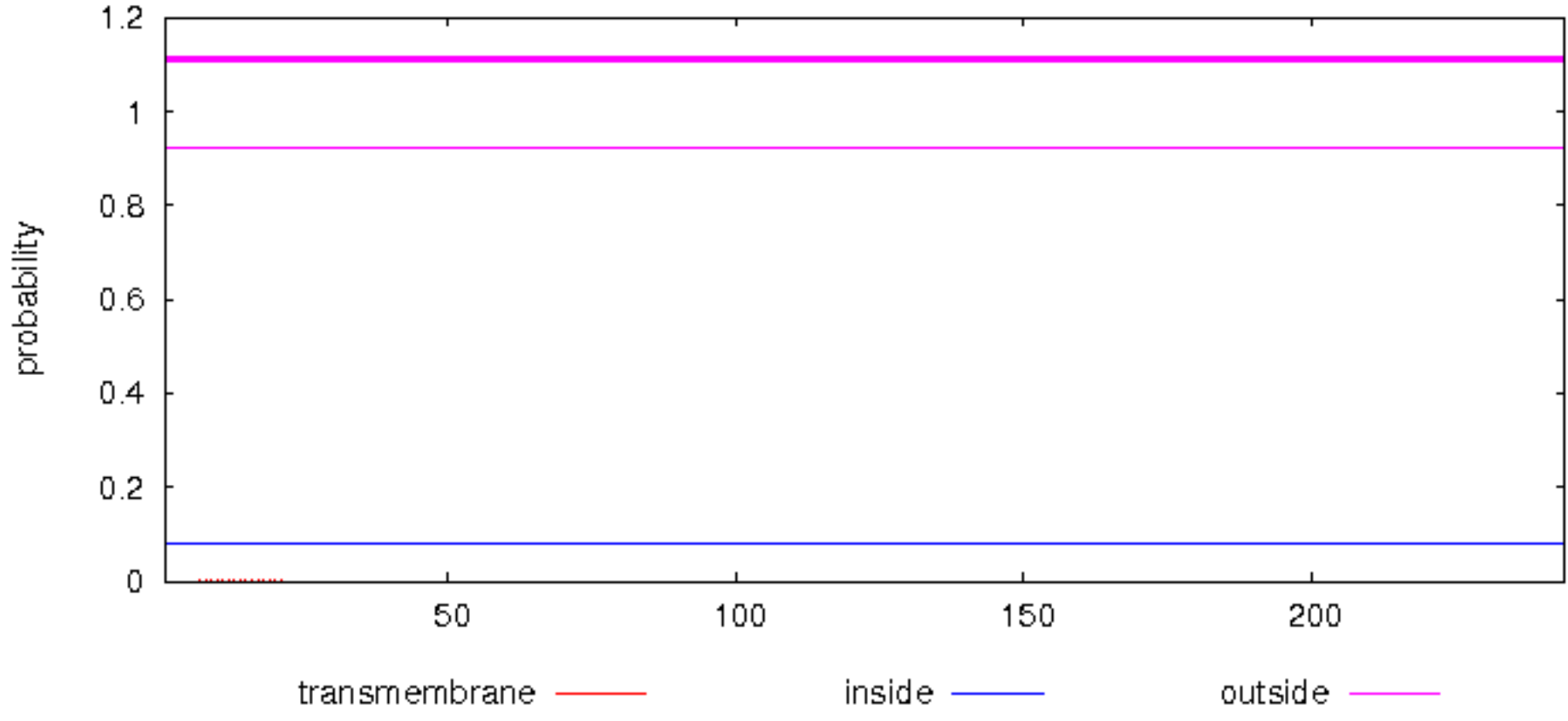
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot


```

# AP15|new2331_APP8_01477_1563 Length: 244
# AP15|new2331_APP8_01477_1563 Number of predicted TMHs: 0
# AP15|new2331_APP8_01477_1563 Exp number of AAs in TMHs: 0.00684
# AP15|new2331_APP8_01477_1563 Exp number, first 60 AAs: 0.00405
# AP15|new2331_APP8_01477_1563 Total prob of N-in: 0.07854
AP15|new2331_APP8_01477_1563 TMHMM2.0 outside 1 244

