```
CLUSTAL 2.1 multiple sequence alignment


SyFV-3_U1a      MEIPLD----DFIQ--YSDQSFFDPLYNPLLN----QNHSSYS-HSSKAVTHIILIIFLL
WHFV2_U1a       MNSLYDQEAEDLFNSLVSNGTHSVPLDTSFVSNISVSGGSSTELPSSHNHLFNIFLVFLI
                *:   *     *:::   *: :.  **  ..::.    . ** .  **:   . *:::**:


SyFV-3_U1a      IV-FHLIQISNTLIQSSCTTIMD-TLS-LLTNQTLR-ILHNLI
WHFV2_U1a       IVTFLAIWTTIQILAKSKKVRVDGSRSSEQGGVRSRNQDVNHV
                ** *: *  :  :: .* .. :* : *   . *    * :

# SyFV-3_U1a Length: 87
# SyFV-3_U1a Number of predicted TMHs:  1
# SyFV-3_U1a Exp number of AAs in TMHs: 22.10657
# SyFV-3_U1a Exp number, first 60 AAs:  21.4583
# SyFV-3_U1a Total prob of N-in:        0.03607
# SyFV-3_U1a POSSIBLE N-term signal sequence
SyFV-3_U1a      TMHMM2.0        outside      1     38
SyFV-3_U1a      TMHMM2.0        TMhelix     39     61
SyFV-3_U1a      TMHMM2.0        inside      62     87
```
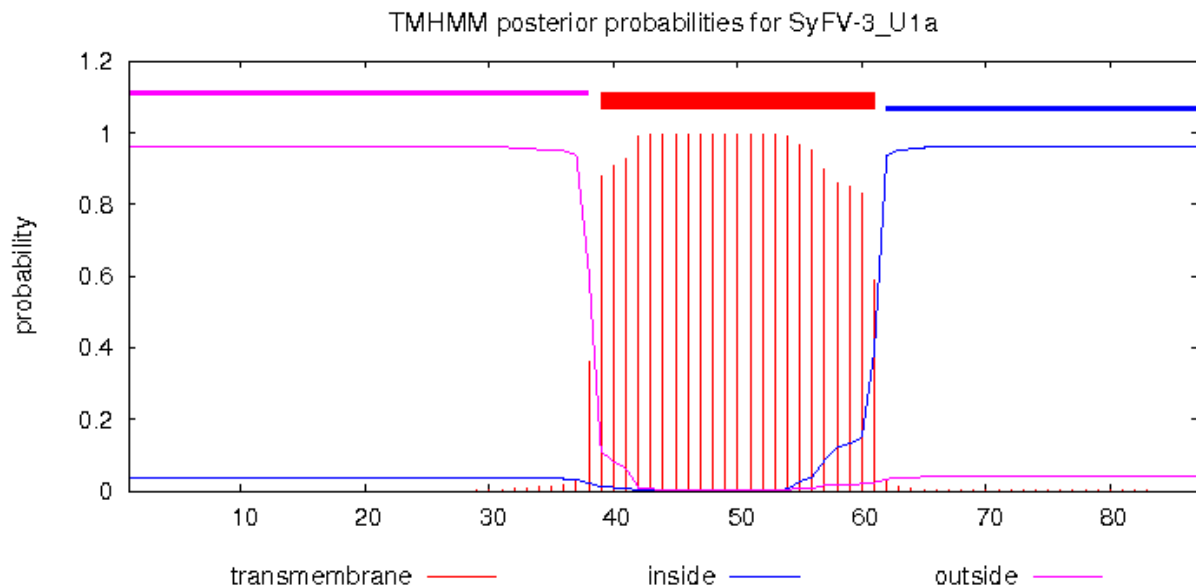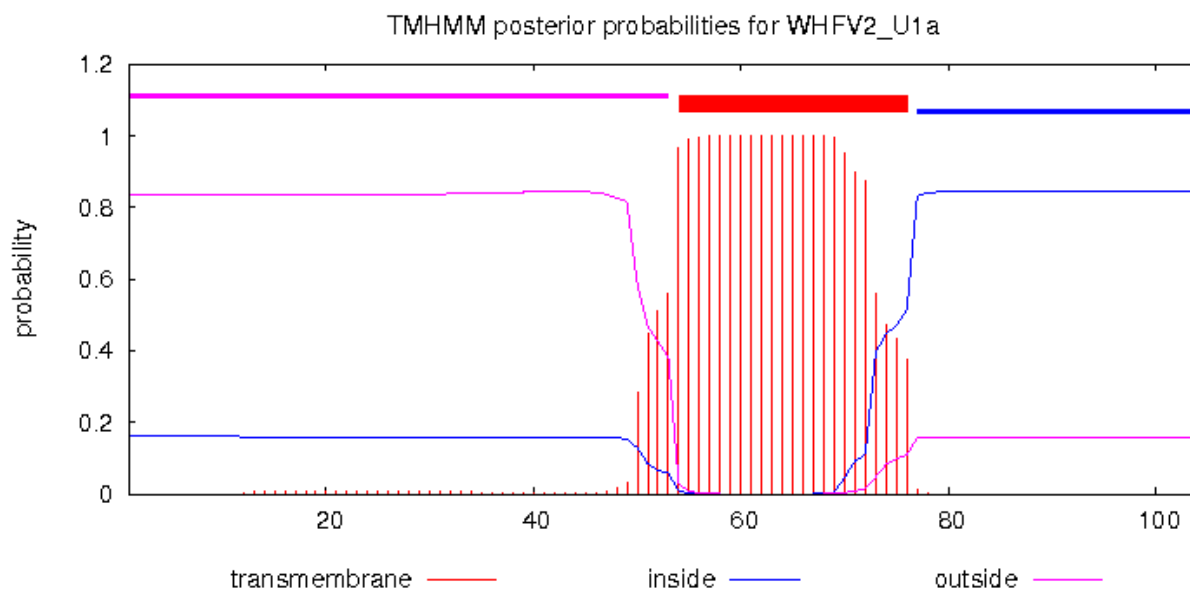