```

TMHMM posterior probabilities for AP15|new2331_APP8_01477_1563



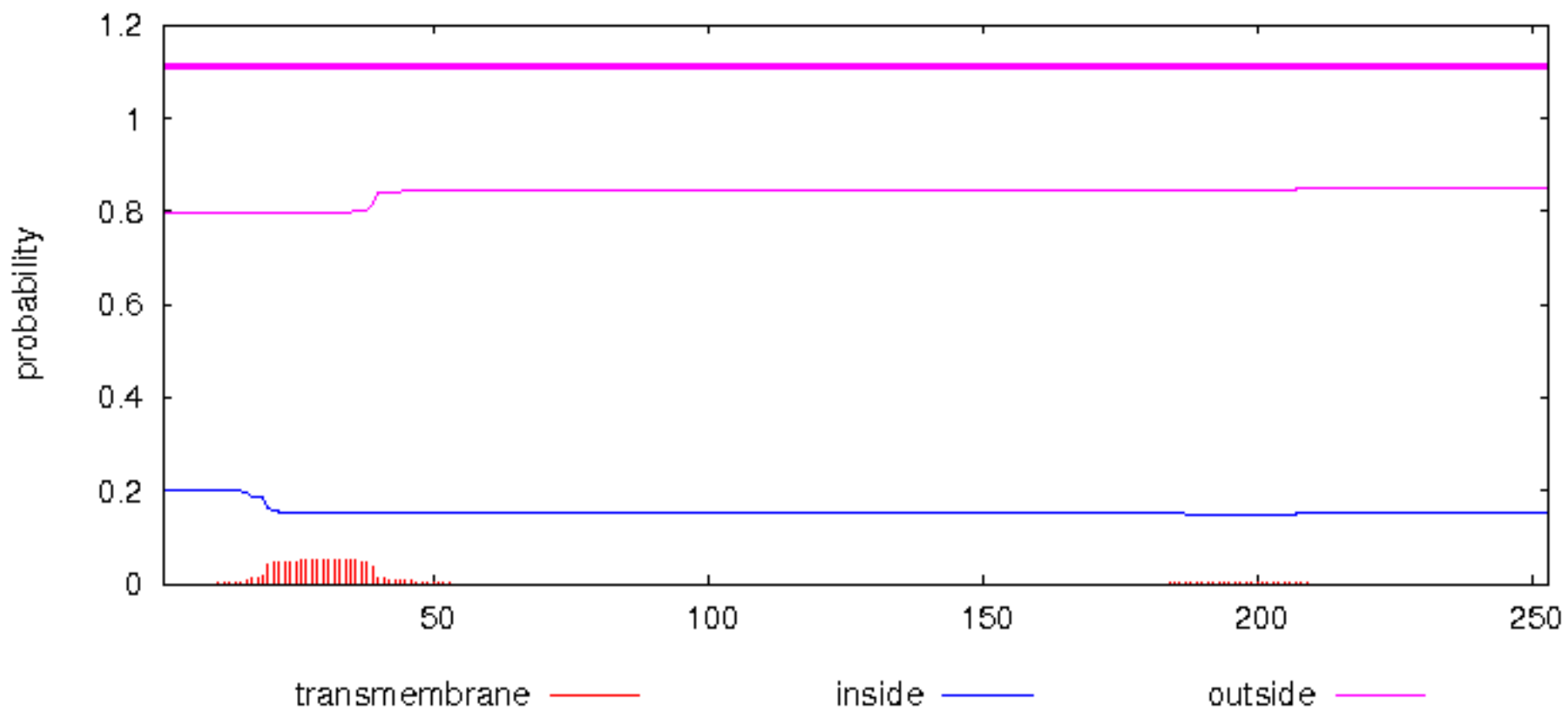
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_00717_959 Length: 253
# AP15|new2331_APP8_00717_959 Number of predicted TMHs: 0
# AP15|new2331_APP8_00717_959 Exp number of AAs in TMHs: 1.15181
# AP15|new2331_APP8_00717_959 Exp number, first 60 AAs: 1.08321
# AP15|new2331_APP8_00717_959 Total prob of N-in: 0.20091
AP15|new2331_APP8_00717_959 TMHMM2.0 outside 1 253

```

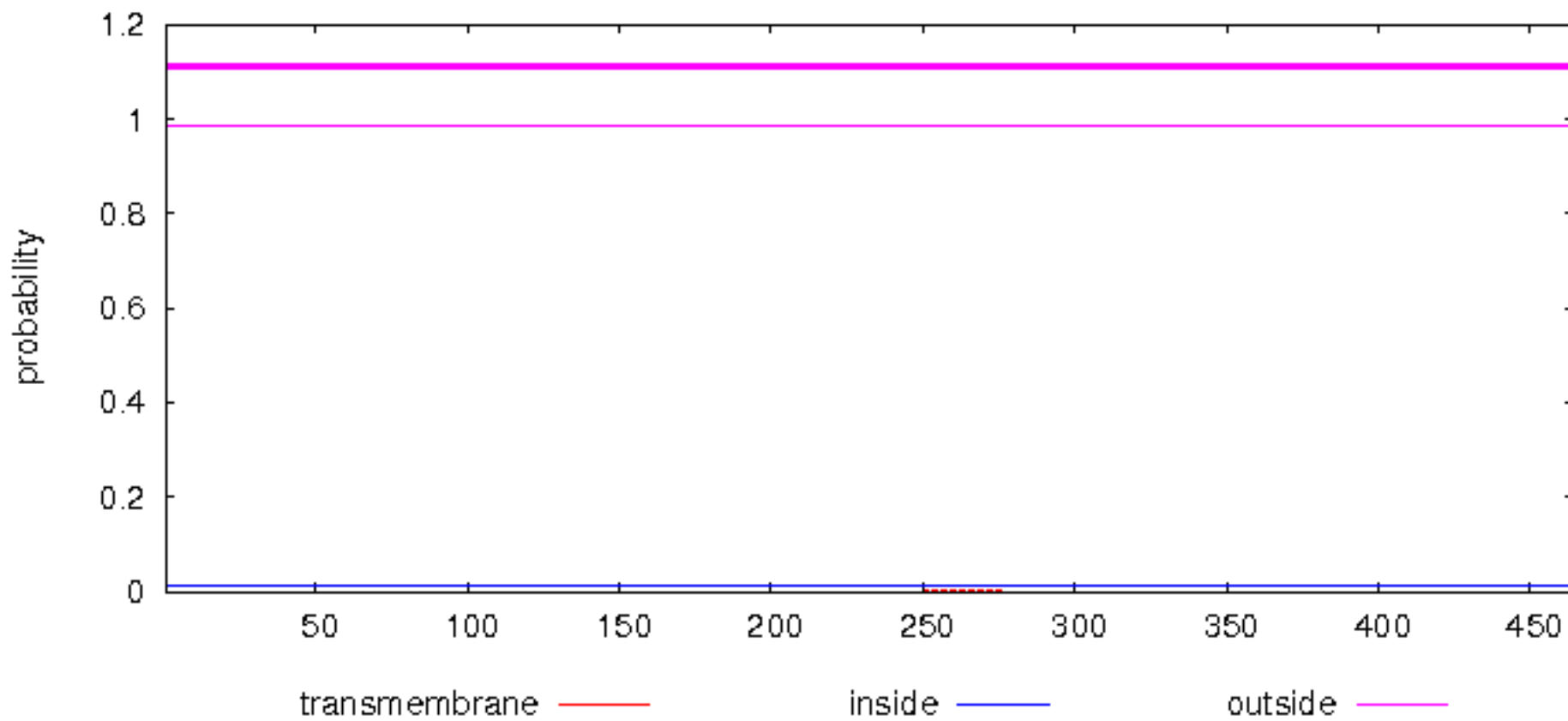
TMHMM posterior probabilities for AP15|new2331_APP8_00717_959



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_00890_838 Length: 464
# AP15|new2331_APP8_00890_838 Number of predicted TMHs: 0
# AP15|new2331_APP8_00890_838 Exp number of AAs in TMHs: 0.02327
# AP15|new2331_APP8_00890_838 Exp number, first 60 AAs: 0.00107
# AP15|new2331_APP8_00890_838 Total prob of N-in: 0.01229
AP15|new2331_APP8_00890_838 TMHMM2.0 outside 1 464
```

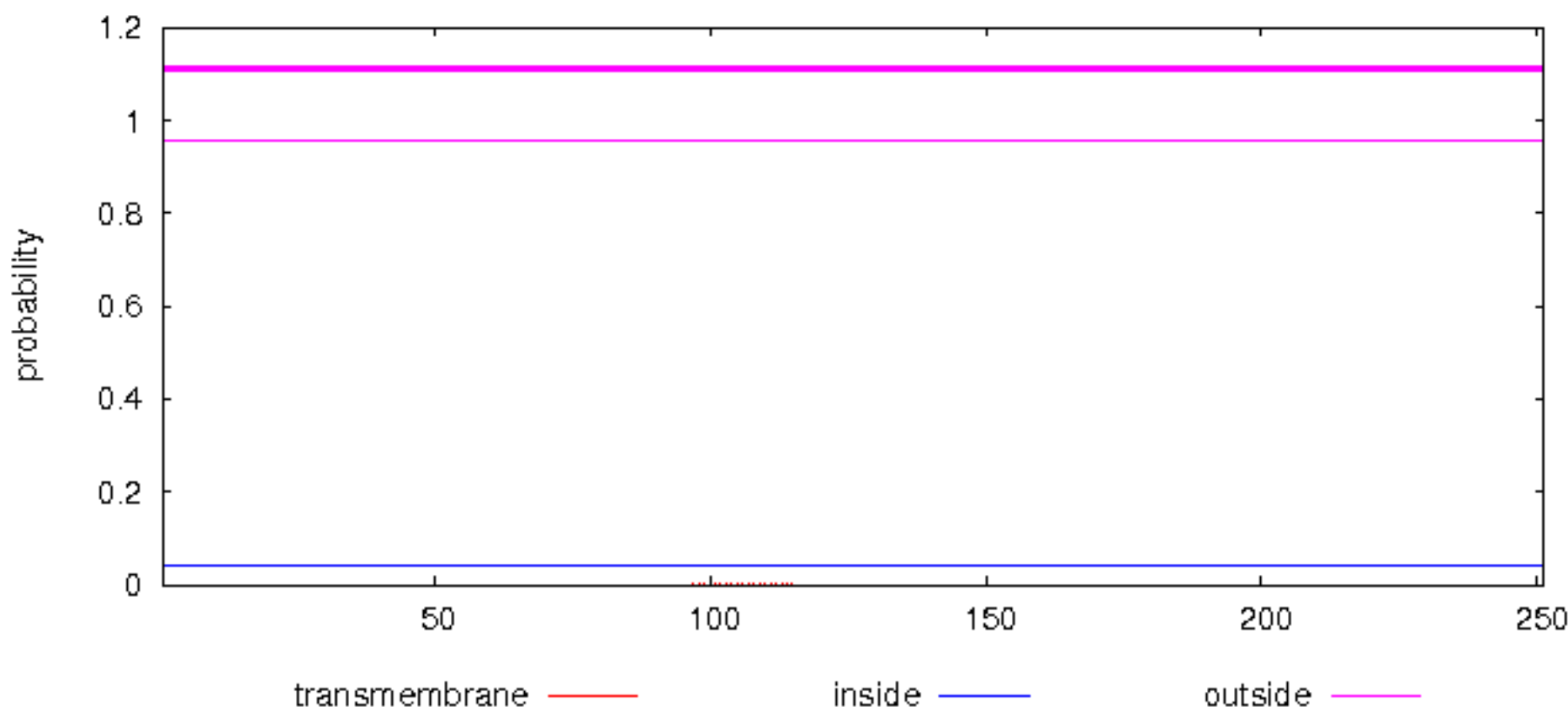
TMHMM posterior probabilities for AP15|new2331_APP8_00890_838



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_02063_1372 Length: 251
# AP15|new2331_APP8_02063_1372 Number of predicted TMHs: 0
# AP15|new2331_APP8_02063_1372 Exp number of AAs in TMHs: 0.00579
# AP15|new2331_APP8_02063_1372 Exp number, first 60 AAs: 0.00024
# AP15|new2331_APP8_02063_1372 Total prob of N-in: 0.04165
AP15|new2331_APP8_02063_1372 TMHMM2.0 outside 1 251
```

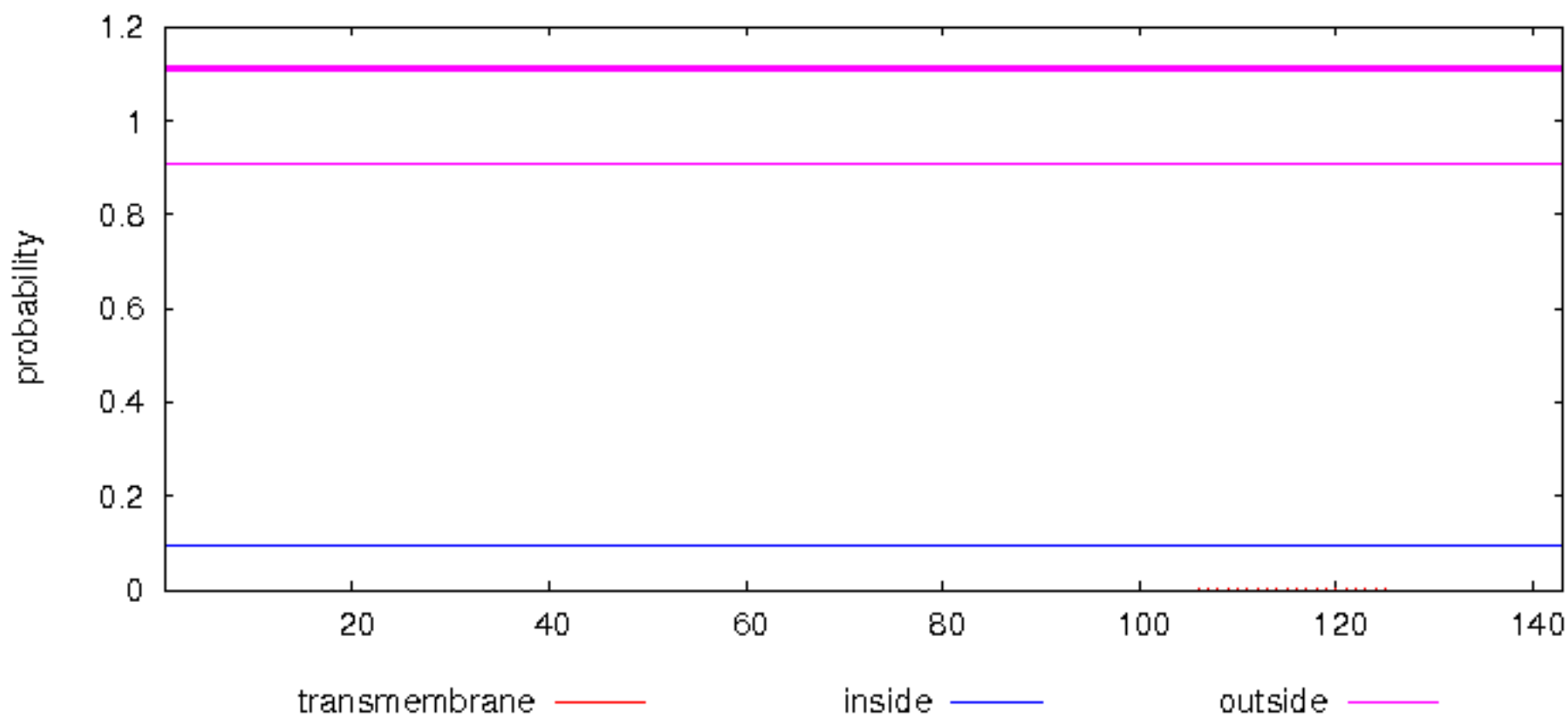
TMHMM posterior probabilities for AP15|new2331_APP8_02063_1372



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_02011_472 Length: 143
# AP15|new2331_APP8_02011_472 Number of predicted TMHs: 0
# AP15|new2331_APP8_02011_472 Exp number of AAs in TMHs: 0.0065
# AP15|new2331_APP8_02011_472 Exp number, first 60 AAs: 0.00019
# AP15|new2331_APP8_02011_472 Total prob of N-in: 0.09294
AP15|new2331_APP8_02011_472 TMHMM2.0 outside 1 143
```