TMHMM posterior probabilities for SyFV-3_U1a

```
# WHFV2_U1a Length: 104
# WHFV2_U1a Number of predicted TMHs:  1
# WHFV2_U1a Exp number of AAs in TMHs: 22.53844
# WHFV2_U1a Exp number, first 60 AAs:  8.96397
# WHFV2_U1a Total prob of N-in:        0.16222
WHFV2_U1a       TMHMM2.0        outside      1     53
WHFV2_U1a       TMHMM2.0        TMhelix     54     76
WHFV2_U1a       TMHMM2.0        inside      77    104
```

TMHMM posterior probabilities for WHFV2_U1a

CLUSTAL 2.1 multiple sequence alignment

WHFV2_U1b   M-DYHSNLSQVEKGESG-----WVEKLGTGWSKVPKPGCQSCMKWVIIINLLIDIILLLT
SyFV-3_U1b   MHNYHGHSEPLNKPNAQNTAQSYLKILHIIWIII-----KFCFQLIIVFCVVGSFVIDCL
                * :**.: . ::* ::   ::: *   *   :   : *:: :*:: :: .:::
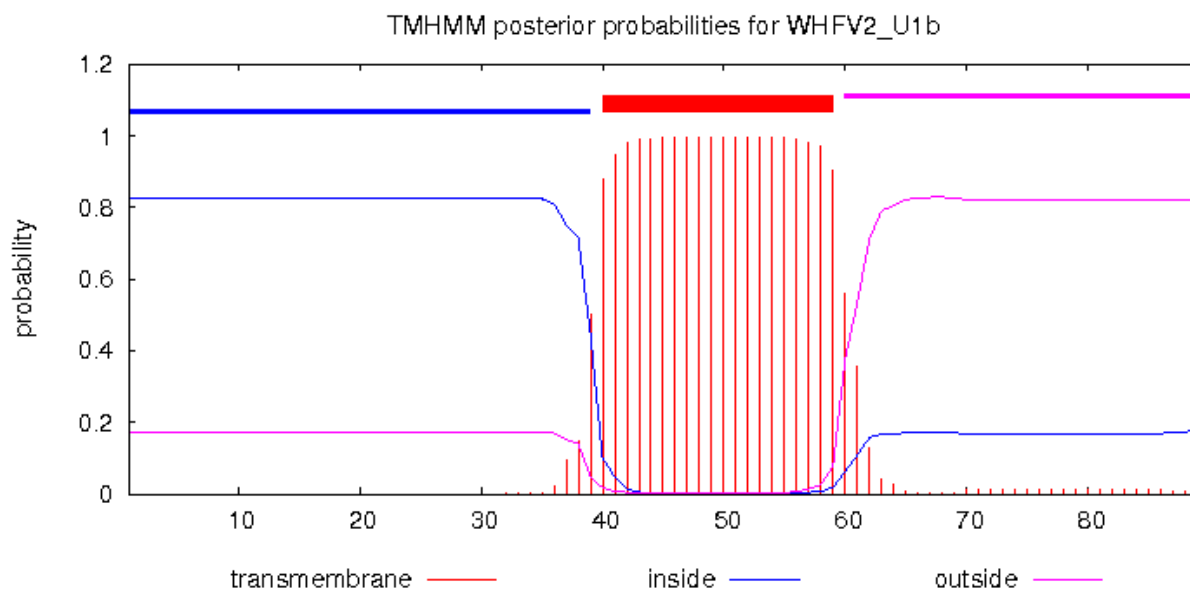
WHFV2_U1b   AYHVIGPGSASWNKDASSFVPAICGINSTIHMTPK
SyFV-3_U1b   VFKVVAP--EDWR----DLIKNKS-LFTWQNMTV-
                .::*:.*   .*.   .::   . : : :**

WHFV2_U1b Length: 89
WHFV2_U1b Number of predicted TMHs: 1
WHFV2_U1b Exp number of AAs in TMHs: 21.72033
WHFV2_U1b Exp number, first 60 AAs: 20.90298
WHFV2_U1b Total prob of N-in: 0.82740
WHFV2_U1b POSSIBLE N-term signal sequence
WHFV2_U1b   TMHMM2.0   inside   1   39
WHFV2_U1b   TMHMM2.0   TMhelix   40   59
WHFV2_U1b   TMHMM2.0   outside   60   89

TMHMM posterior probabilities for WHFV2_U1b

```
# SyFV-3_U1b Length: 82
# SyFV-3_U1b Number of predicted TMHs:  1
# SyFV-3_U1b Exp number of AAs in TMHs: 23.2496
# SyFV-3_U1b Exp number, first 60 AAs:  23.22388
# SyFV-3_U1b Total prob of N-in:        0.15539
# SyFV-3_U1b POSSIBLE N-term signal sequence
SyFV-3_U1b       TMHMM2.0        outside     1     28
SyFV-3_U1b       TMHMM2.0        TMhelix    29     51
SyFV-3_U1b       TMHMM2.0        inside     52     82
```


TMHMM posterior probabilities for SyFV-3_U1b