TMHMM posterior probabilities for AP15|new2331_APP8_02011_472

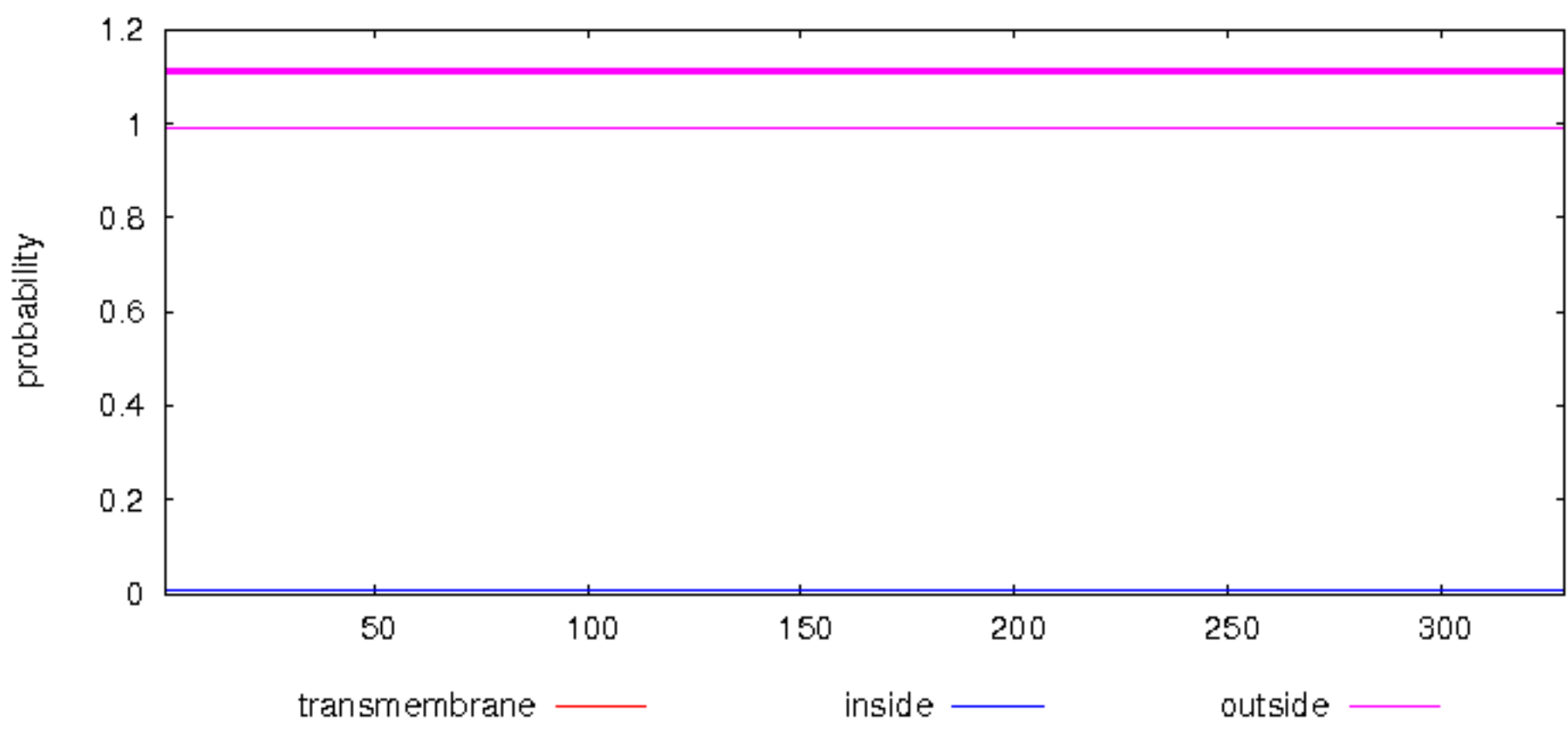


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_01963_253 Length: 329
# AP15|new2331_APP8_01963_253 Number of predicted TMHs: 0
# AP15|new2331_APP8_01963_253 Exp number of AAs in TMHs: 0.0002
# AP15|new2331_APP8_01963_253 Exp number, first 60 AAs: 0.00016
```

```
# AP15|new2331_APP8_01963_253 Total prob of N-in: 0.00976
AP15|new2331_APP8_01963_253 TMHMM2.0 outside 1 329
```

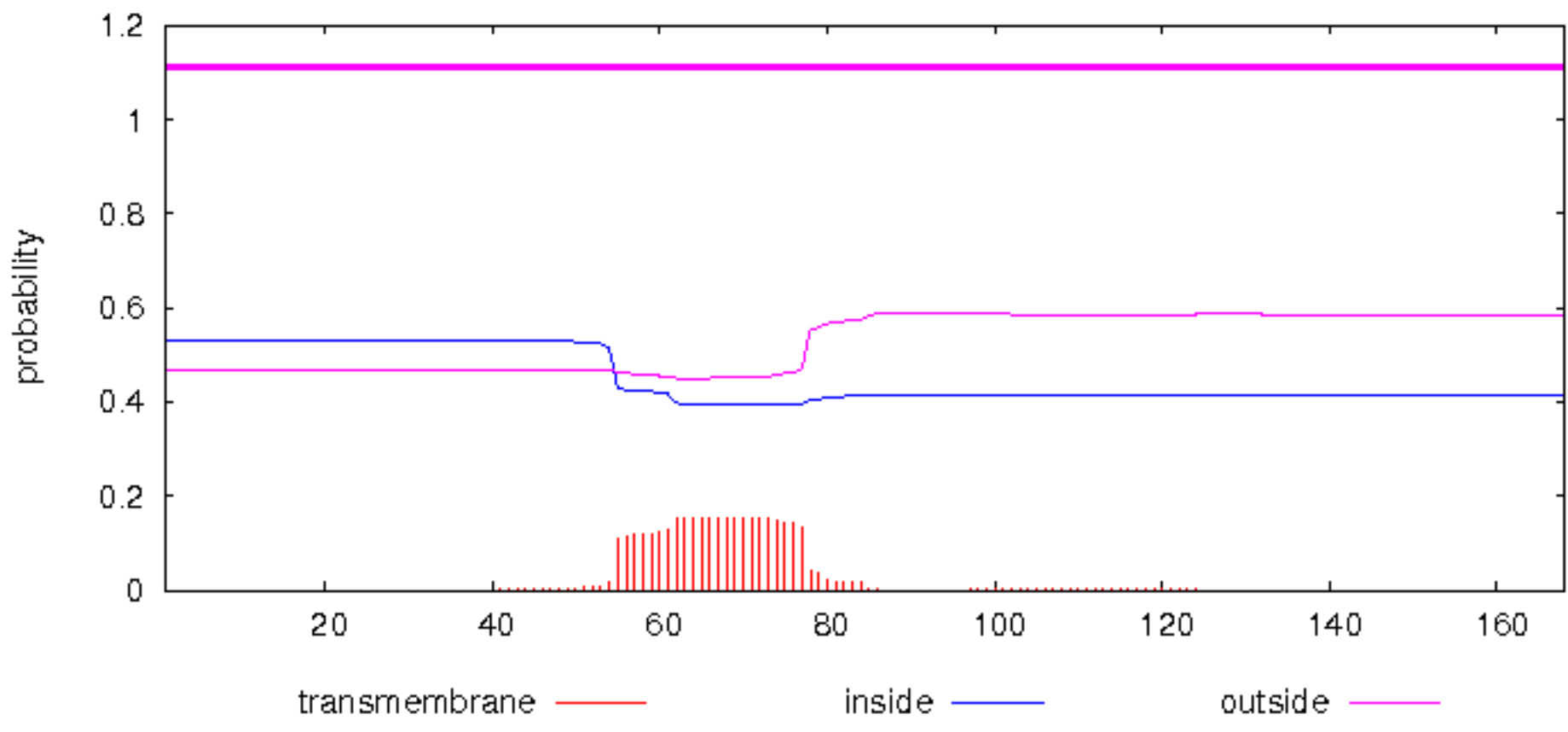
TMHMM posterior probabilities for AP15|new2331_APP8_01963_253



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_01385_1549 Length: 168
# AP15|new2331_APP8_01385_1549 Number of predicted TMHs: 0
# AP15|new2331_APP8_01385_1549 Exp number of AAs in TMHs: 3.48039
# AP15|new2331_APP8_01385_1549 Exp number, first 60 AAs: 0.75385
# AP15|new2331_APP8_01385_1549 Total prob of N-in: 0.53103
AP15|new2331_APP8_01385_1549 TMHMM2.0 outside 1 168
```

TMHMM posterior probabilities for AP15|new2331_APP8_01385_1549



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

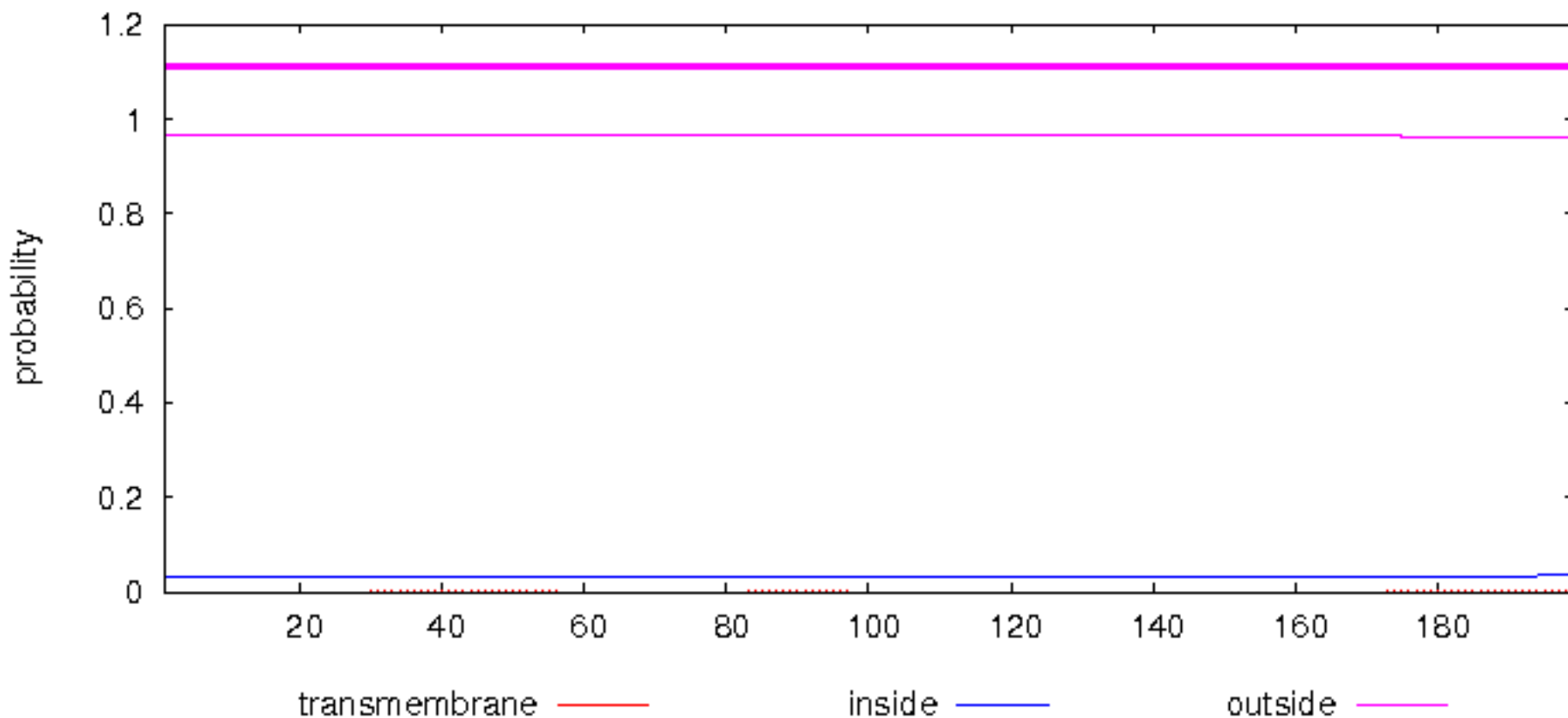
```
# AP15|new2331_APP8_01976_240 Length: 199
```

```

# AP15|new2331_APP8_01976_240 Number of predicted TMHs: 0
# AP15|new2331_APP8_01976_240 Exp number of AAs in TMHs: 0.10924
# AP15|new2331_APP8_01976_240 Exp number, first 60 AAs: 0.02771
# AP15|new2331_APP8_01976_240 Total prob of N-in: 0.03278
AP15|new2331_APP8_01976_240 TMHMM2.0 outside 1 199

```

TMHMM posterior probabilities for AP15|new2331_APP8_01976_240



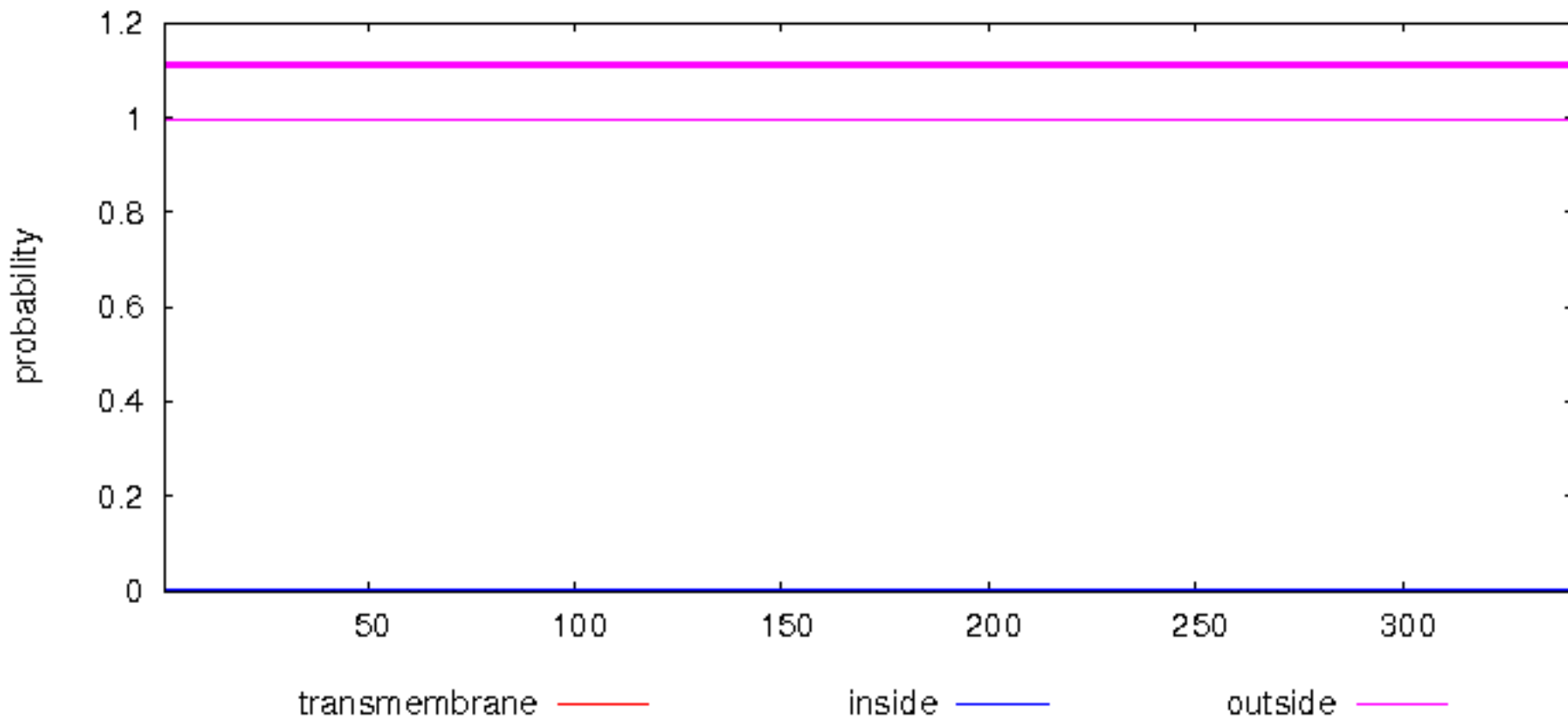
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_00885_842 Length: 341
# AP15|new2331_APP8_00885_842 Number of predicted TMHs: 0
# AP15|new2331_APP8_00885_842 Exp number of AAs in TMHs: 0.00802
# AP15|new2331_APP8_00885_842 Exp number, first 60 AAs: 0.00771
# AP15|new2331_APP8_00885_842 Total prob of N-in: 0.00431
AP15|new2331_APP8_00885_842 TMHMM2.0 outside 1 341

```

TMHMM posterior probabilities for AP15|new2331_APP8_00885_842



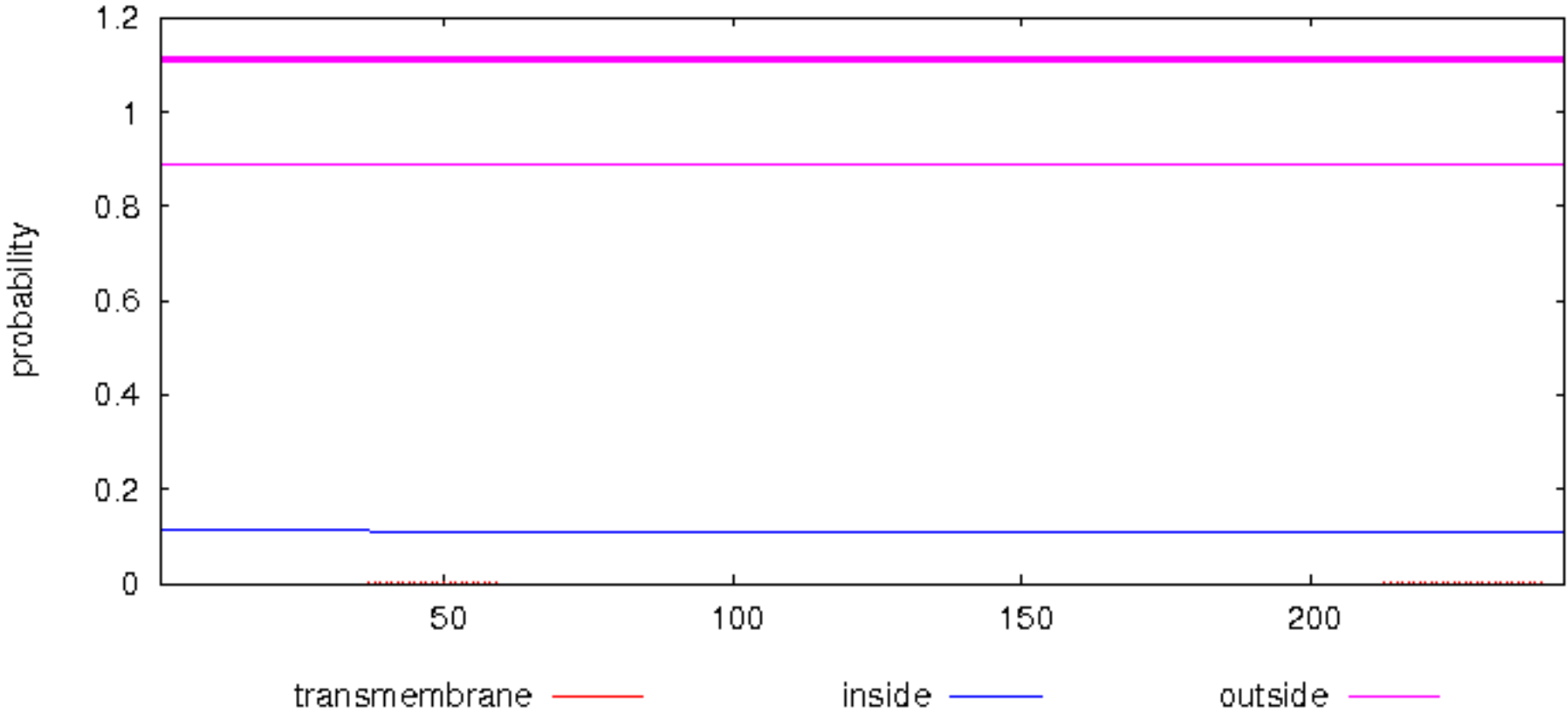
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_01587_696 Length: 244
# AP15|new2331_APP8_01587_696 Number of predicted TMHs: 0
# AP15|new2331_APP8_01587_696 Exp number of AAs in TMHs: 0.04566
# AP15|new2331_APP8_01587_696 Exp number, first 60 AAs: 0.03863
# AP15|new2331_APP8_01587_696 Total prob of N-in: 0.11218
AP15|new2331_APP8_01587_696 TMHMM2.0 outside 1 244

```

TMHMM posterior probabilities for AP15|new2331_APP8_01587_696



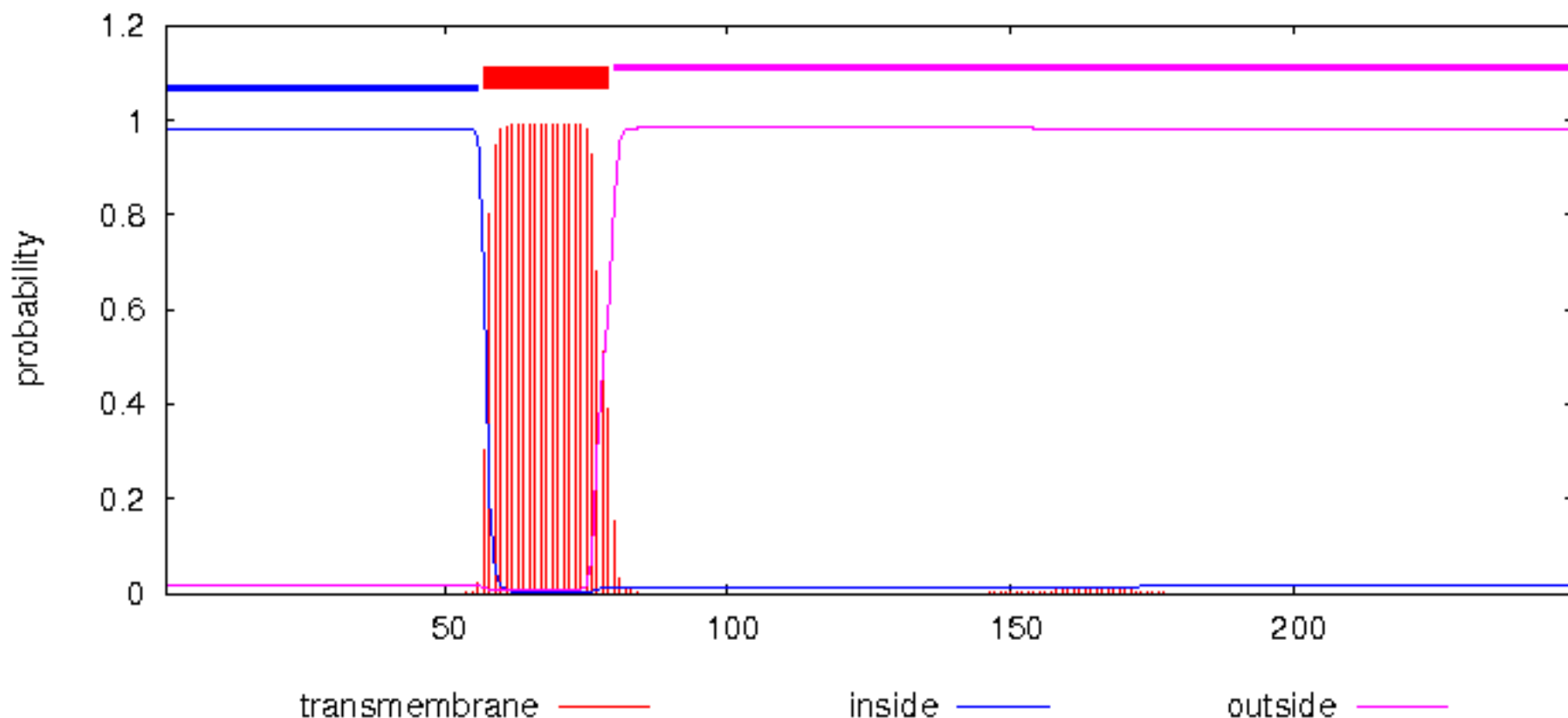
[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```

# AP15|new2331_APP8_01069_791 Length: 249
# AP15|new2331_APP8_01069_791 Number of predicted TMHs: 1
# AP15|new2331_APP8_01069_791 Exp number of AAs in TMHs: 20.73173
# AP15|new2331_APP8_01069_791 Exp number, first 60 AAs: 3.05584
# AP15|new2331_APP8_01069_791 Total prob of N-in: 0.98323
AP15|new2331_APP8_01069_791 TMHMM2.0 inside 1 56
AP15|new2331_APP8_01069_791 TMHMM2.0 TMhelix 57 79
AP15|new2331_APP8_01069_791 TMHMM2.0 outside 80 249

```

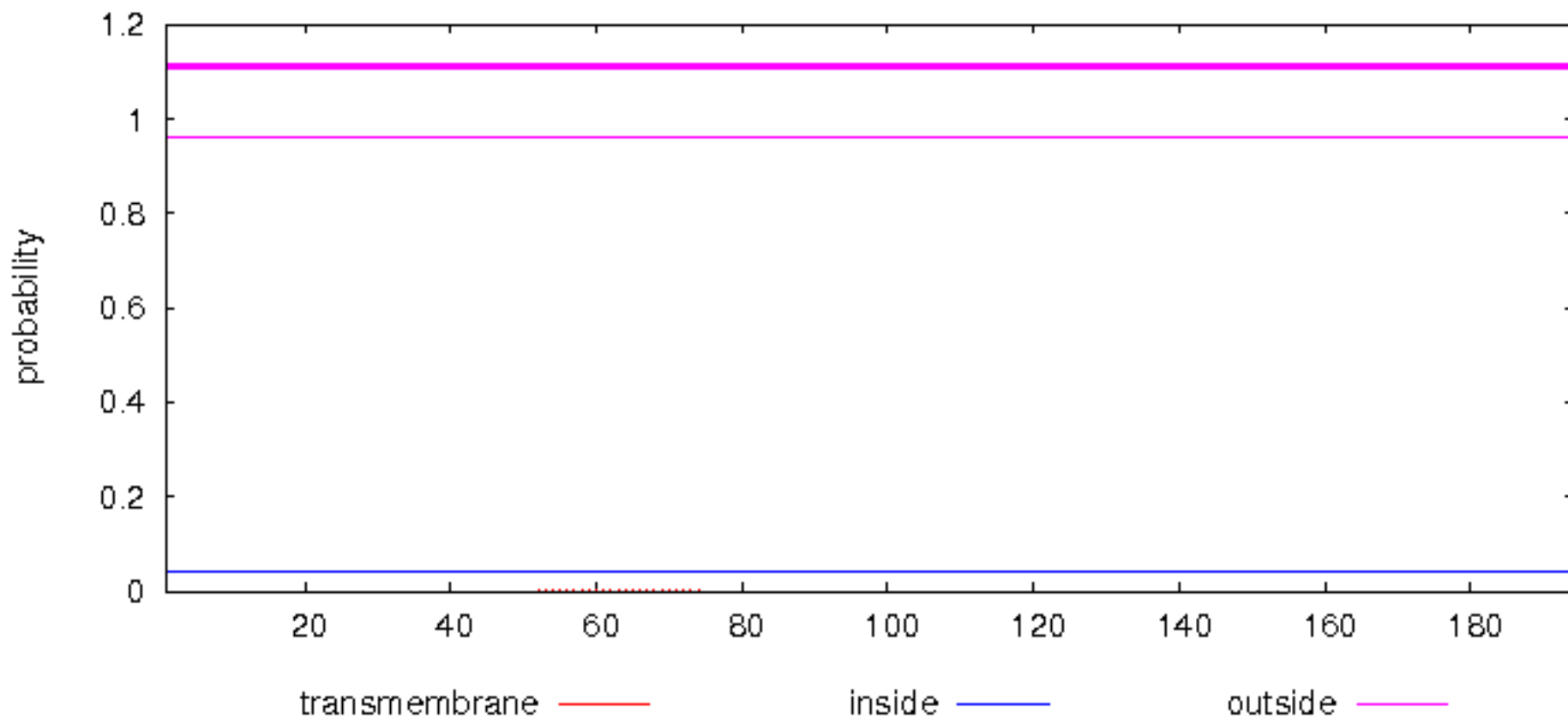
TMHMM posterior probabilities for AP15|new2331_APP8_01069_791



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

```
# AP15|new2331_APP8_02015_468 Length: 194
# AP15|new2331_APP8_02015_468 Number of predicted TMHs: 0
# AP15|new2331_APP8_02015_468 Exp number of AAs in TMHs: 0.01502
# AP15|new2331_APP8_02015_468 Exp number, first 60 AAs: 0.00472
# AP15|new2331_APP8_02015_468 Total prob of N-in: 0.03902
AP15|new2331_APP8_02015_468 TMHMM2.0 outside 1 194
```

TMHMM posterior probabilities for AP15|new2331_APP8_02015_468



[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot