

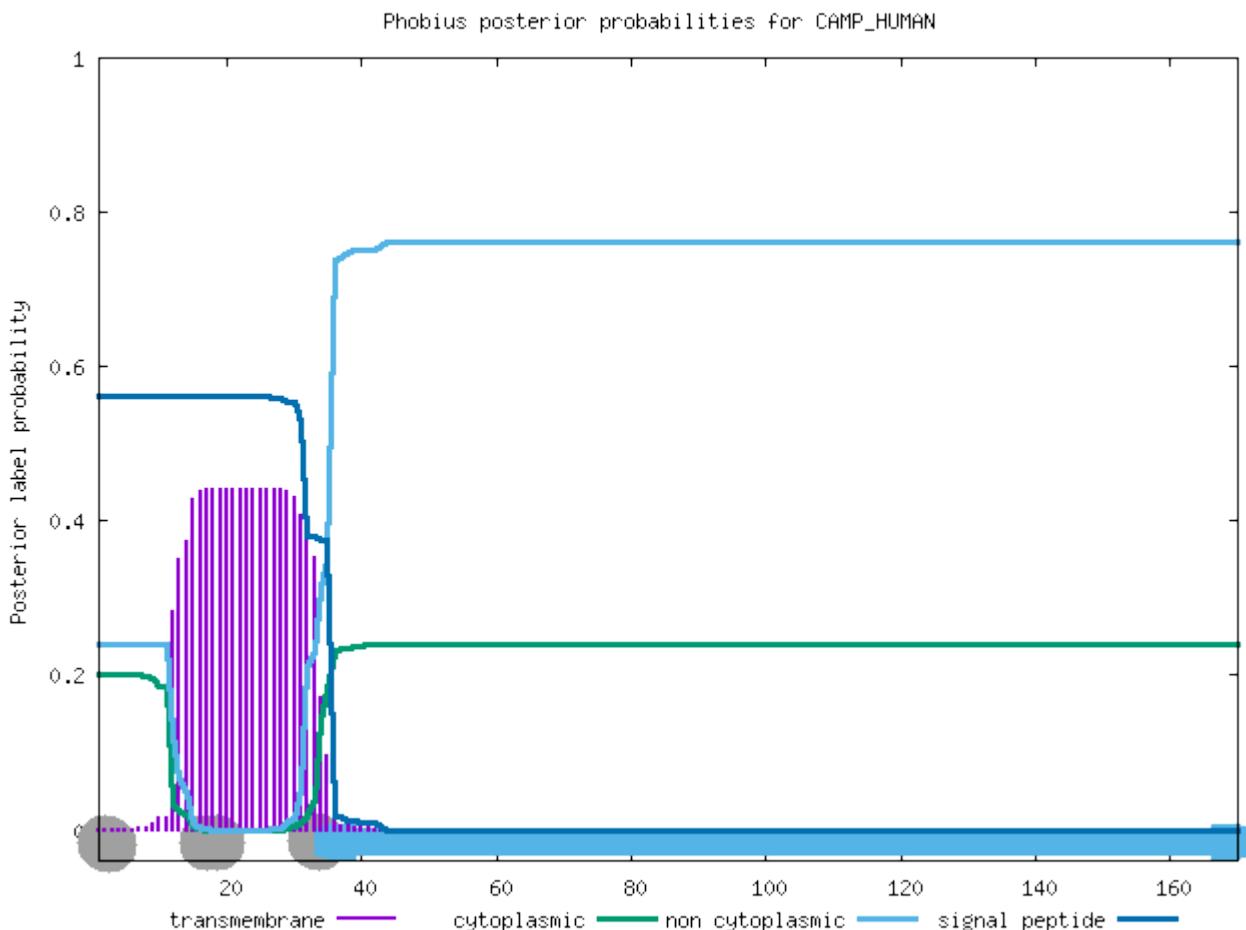
Supplementary Figure 1. Combined Topology Prediction Results for Studied Proteins.

These results show the topology predictions for the proteins studied using the Phobius tool, with the exception of DCD and PGAM5, where predictions failed to indicate transmembrane topology and were inconsistent with UniProt data.

Phobius prediction

Prediction of CAMP_HUMAN

| | | | | |
|----|------------|----|-----|------------------|
| ID | CAMP_HUMAN | | | |
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 14 | N-REGION. |
| FT | REGION | 15 | 26 | H-REGION. |
| FT | REGION | 27 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 170 | NON CYTOPLASMIC. |
| // | | | | |



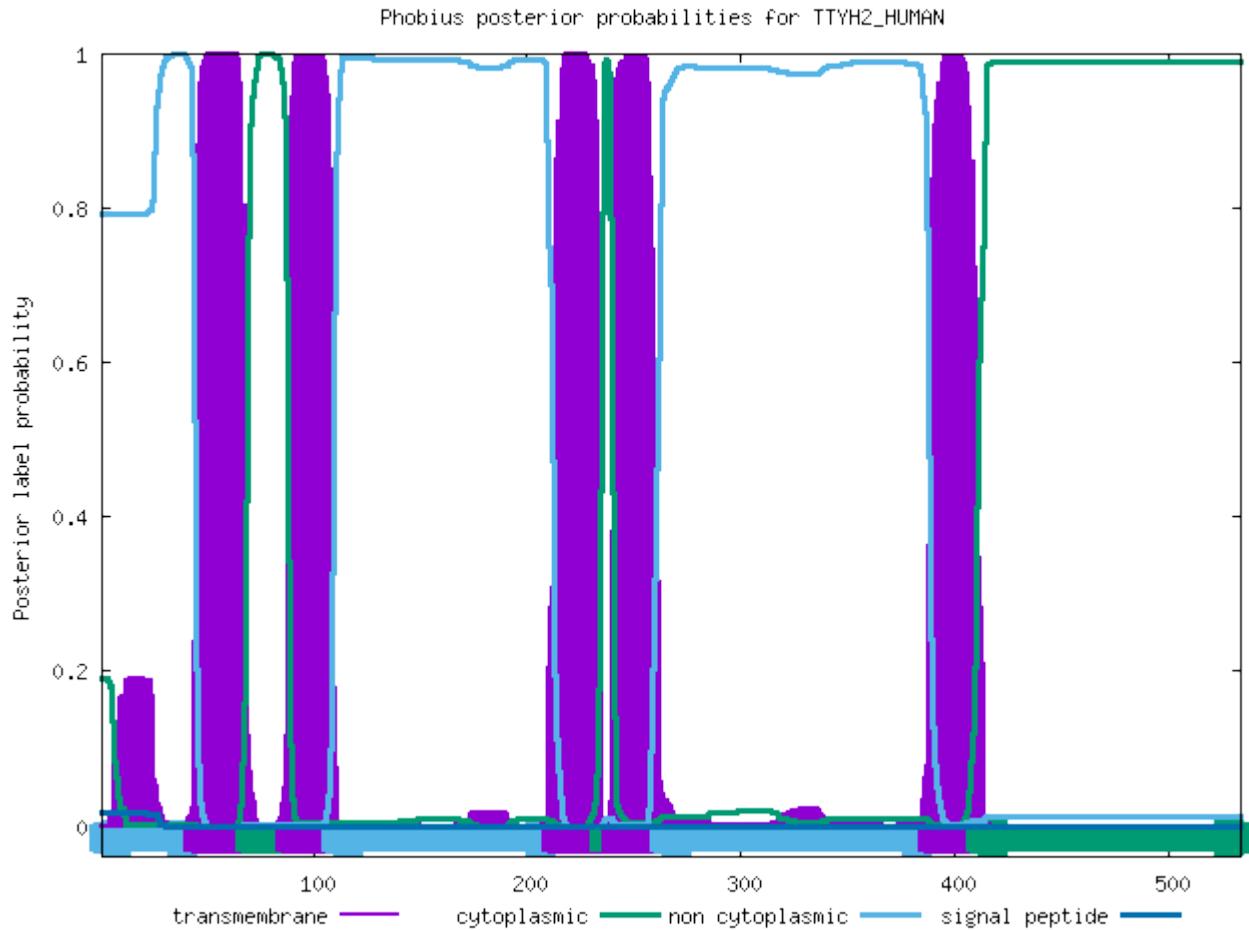
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TTYH2_HUMAN

| | | | | |
|----|-------------|----|----|------------------|
| ID | TTYH2_HUMAN | | | |
| FT | TOPO_DOM | 1 | 44 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 68 | |
| FT | TOPO_DOM | 69 | 87 | CYTOPLASMIC. |

```

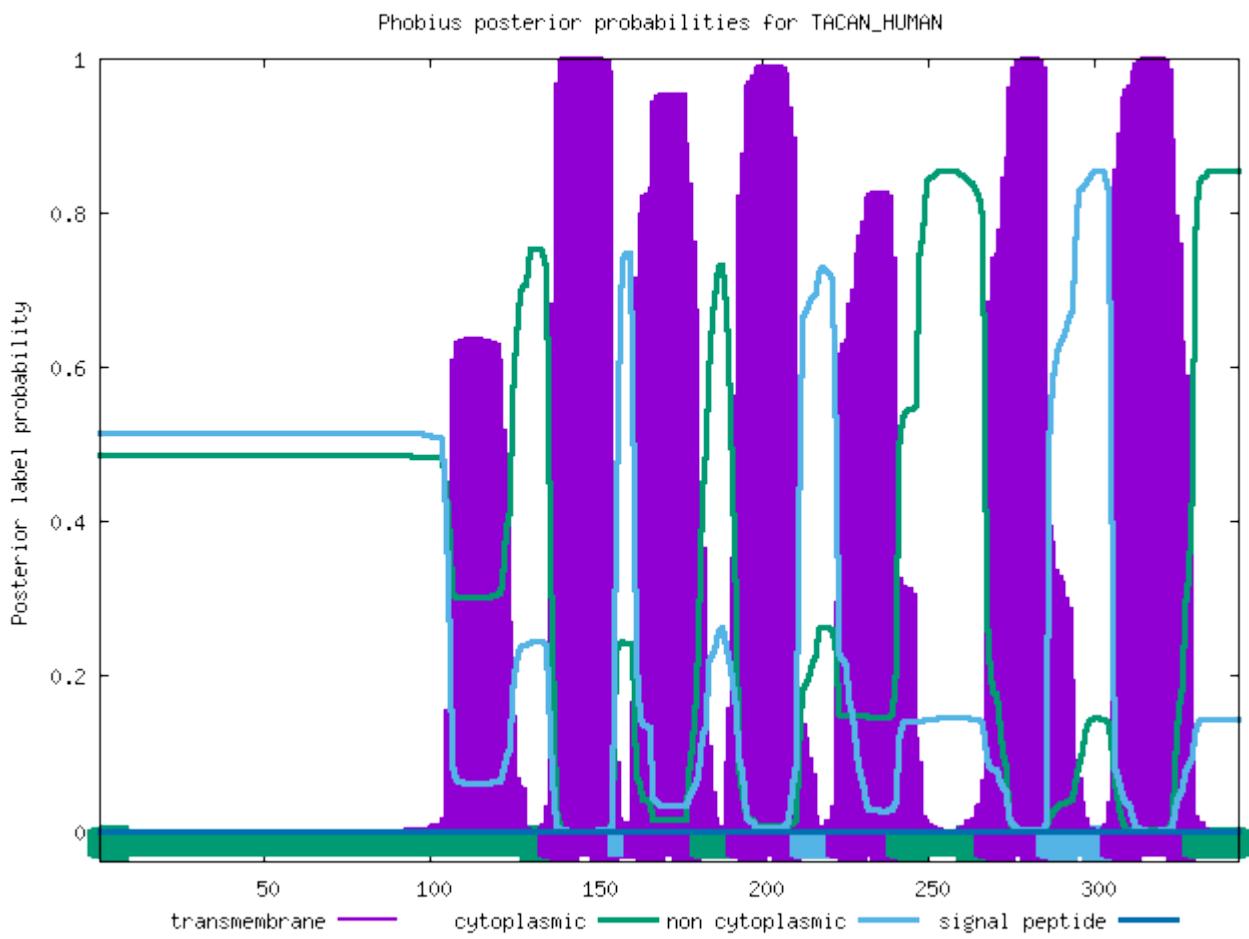
FT  TRANSMEM    88   109
FT  TOPO_DOM    110  212      NON CYTOPLASMIC.
FT  TRANSMEM    213  234
FT  TOPO_DOM    235  240      CYTOPLASMIC.
FT  TRANSMEM    241  262
FT  TOPO_DOM    263  388      NON CYTOPLASMIC.
FT  TRANSMEM    389  410
FT  TOPO_DOM    411  534      CYTOPLASMIC.
//
```



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TACAN_HUMAN

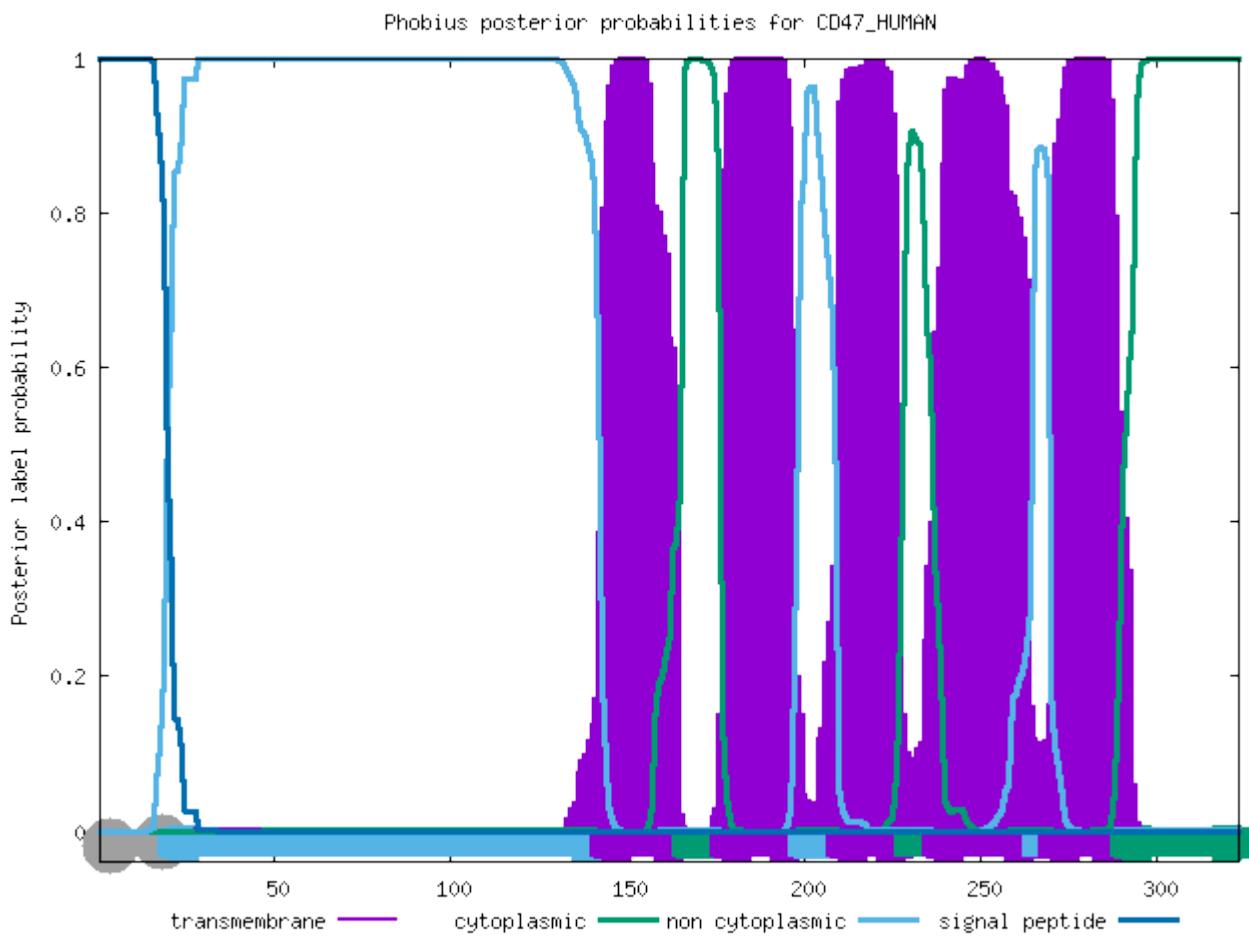
| ID | TACAN_HUMAN | | |
|----|-------------|-----|------------------------|
| FT | TOPO_DOM | 1 | 135 CYTOPLASMIC. |
| FT | TRANSMEM | 136 | 156 |
| FT | TOPO_DOM | 157 | 161 NON CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 181 |
| FT | TOPO_DOM | 182 | 192 CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 211 |
| FT | TOPO_DOM | 212 | 222 NON CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 240 |
| FT | TOPO_DOM | 241 | 266 CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 285 |
| FT | TOPO_DOM | 286 | 304 NON CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 329 |
| FT | TOPO_DOM | 330 | 343 CYTOPLASMIC. |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD47_HUMAN

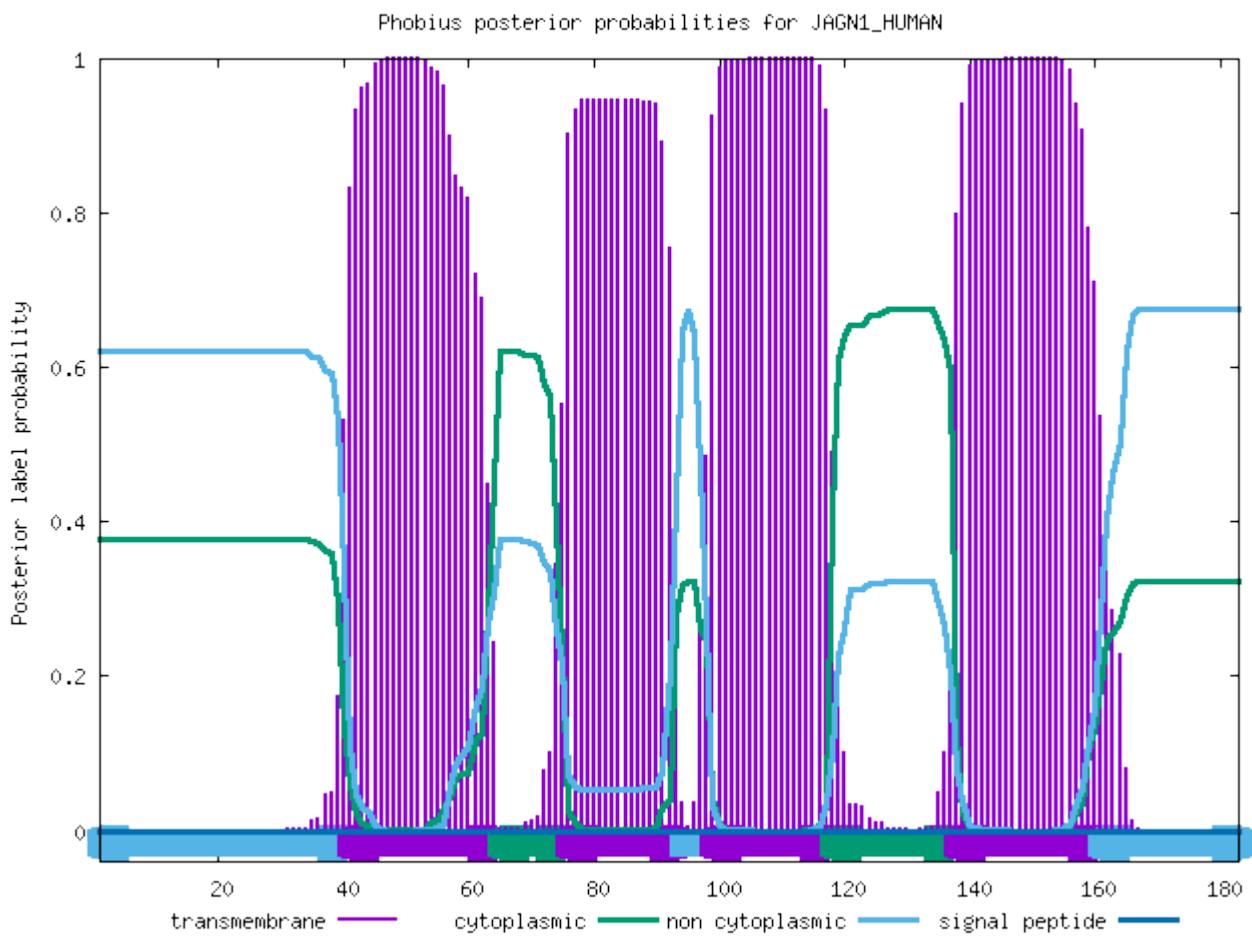
| ID | CD47_HUMAN | | |
|----|------------|-----|-----|
| FT | SIGNAL | 1 | 20 |
| FT | REGION | 1 | 3 |
| FT | REGION | 4 | 15 |
| FT | REGION | 16 | 20 |
| FT | TOPO_DOM | 21 | 142 |
| FT | TRANSMEM | 143 | 165 |
| FT | TOPO_DOM | 166 | 176 |
| FT | TRANSMEM | 177 | 198 |
| FT | TOPO_DOM | 199 | 209 |
| FT | TRANSMEM | 210 | 228 |
| FT | TOPO_DOM | 229 | 236 |
| FT | TRANSMEM | 237 | 264 |
| FT | TOPO_DOM | 265 | 269 |
| FT | TRANSMEM | 270 | 289 |
| FT | TOPO_DOM | 290 | 323 |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of JAGN1_HUMAN

| ID | JAGN1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 40 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 93 | |
| FT | TOPO_DOM | 94 | 98 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 117 | |
| FT | TOPO_DOM | 118 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 160 | |
| FT | TOPO_DOM | 161 | 183 | NON CYTOPLASMIC. |
| // | | | | |

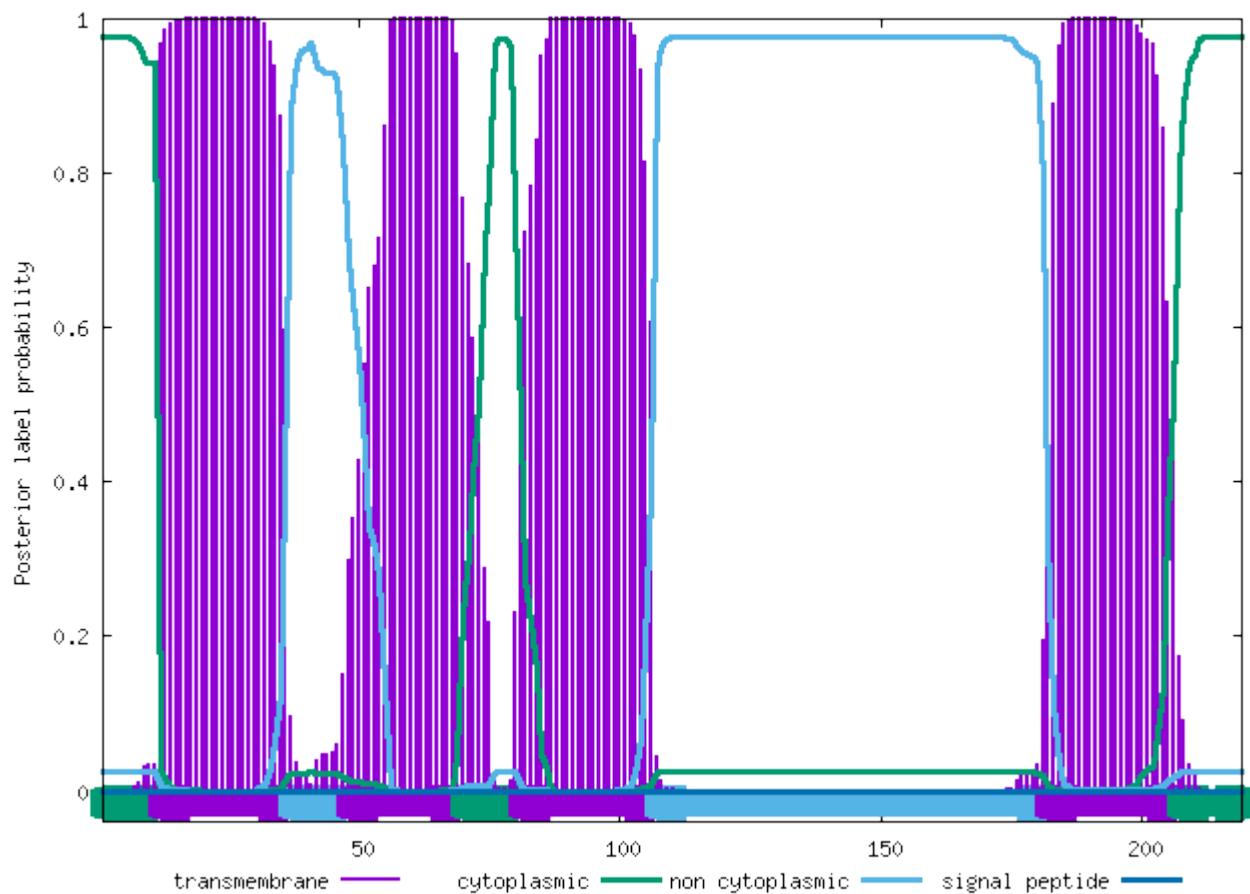


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD53_HUMAN

| ID | CD53_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 36 | |
| FT | TOPO_DOM | 37 | 47 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 48 | 69 | |
| FT | TOPO_DOM | 70 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 106 | |
| FT | TOPO_DOM | 107 | 181 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 206 | |
| FT | TOPO_DOM | 207 | 219 | CYTOPLASMIC. |
| // | | | | |

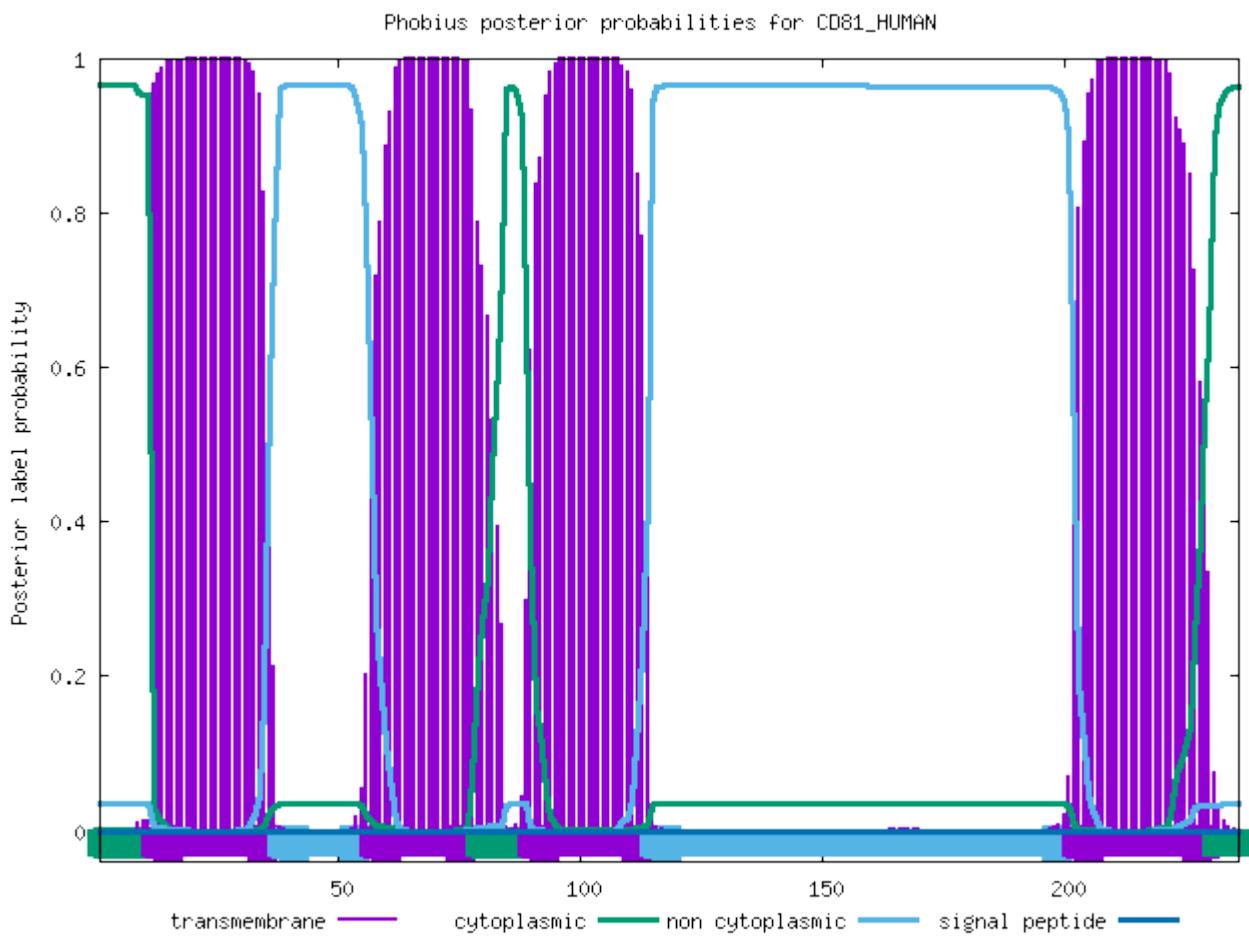
Phobius posterior probabilities for CD53_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD81_HUMAN

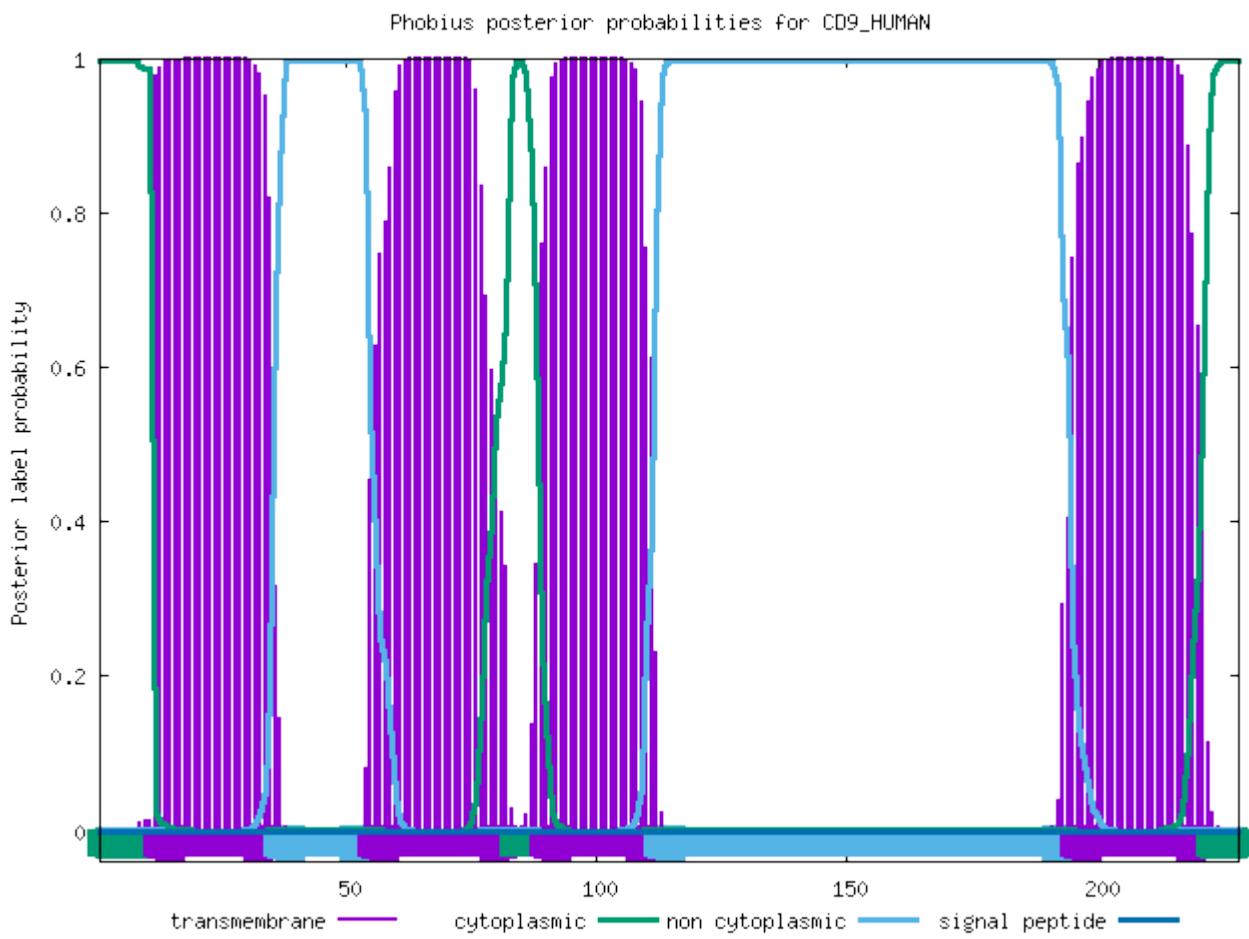
| ID | CD81_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 37 | |
| FT | TOPO_DOM | 38 | 56 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 78 | |
| FT | TOPO_DOM | 79 | 89 | CYTOPLASMIC. |
| FT | TRANSMEM | 90 | 114 | |
| FT | TOPO_DOM | 115 | 201 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 230 | |
| FT | TOPO_DOM | 231 | 236 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD9_HUMAN

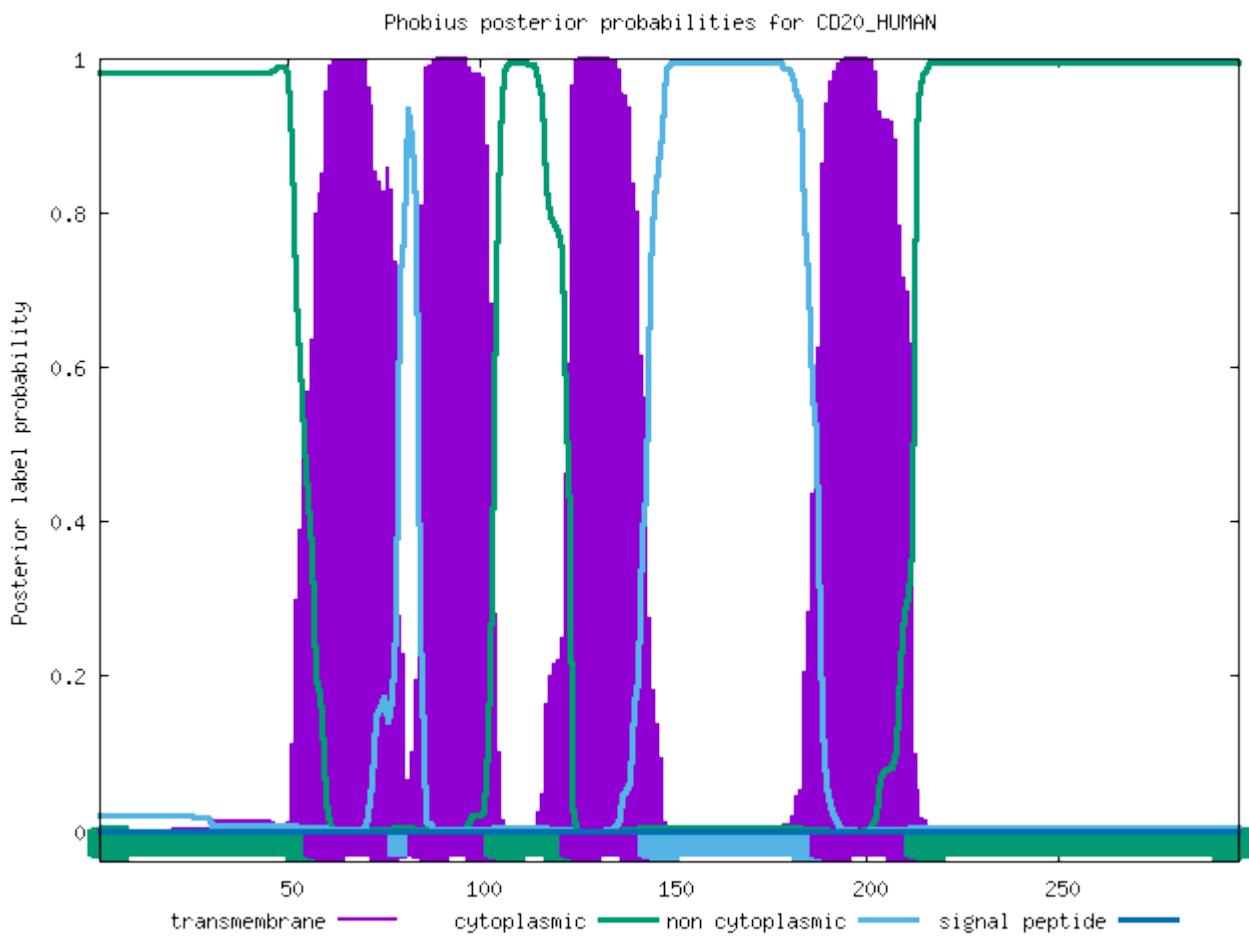
| ID | CD9_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 35 | |
| FT | TOPO_DOM | 36 | 54 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 82 | |
| FT | TOPO_DOM | 83 | 88 | CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 111 | |
| FT | TOPO_DOM | 112 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 221 | |
| FT | TOPO_DOM | 222 | 228 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD20_HUMAN

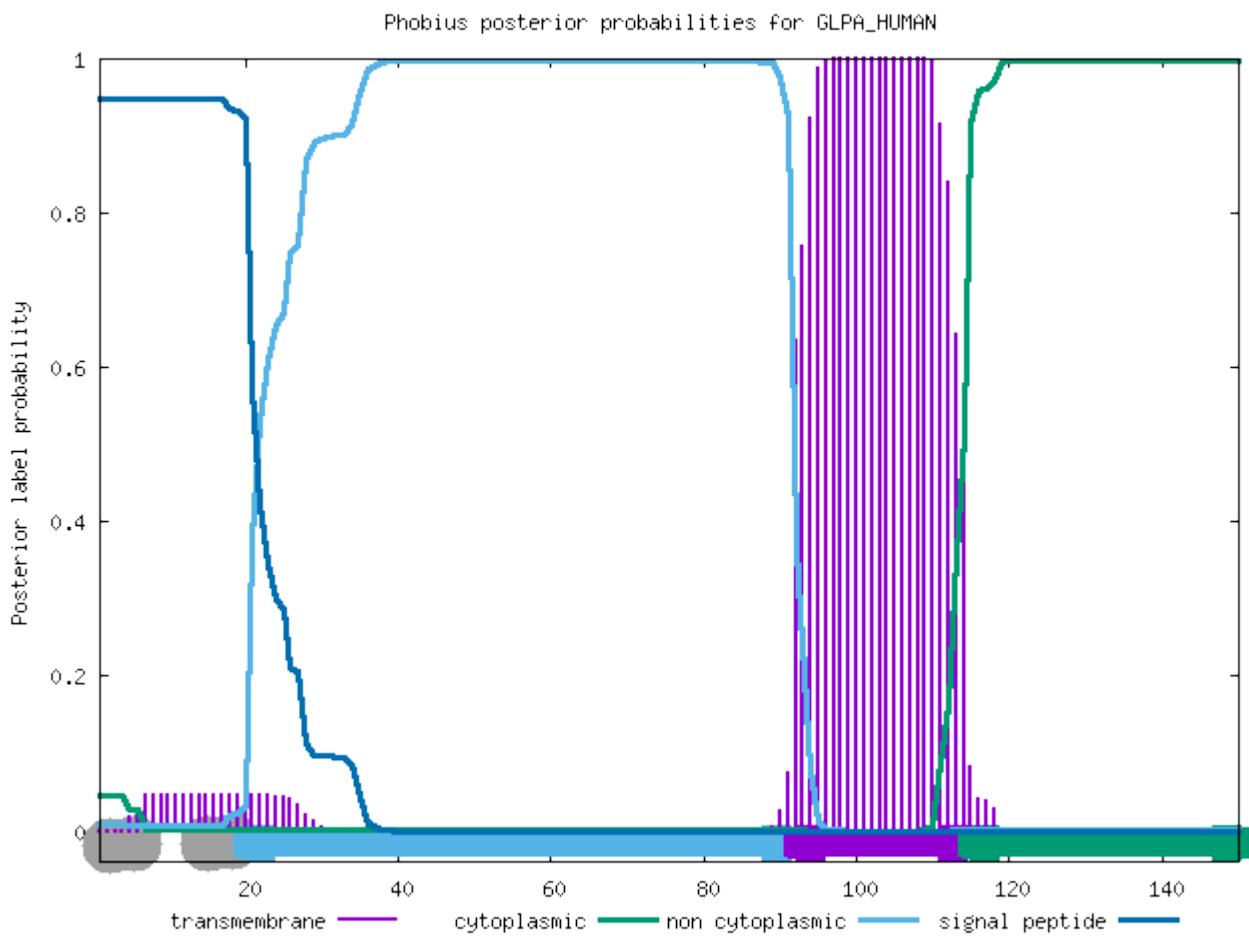
| ID | CD20_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 78 | |
| FT | TOPO_DOM | 79 | 83 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 103 | |
| FT | TOPO_DOM | 104 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 143 | |
| FT | TOPO_DOM | 144 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 212 | |
| FT | TOPO_DOM | 213 | 297 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLPA_HUMAN

| ID | GLPA_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 12 | H-REGION. |
| FT | REGION | 13 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 91 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 114 | |
| FT | TOPO_DOM | 115 | 150 | CYTOPLASMIC. |
| // | | | | |

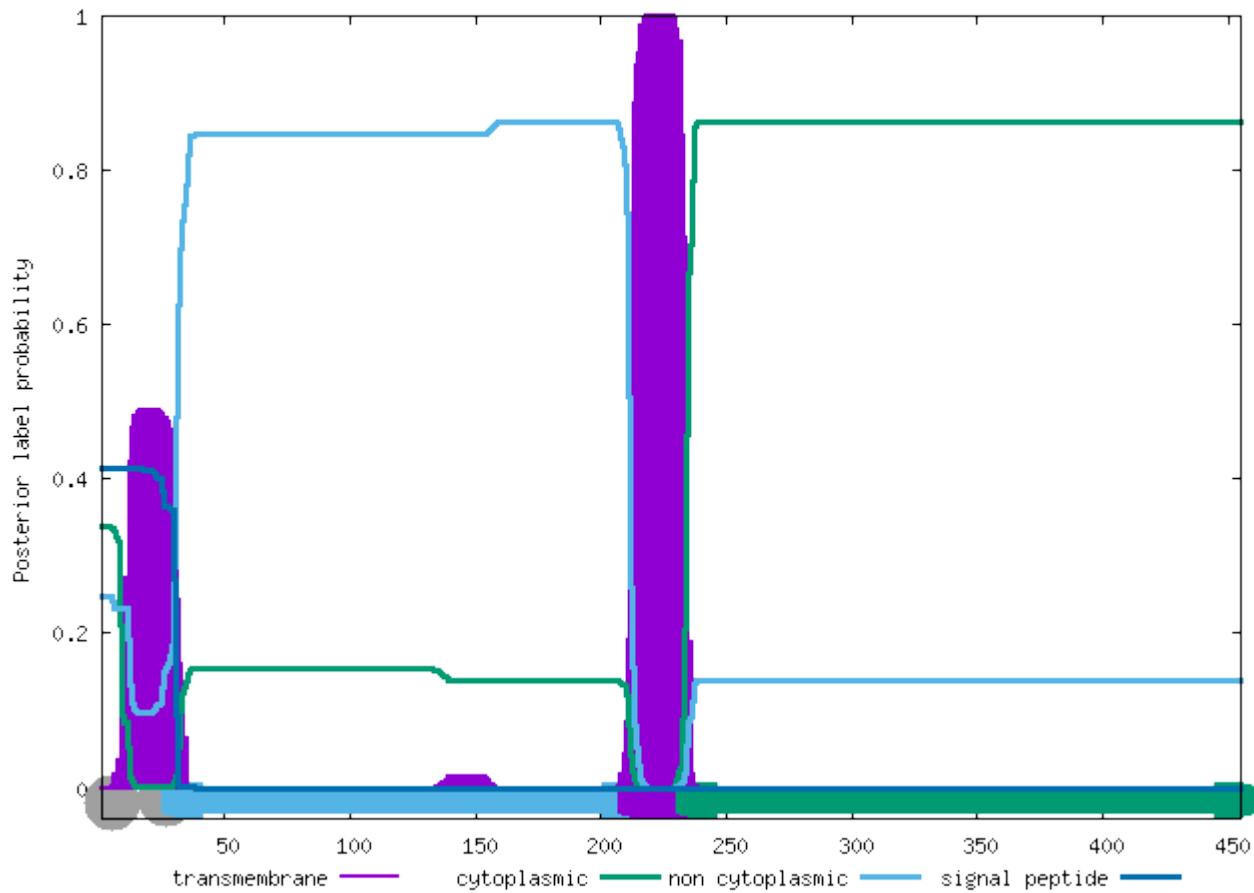


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TNR1A_HUMAN

| | | | | |
|----|-------------|-----|-----|------------------|
| ID | TNR1A_HUMAN | | | |
| FT | SIGNAL | 1 | 29 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 20 | H-REGION. |
| FT | REGION | 21 | 29 | C-REGION. |
| FT | TOPO_DOM | 30 | 211 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 212 | 234 | |
| FT | TOPO_DOM | 235 | 455 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for TNR1A_HUMAN

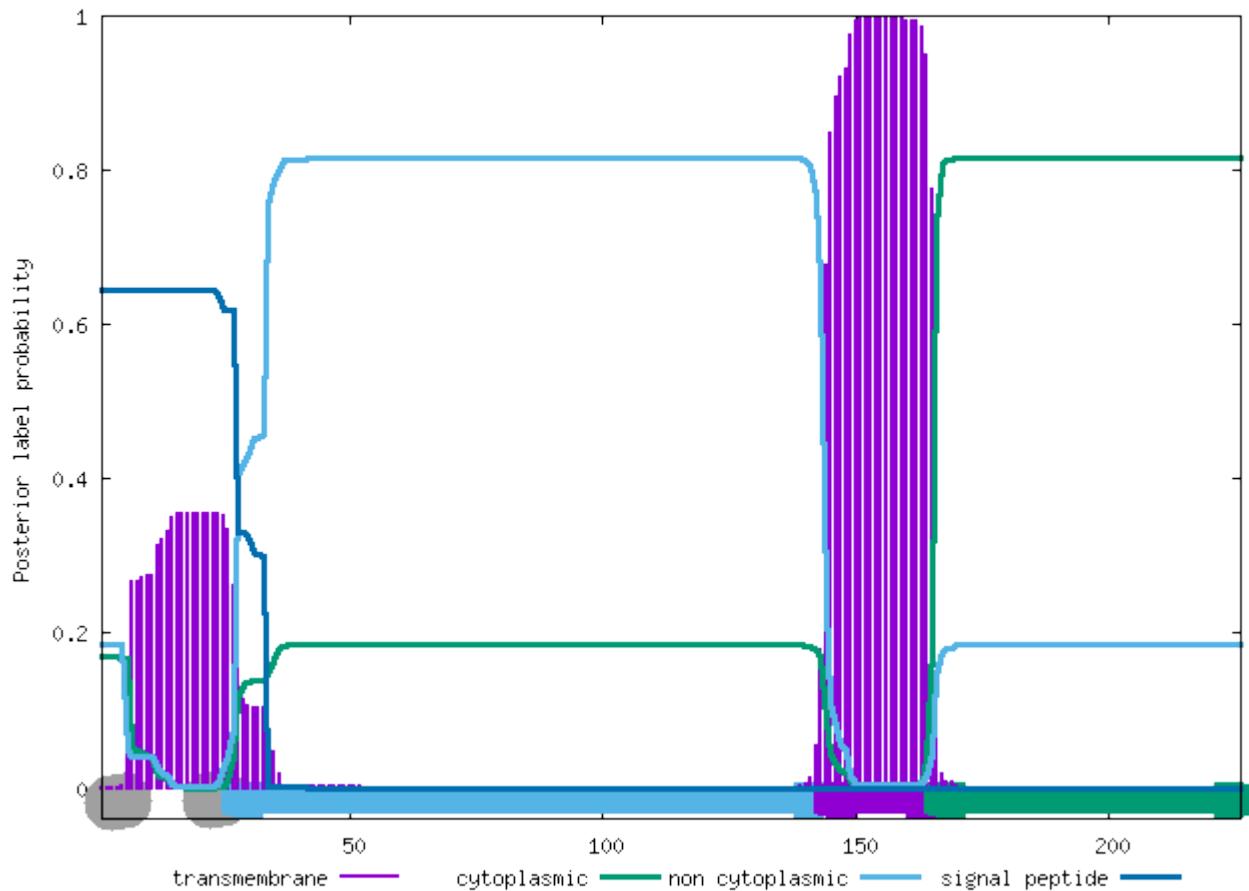


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD79A_HUMAN

| ID | CD79A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 21 | H-REGION. |
| FT | REGION | 22 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 143 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 165 | |
| FT | TOPO_DOM | 166 | 226 | CYTOPLASMIC. |
| // | | | | |

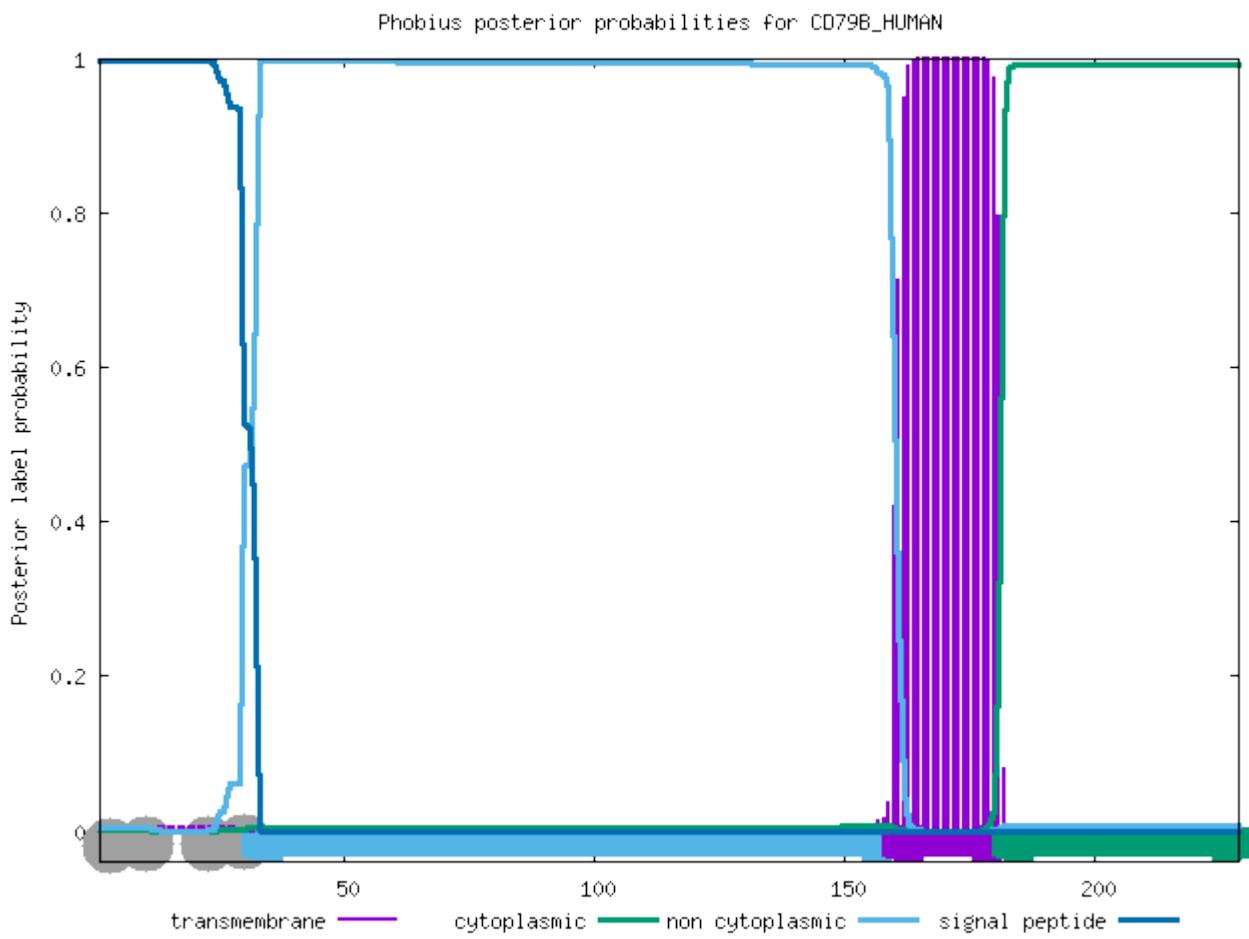
Phobius posterior probabilities for CD79A_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD79B_HUMAN

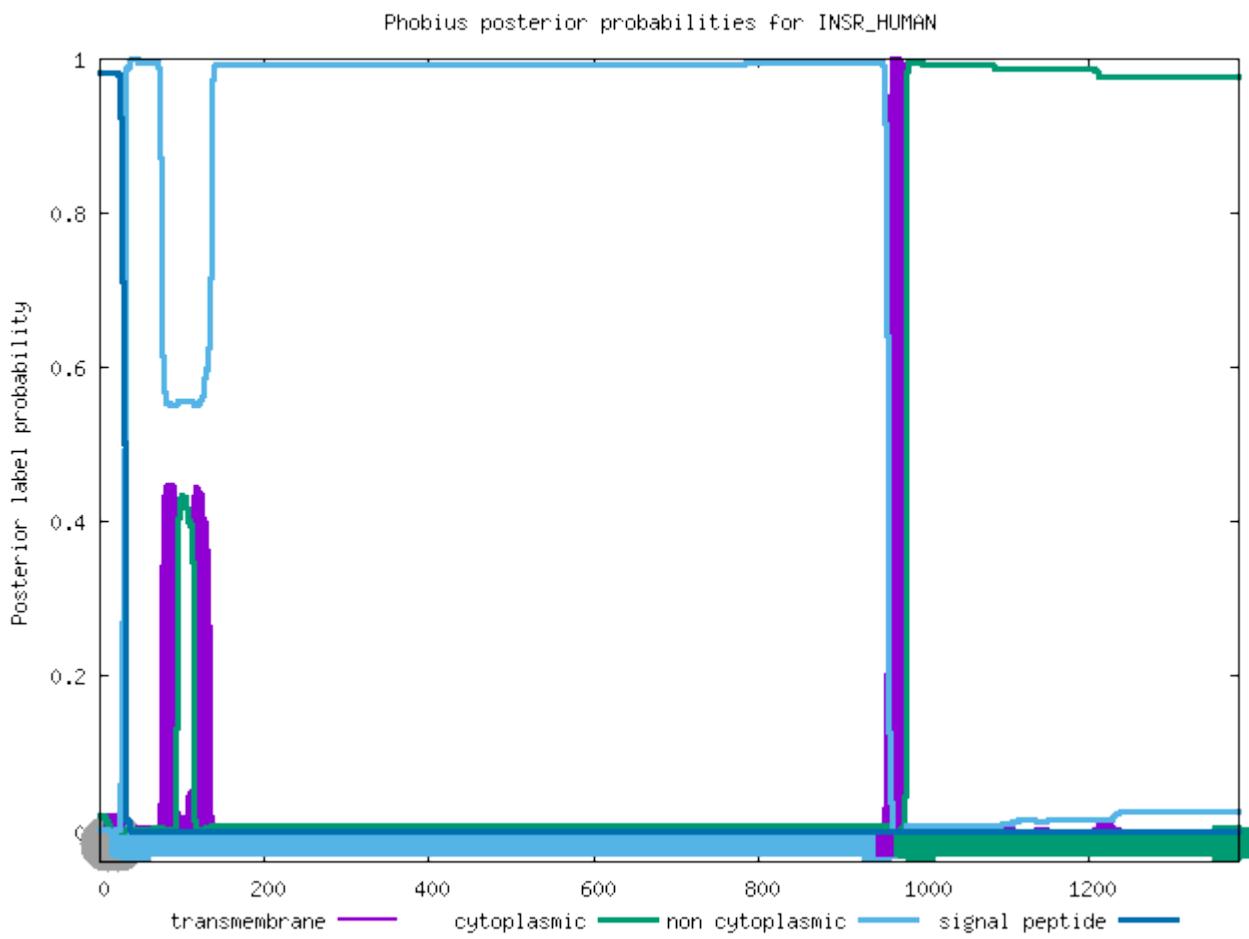
| ID | CD79B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 31 | |
| FT | REGION | 1 | 14 | N-REGION. |
| FT | REGION | 15 | 23 | H-REGION. |
| FT | REGION | 24 | 31 | C-REGION. |
| FT | TOPO_DOM | 32 | 159 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 181 | |
| FT | TOPO_DOM | 182 | 229 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of INSR_HUMAN

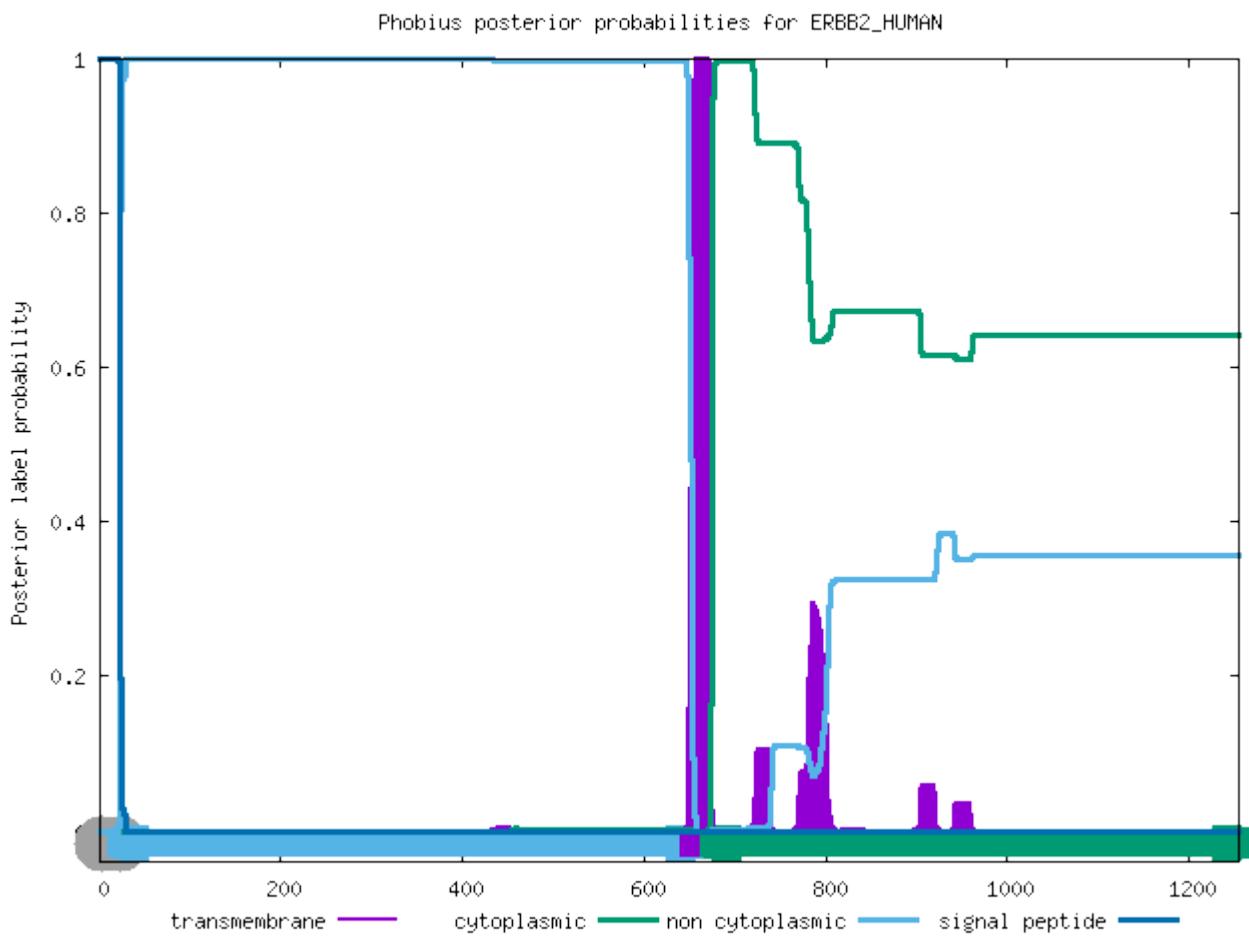
| ID | INSR_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | SIGNAL | 1 | 27 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 23 | H-REGION. |
| FT | REGION | 24 | 27 | C-REGION. |
| FT | TOPO_DOM | 28 | 957 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 958 | 979 | |
| FT | TOPO_DOM | 980 | 1382 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ERBB2_HUMAN

| ID | ERBB2_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 16 | H-REGION. |
| FT | REGION | 17 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 653 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 675 | |
| FT | TOPO_DOM | 676 | 1255 | CYTOPLASMIC. |
| // | | | | |

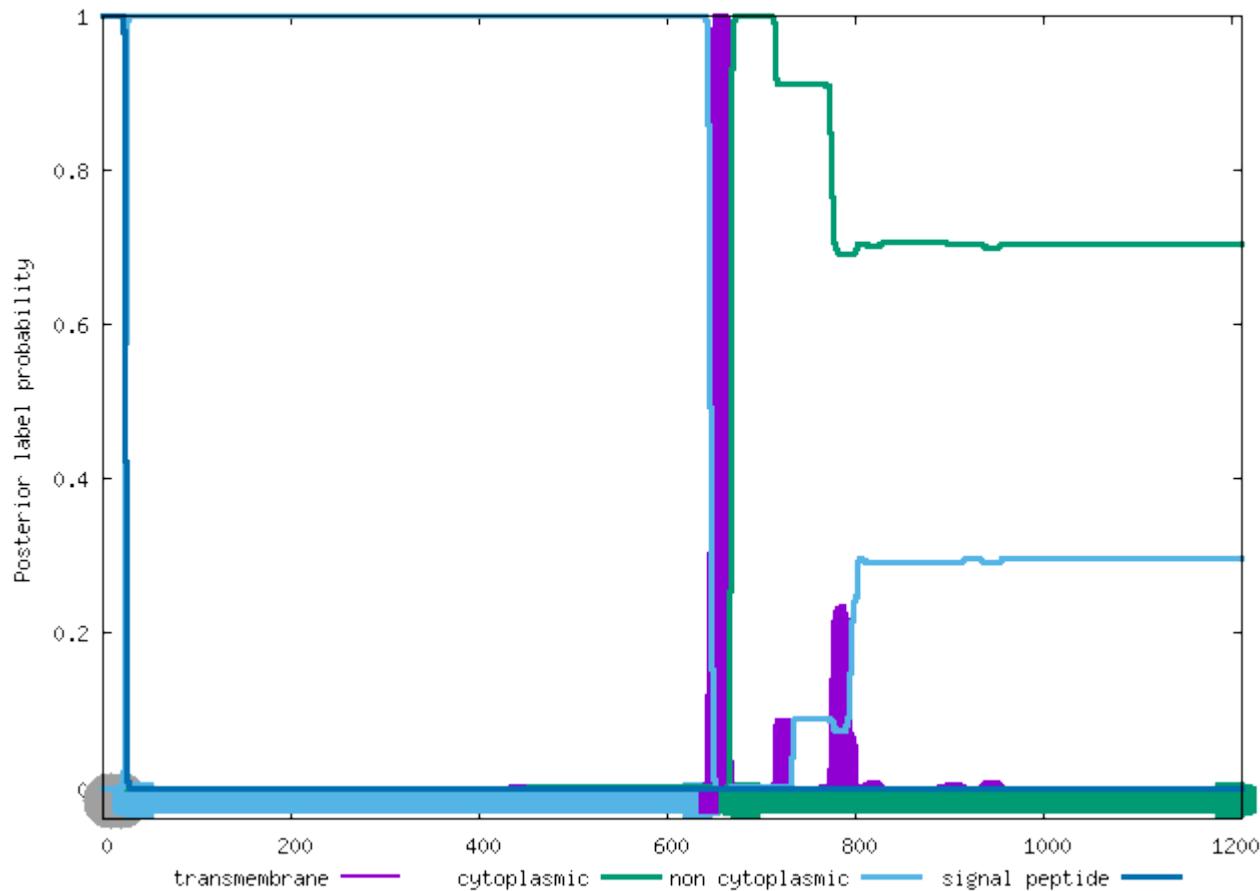


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EGFR_HUMAN

| | | | | |
|----|------------|-----|------|------------------|
| ID | EGFR_HUMAN | | | |
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 645 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 646 | 667 | |
| FT | TOPO_DOM | 668 | 1210 | CYTOPLASMIC. |
| // | | | | |

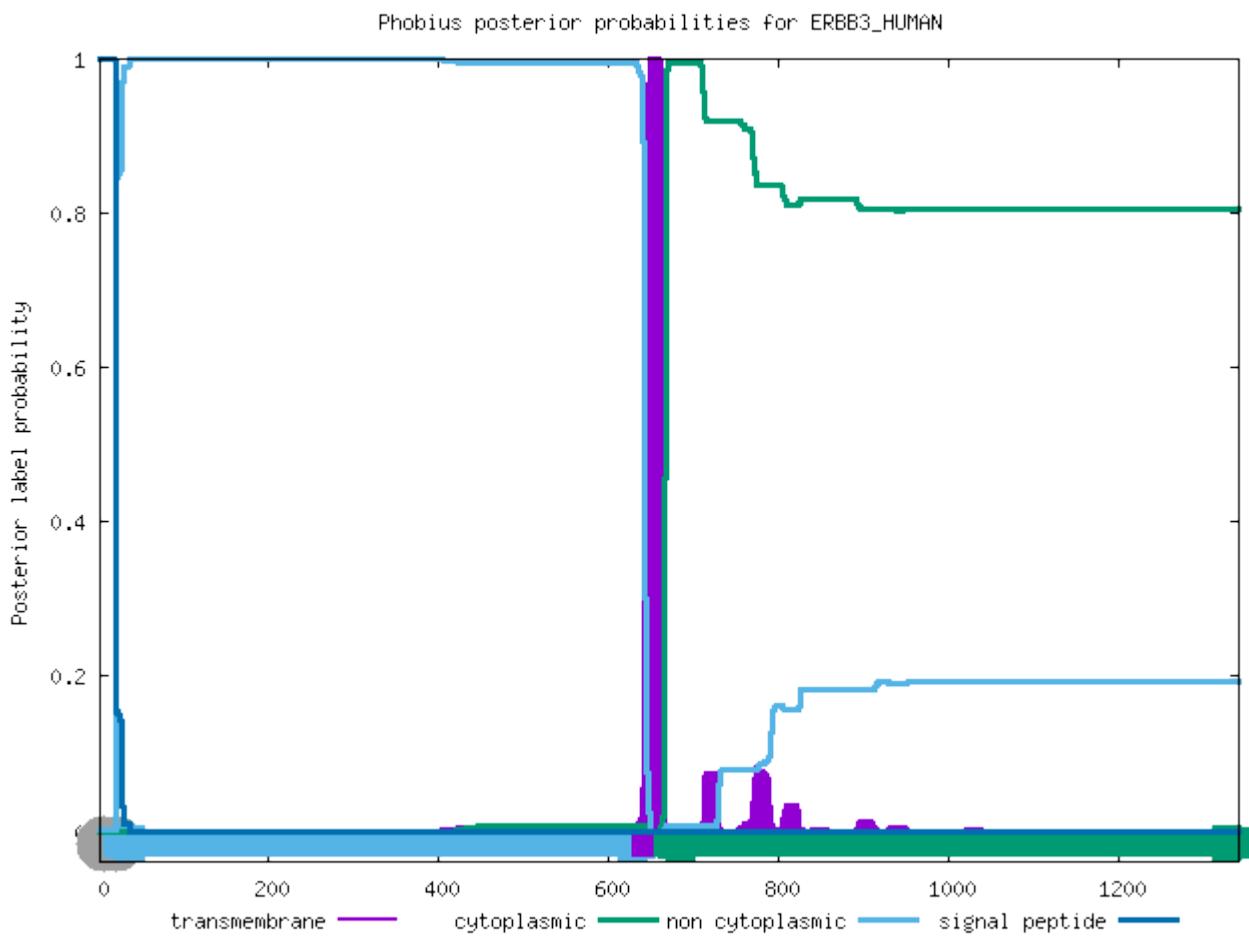
Phobius posterior probabilities for EGFR_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ERBB3_HUMAN

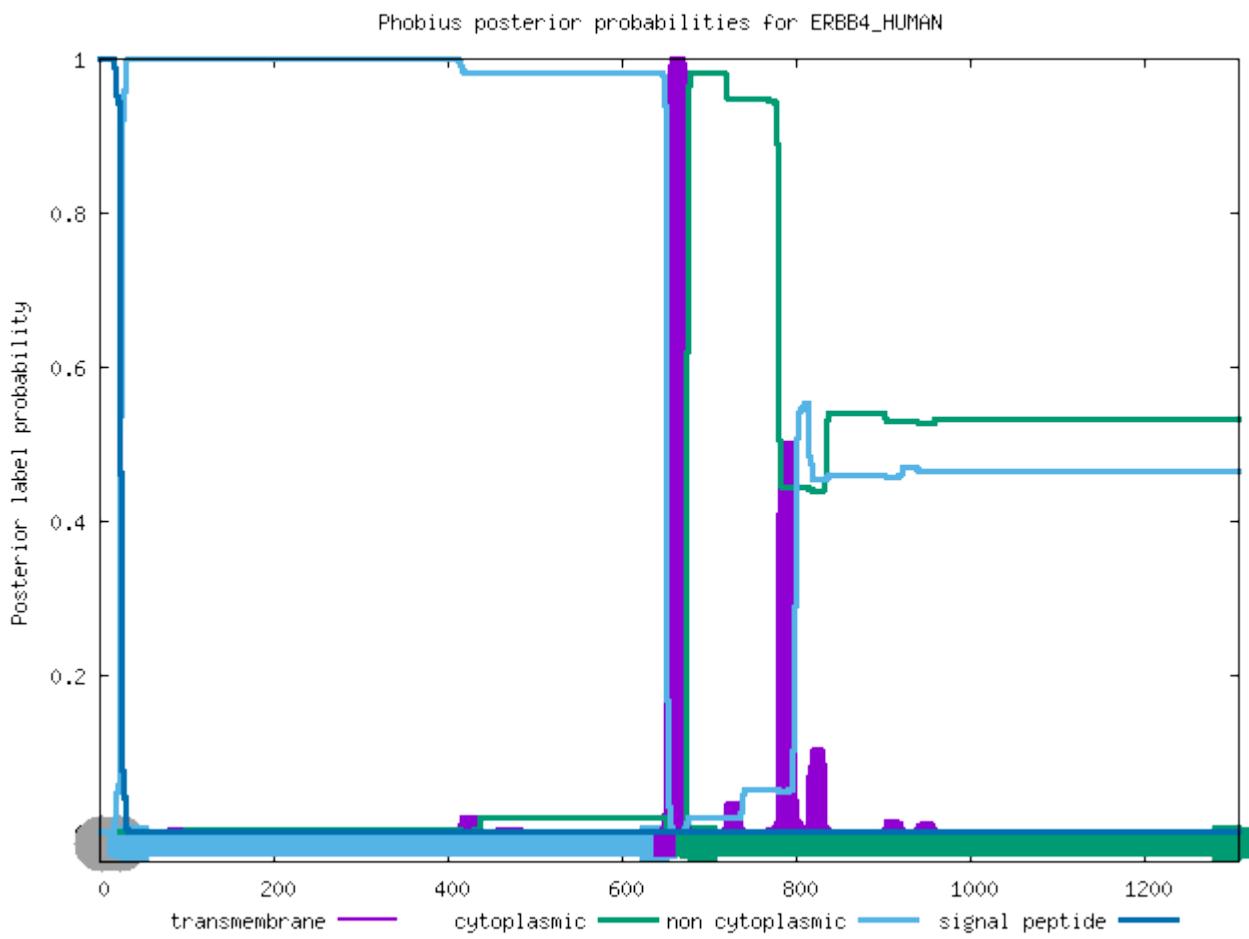
| ID | ERBB3_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 641 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 642 | 666 | |
| FT | TOPO_DOM | 667 | 1342 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ERBB4_HUMAN

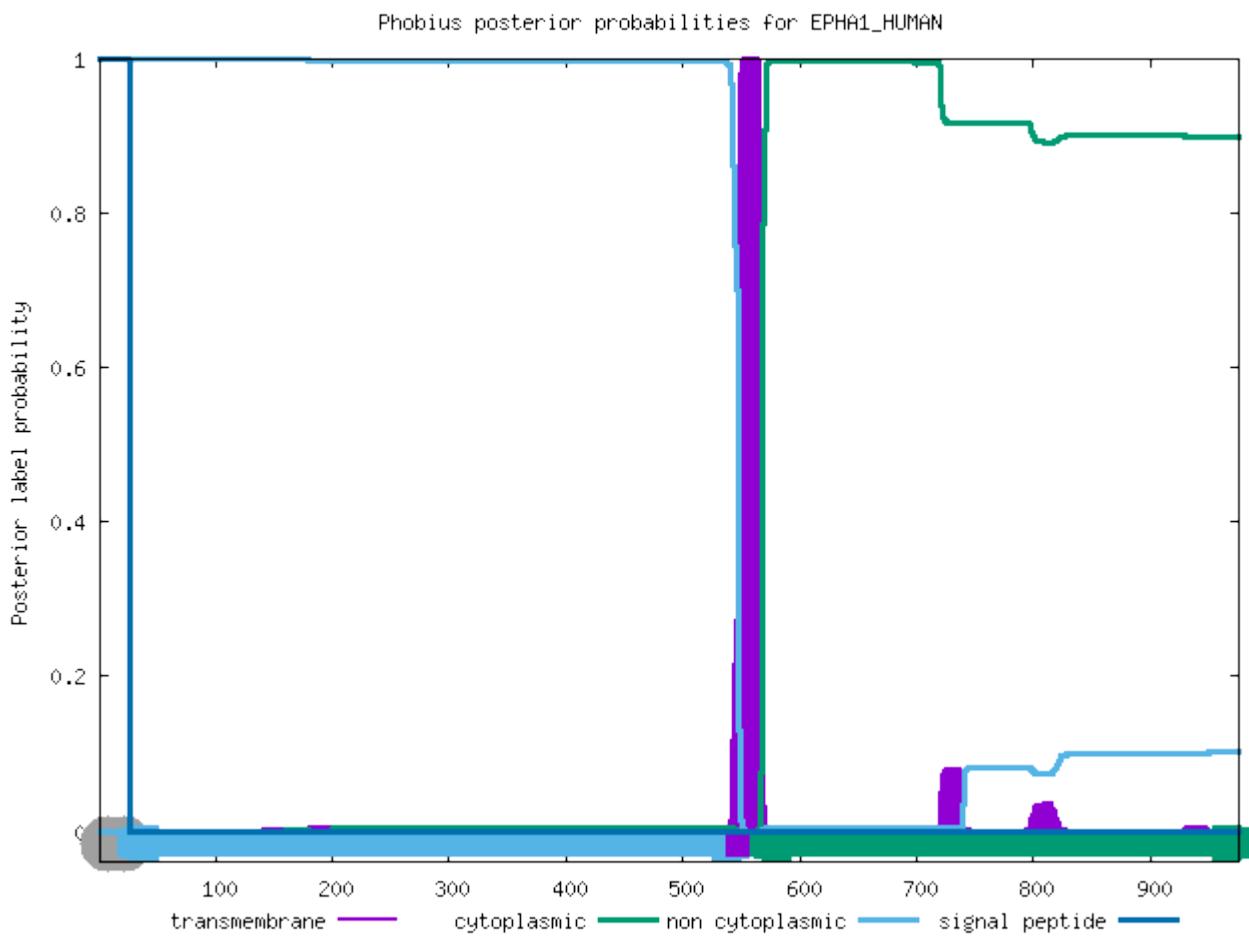
| | | | | |
|----|-------------|-----|------|------------------|
| ID | ERBB4_HUMAN | | | |
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 651 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 652 | 675 | |
| FT | TOPO_DOM | 676 | 1308 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EPHA1_HUMAN

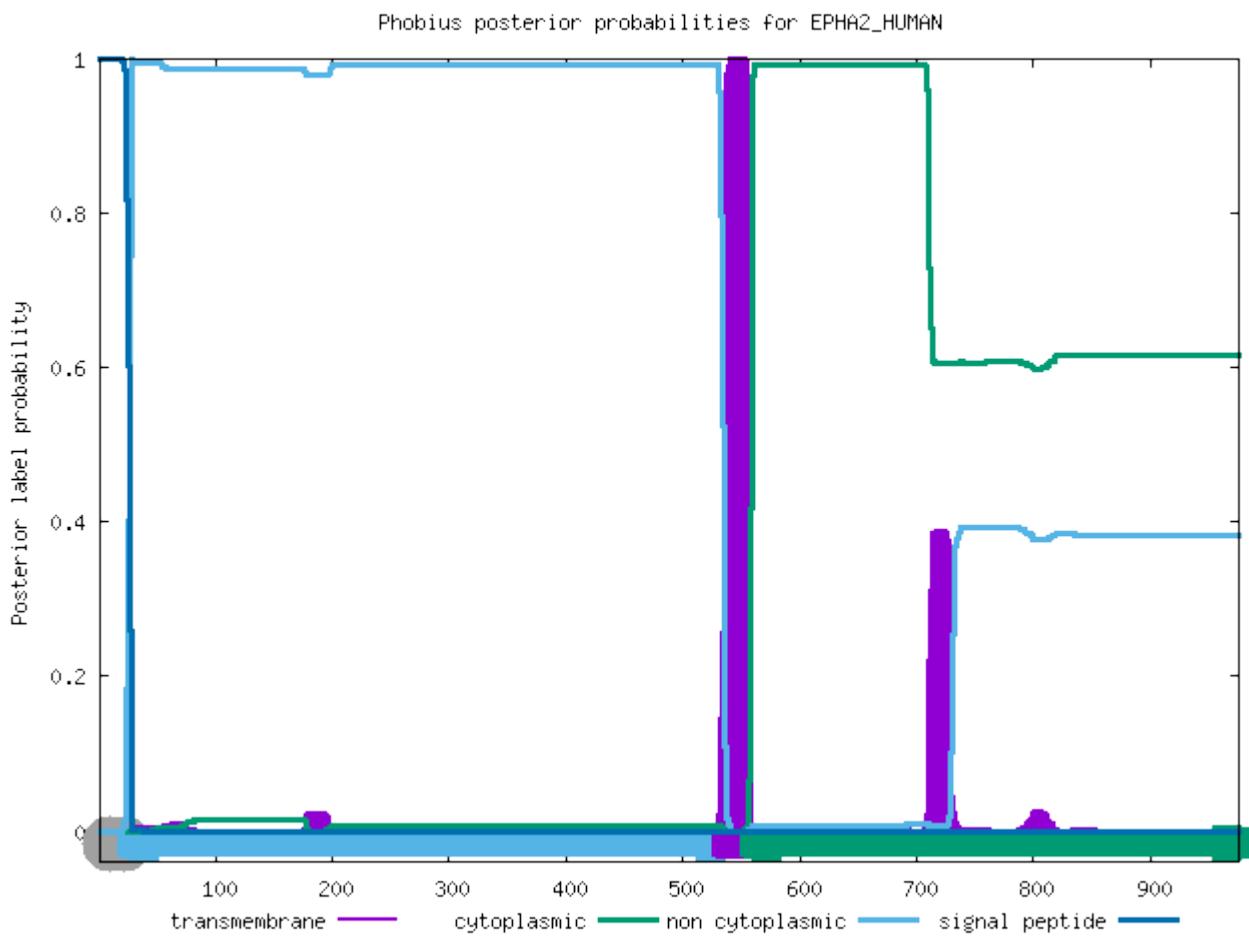
| ID | EPHA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 6 | N-REGION. |
| FT | REGION | 7 | 17 | H-REGION. |
| FT | REGION | 18 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 547 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 548 | 568 | |
| FT | TOPO_DOM | 569 | 976 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EPHA2_HUMAN

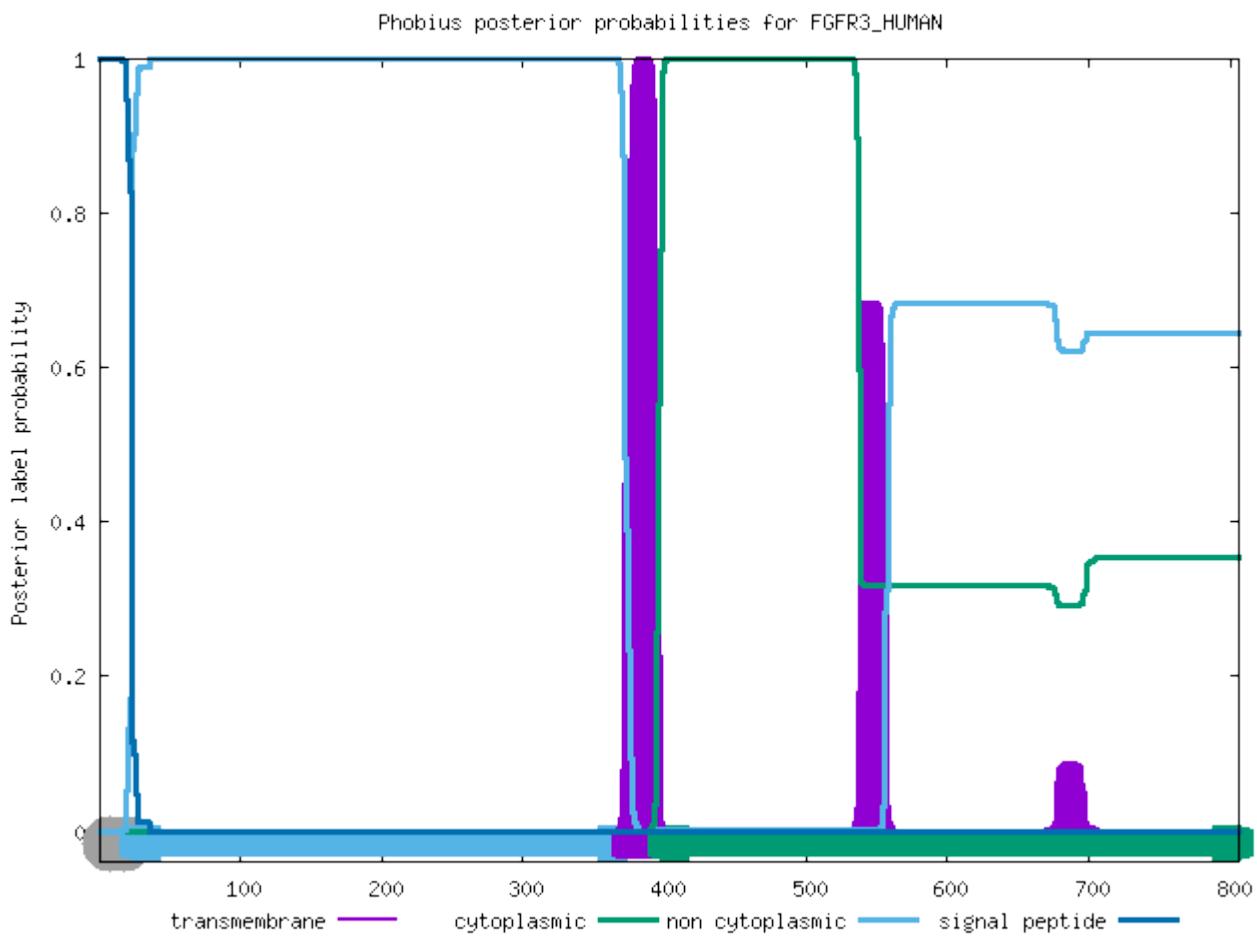
| ID | EPHA2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 534 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 535 | 558 | |
| FT | TOPO_DOM | 559 | 976 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FGFR3_HUMAN

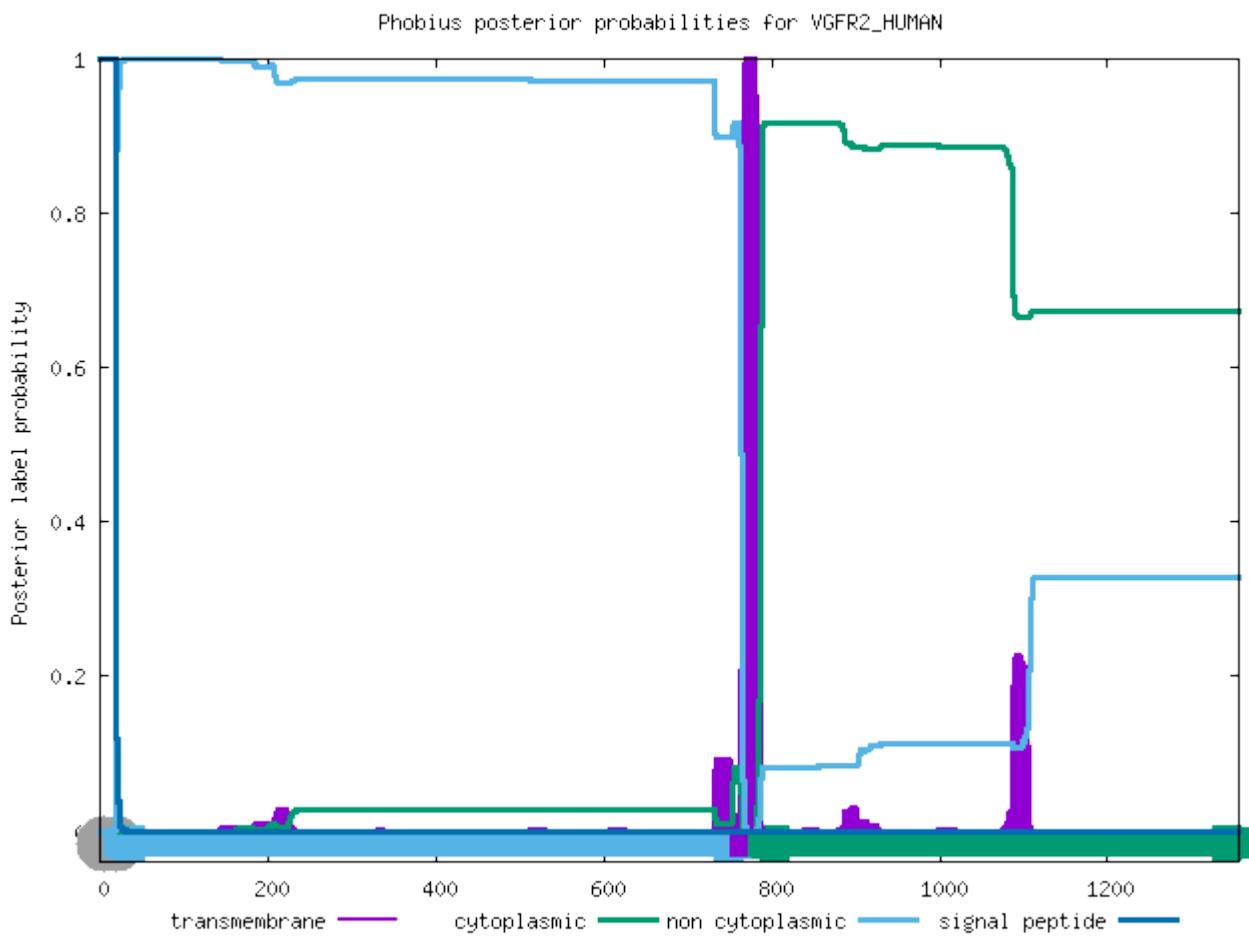
| | | | | |
|----|-------------|-----|-----|------------------|
| ID | FGFR3_HUMAN | | | |
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 371 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 372 | 396 | |
| FT | TOPO_DOM | 397 | 806 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VGFR2_HUMAN

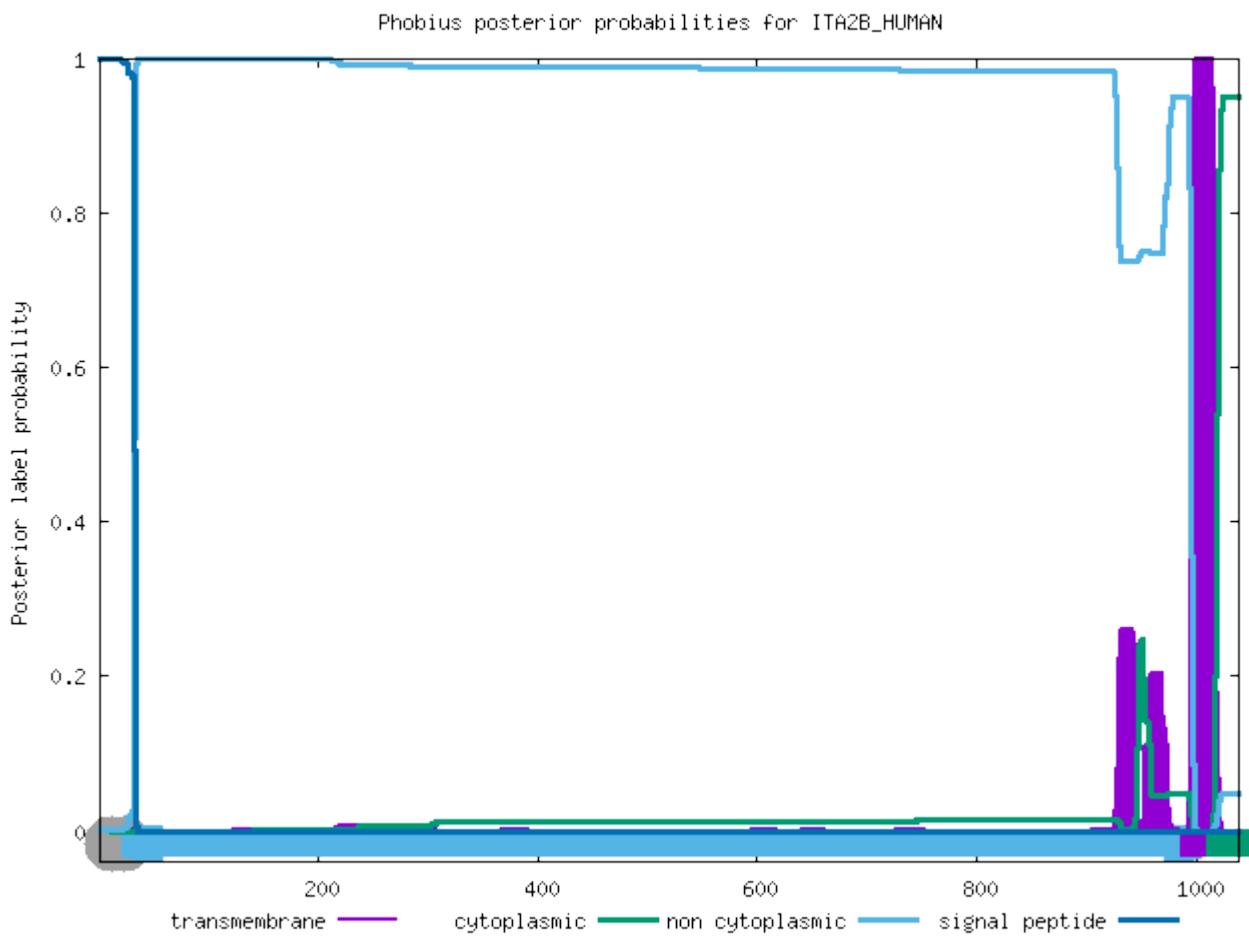
| ID | VGFR2_HUMAN | | |
|----|-------------|-----|------------|
| FT | SIGNAL | 1 | 19 |
| FT | REGION | 1 | 4 |
| FT | REGION | 5 | 15 |
| FT | REGION | 16 | 19 |
| FT | TOPO_DOM | 20 | 764 |
| FT | TRANSMEM | 765 | 786 |
| FT | TOPO_DOM | 787 | 1356 |
| // | | | CYTOSOLIC. |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITA2B_HUMAN

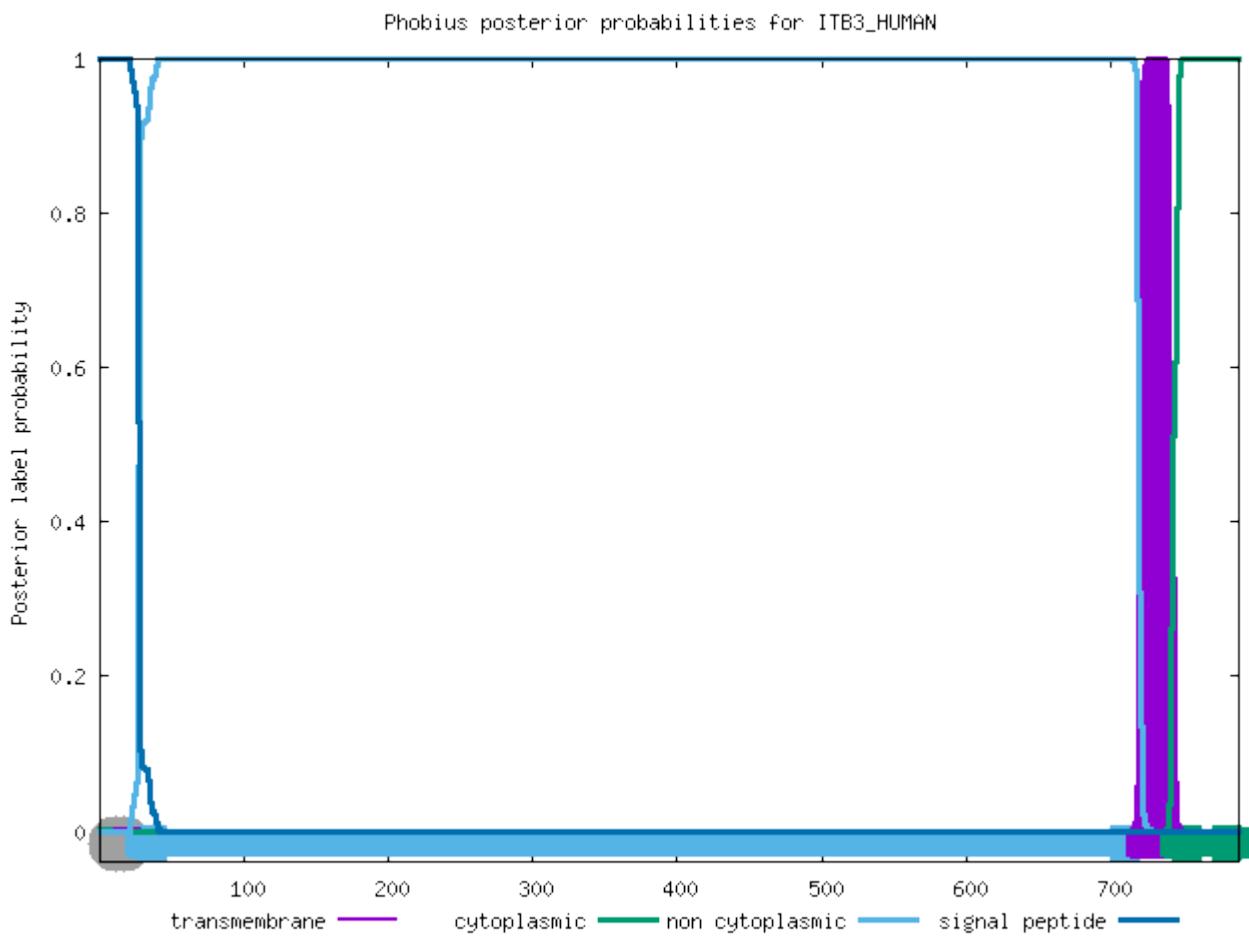
| | | | | |
|----|-------------|------|------|------------------|
| ID | ITA2B_HUMAN | | | |
| FT | SIGNAL | 1 | 31 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 22 | H-REGION. |
| FT | REGION | 23 | 31 | C-REGION. |
| FT | TOPO_DOM | 32 | 996 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 997 | 1019 | |
| FT | TOPO_DOM | 1020 | 1039 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITB3_HUMAN

| ID | ITB3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 21 | H-REGION. |
| FT | REGION | 22 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 718 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 719 | 741 | |
| FT | TOPO_DOM | 742 | 788 | CYTOPLASMIC. |
| // | | | | |

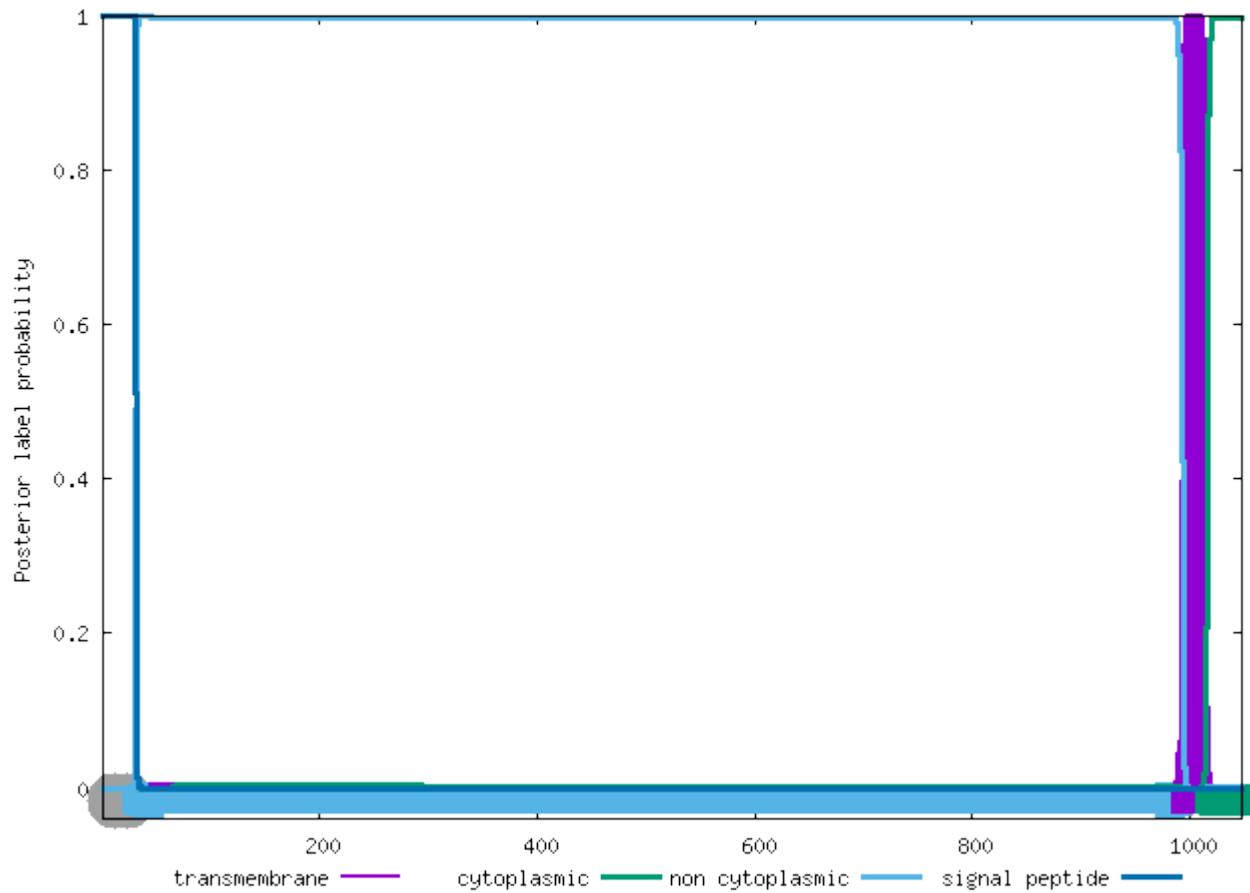


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITAV_HUMAN

| ID | ITAV_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | SIGNAL | 1 | 30 | |
| FT | REGION | 1 | 14 | N-REGION. |
| FT | REGION | 15 | 25 | H-REGION. |
| FT | REGION | 26 | 30 | C-REGION. |
| FT | TOPO_DOM | 31 | 993 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 994 | 1016 | |
| FT | TOPO_DOM | 1017 | 1048 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for ITAV_HUMAN

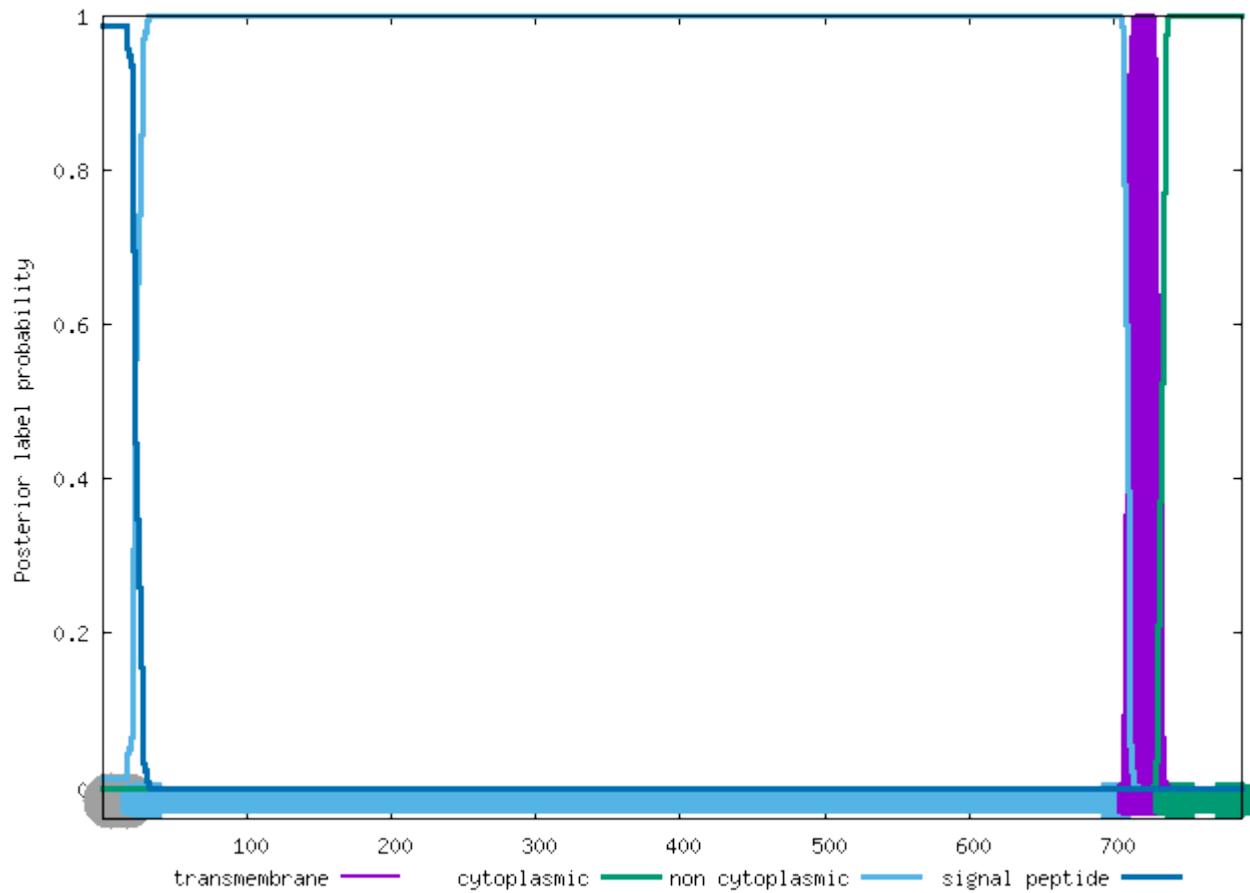


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITB6_HUMAN

| ID | ITB6_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 13 | H-REGION. |
| FT | REGION | 14 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 709 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 710 | 734 | |
| FT | TOPO_DOM | 735 | 788 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for ITB6_HUMAN

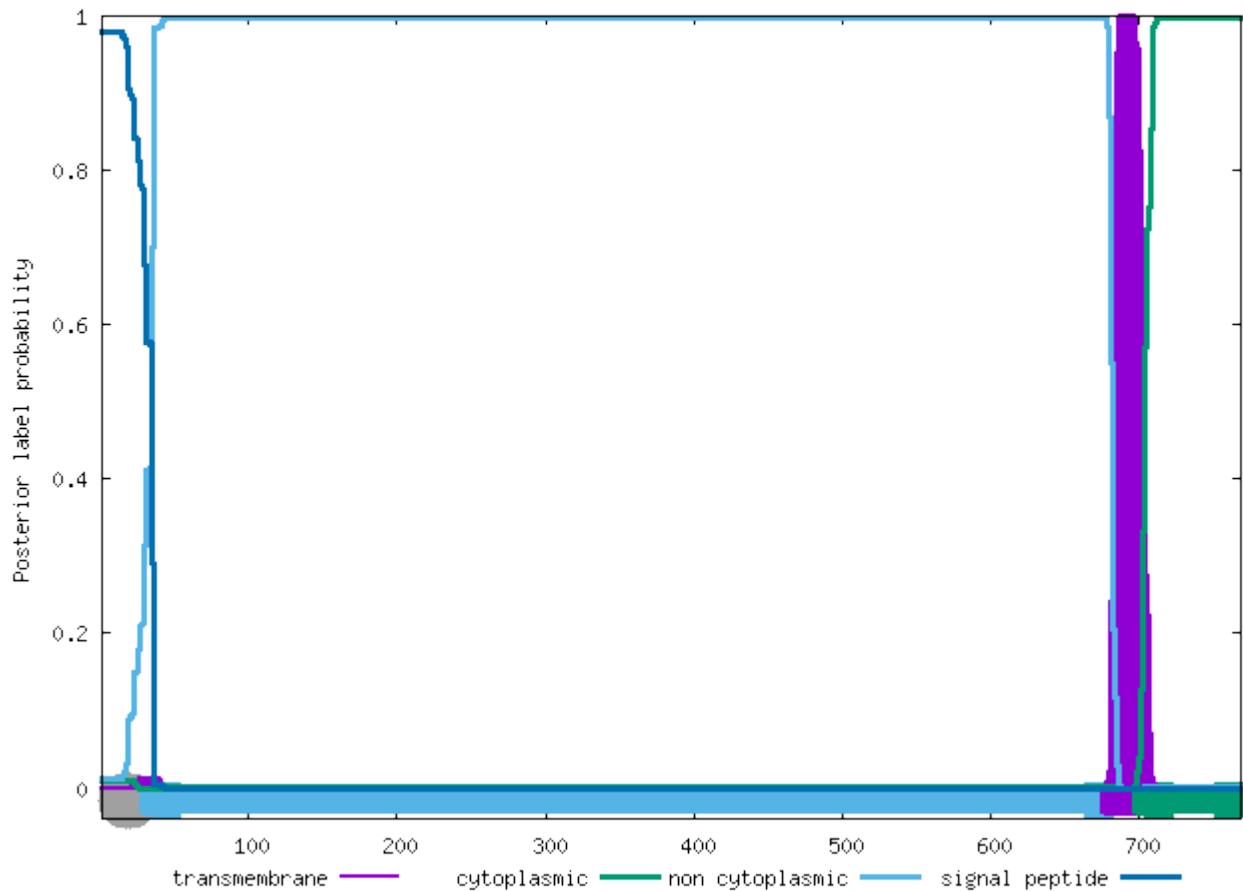


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITB8_HUMAN

| ID | ITB8_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 681 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 682 | 703 | |
| FT | TOPO_DOM | 704 | 769 | CYTOPLASMIC. |
| // | | | | |

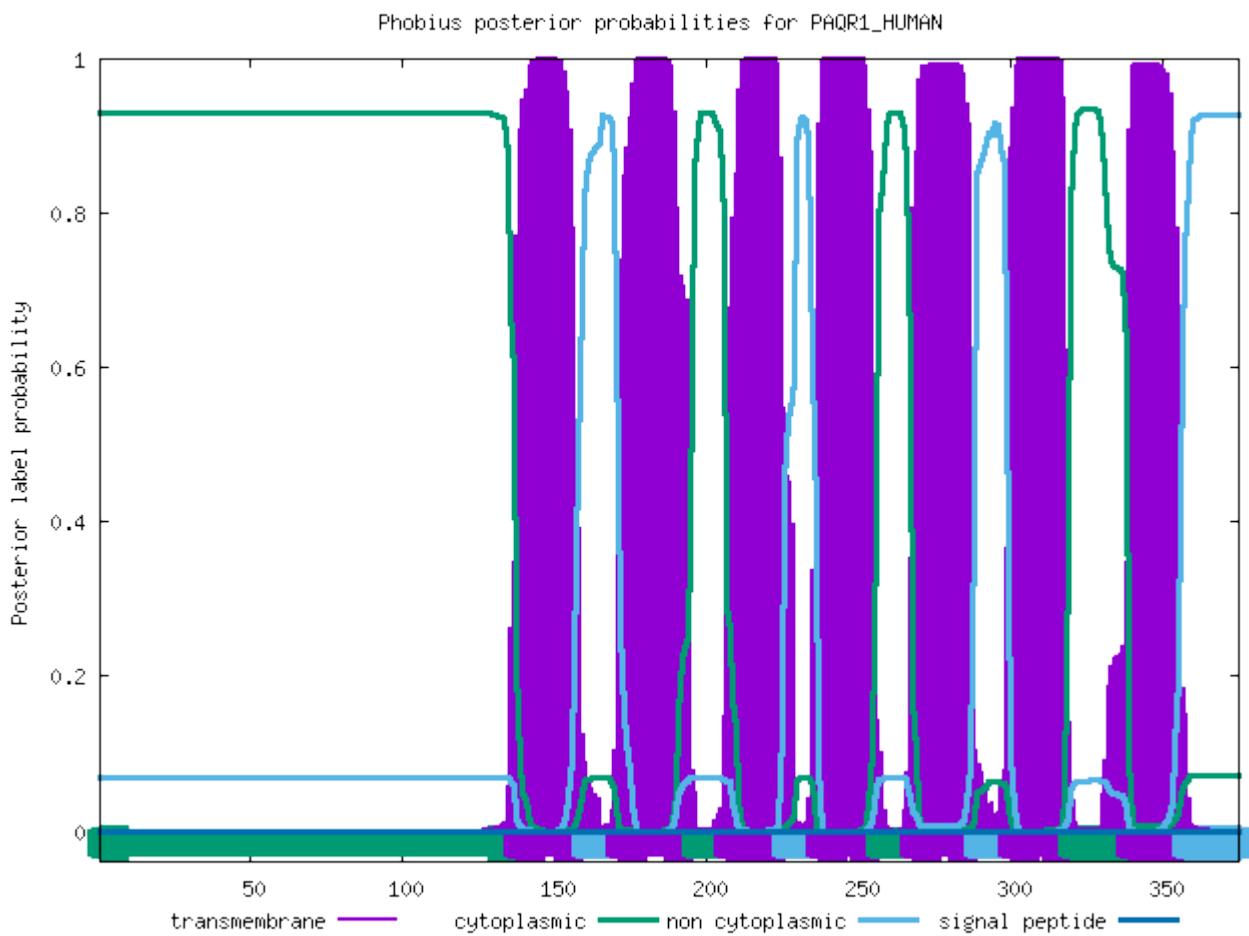
Phobius posterior probabilities for ITB8_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PAQR1_HUMAN

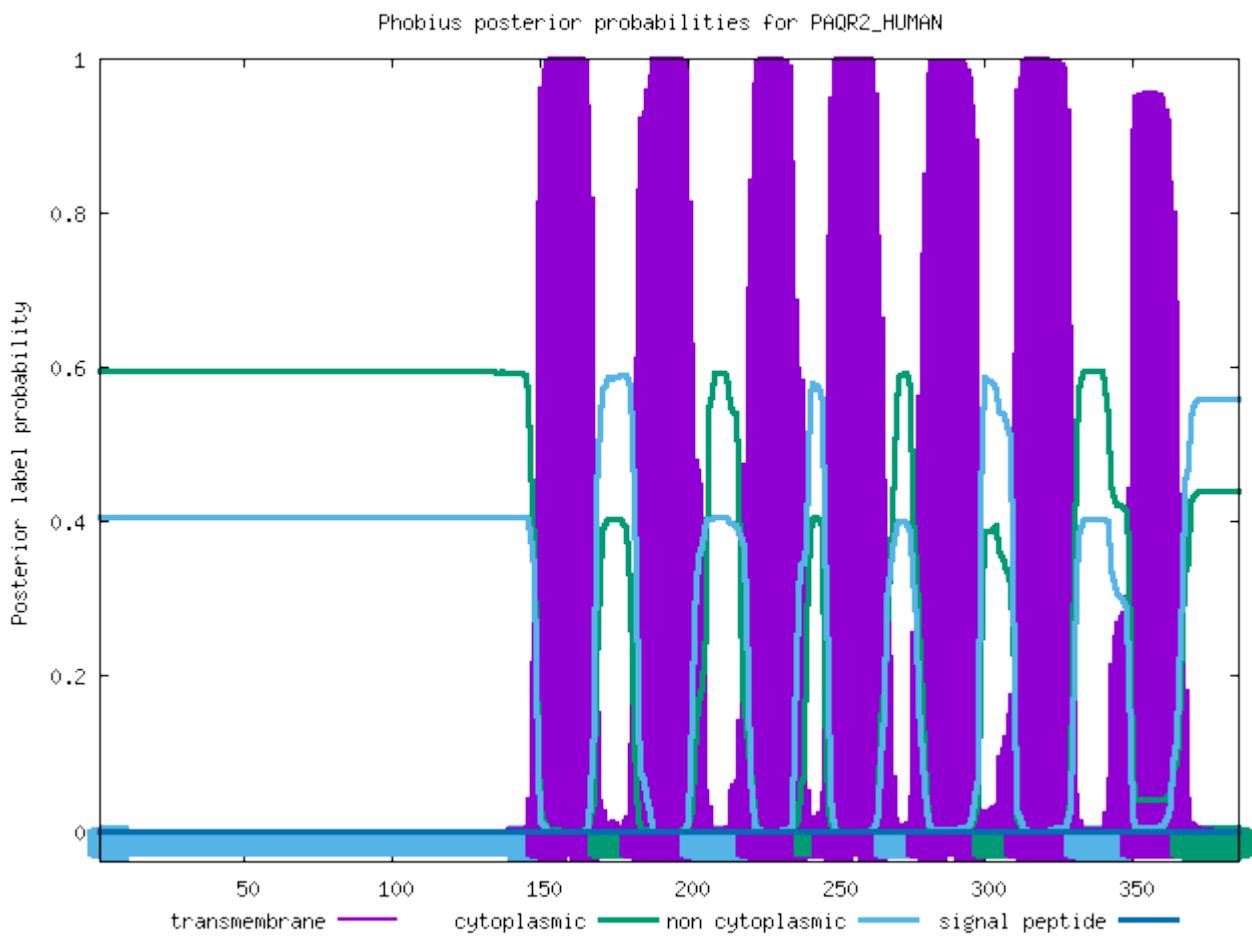
| ID | PAQR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 159 | |
| FT | TOPO_DOM | 160 | 170 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 195 | |
| FT | TOPO_DOM | 196 | 206 | CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 225 | |
| FT | TOPO_DOM | 226 | 236 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 256 | |
| FT | TOPO_DOM | 257 | 267 | CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 288 | |
| FT | TOPO_DOM | 289 | 299 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 319 | |
| FT | TOPO_DOM | 320 | 338 | CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 356 | |
| FT | TOPO_DOM | 357 | 375 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PAQR2_HUMAN

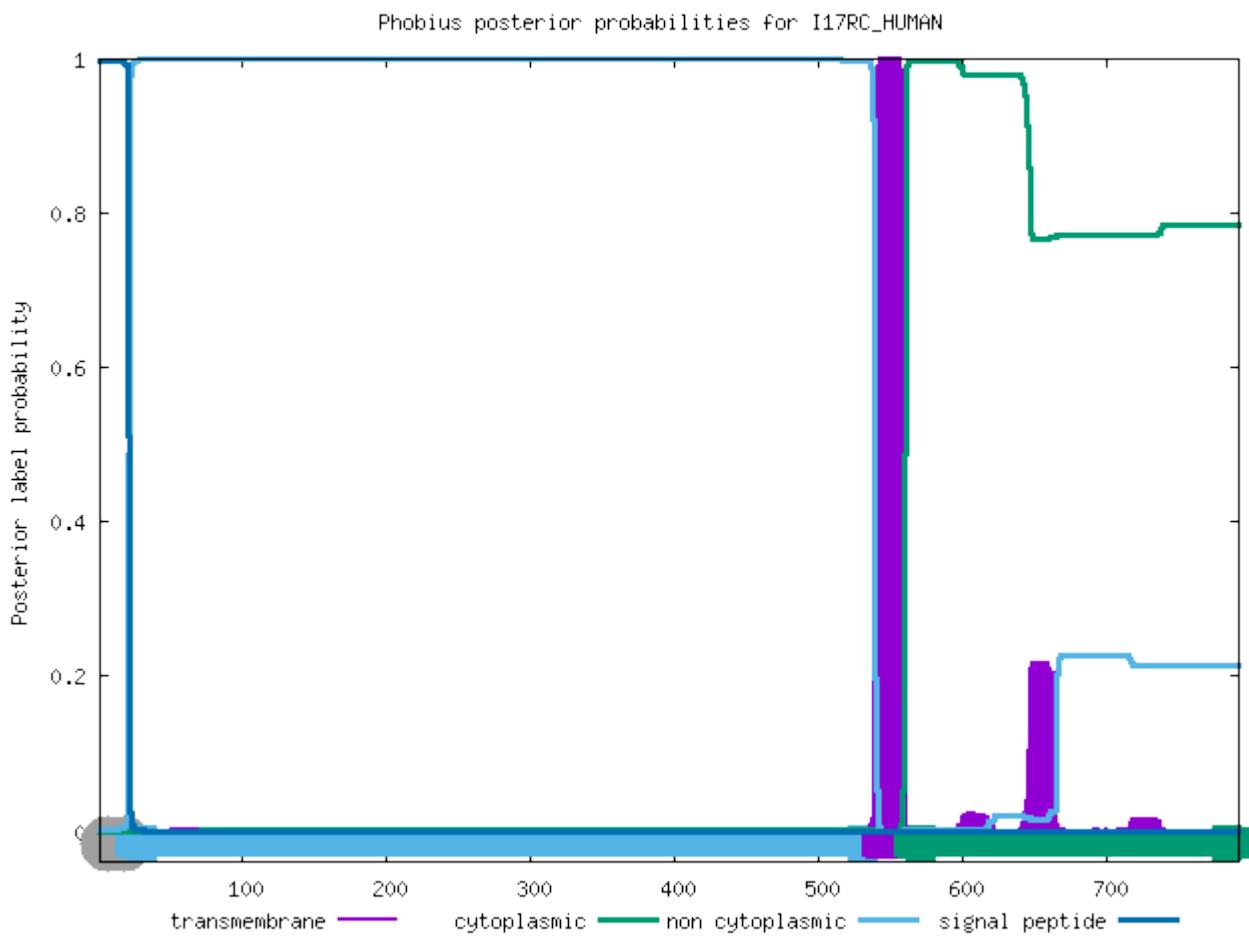
| ID | PAQR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 148 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 169 | |
| FT | TOPO_DOM | 170 | 180 | CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 200 | |
| FT | TOPO_DOM | 201 | 219 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 220 | 239 | |
| FT | TOPO_DOM | 240 | 245 | CYTOPLASMIC. |
| FT | TRANSMEM | 246 | 266 | |
| FT | TOPO_DOM | 267 | 277 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 278 | 299 | |
| FT | TOPO_DOM | 300 | 310 | CYTOPLASMIC. |
| FT | TRANSMEM | 311 | 330 | |
| FT | TOPO_DOM | 331 | 349 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 350 | 366 | |
| FT | TOPO_DOM | 367 | 386 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of I17RC_HUMAN

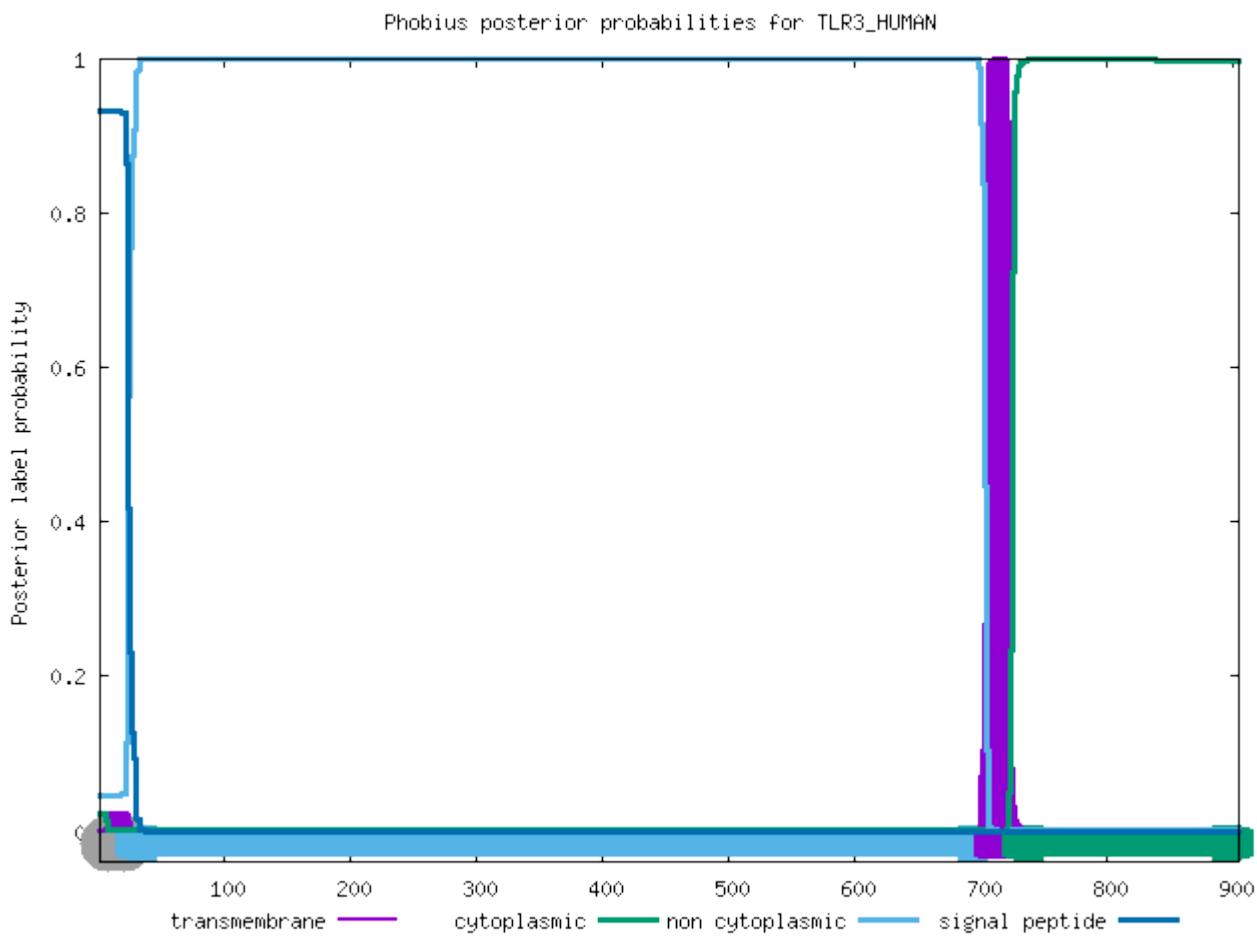
| ID | I17RC_HUMAN | | |
|----|-------------|-----|------------------|
| FT | SIGNAL | 1 | 20 |
| FT | REGION | 1 | 2 |
| | | | N-REGION. |
| FT | REGION | 3 | 12 |
| | | | H-REGION. |
| FT | REGION | 13 | 20 |
| | | | C-REGION. |
| FT | TOPO_DOM | 21 | 538 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 539 | 559 |
| | | | |
| FT | TOPO_DOM | 560 | 791 |
| | | | CYTOPLASMIC. |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TLR3_HUMAN

| ID | TLR3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 23 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 23 | C-REGION. |
| FT | TOPO_DOM | 24 | 703 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 704 | 725 | |
| FT | TOPO_DOM | 726 | 904 | CYTOPLASMIC. |
| // | | | | |

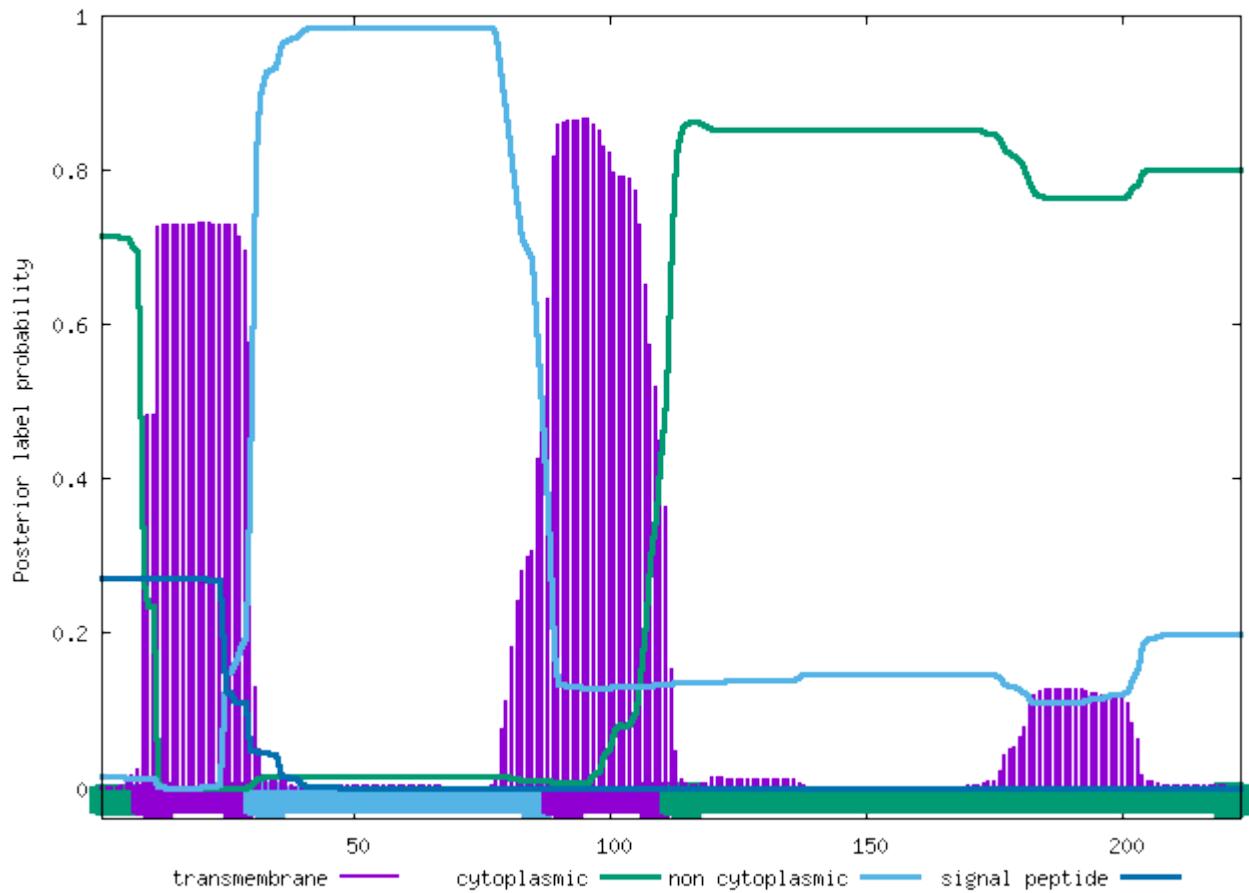


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SGMR1_HUMAN

| ID | SGMR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 8 | CYTOPLASMIC. |
| FT | TRANSMEM | 9 | 30 | |
| FT | TOPO_DOM | 31 | 88 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 111 | |
| FT | TOPO_DOM | 112 | 223 | CYTOPLASMIC. |
| // | | | | |

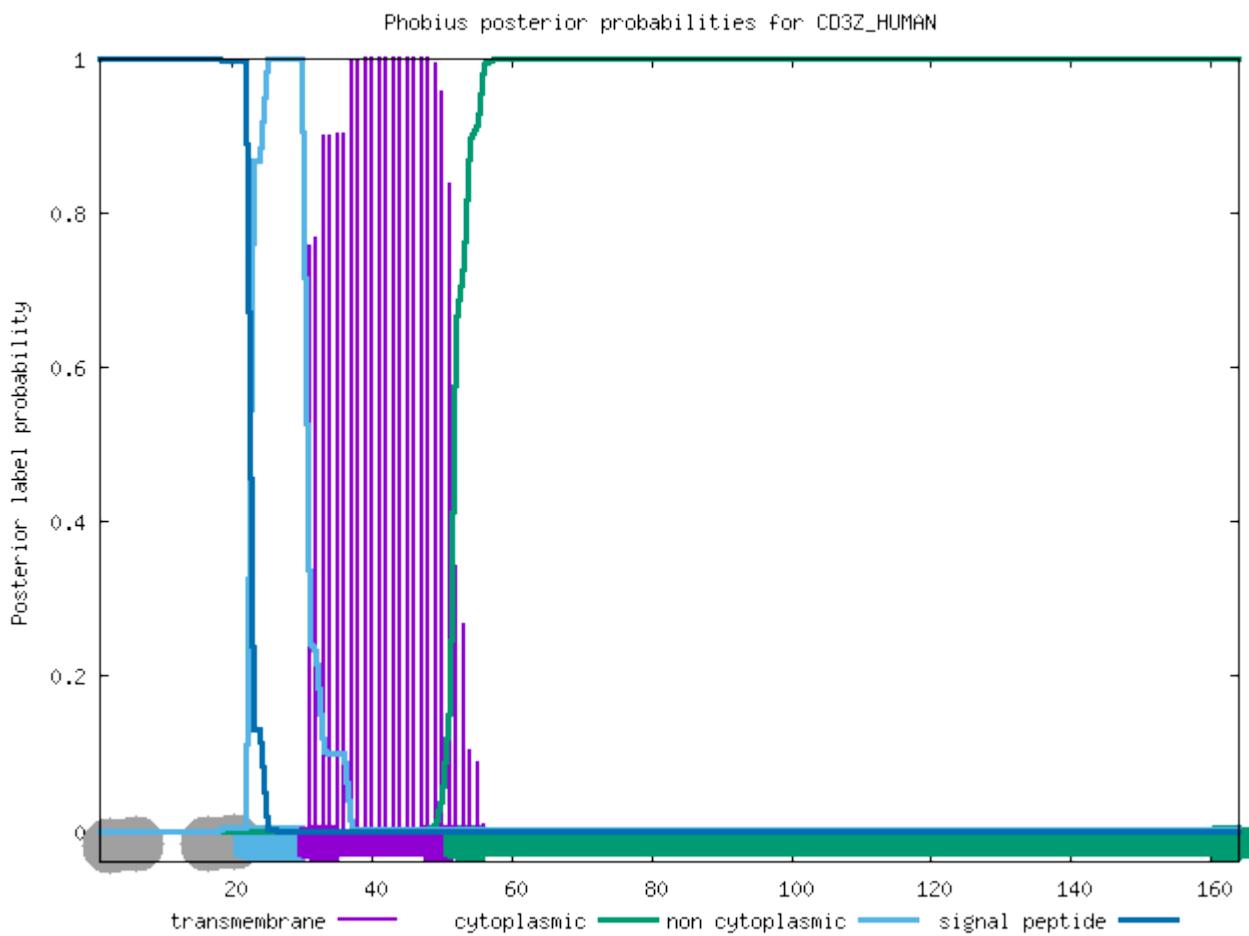
Phobius posterior probabilities for SGMR1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD3Z_HUMAN

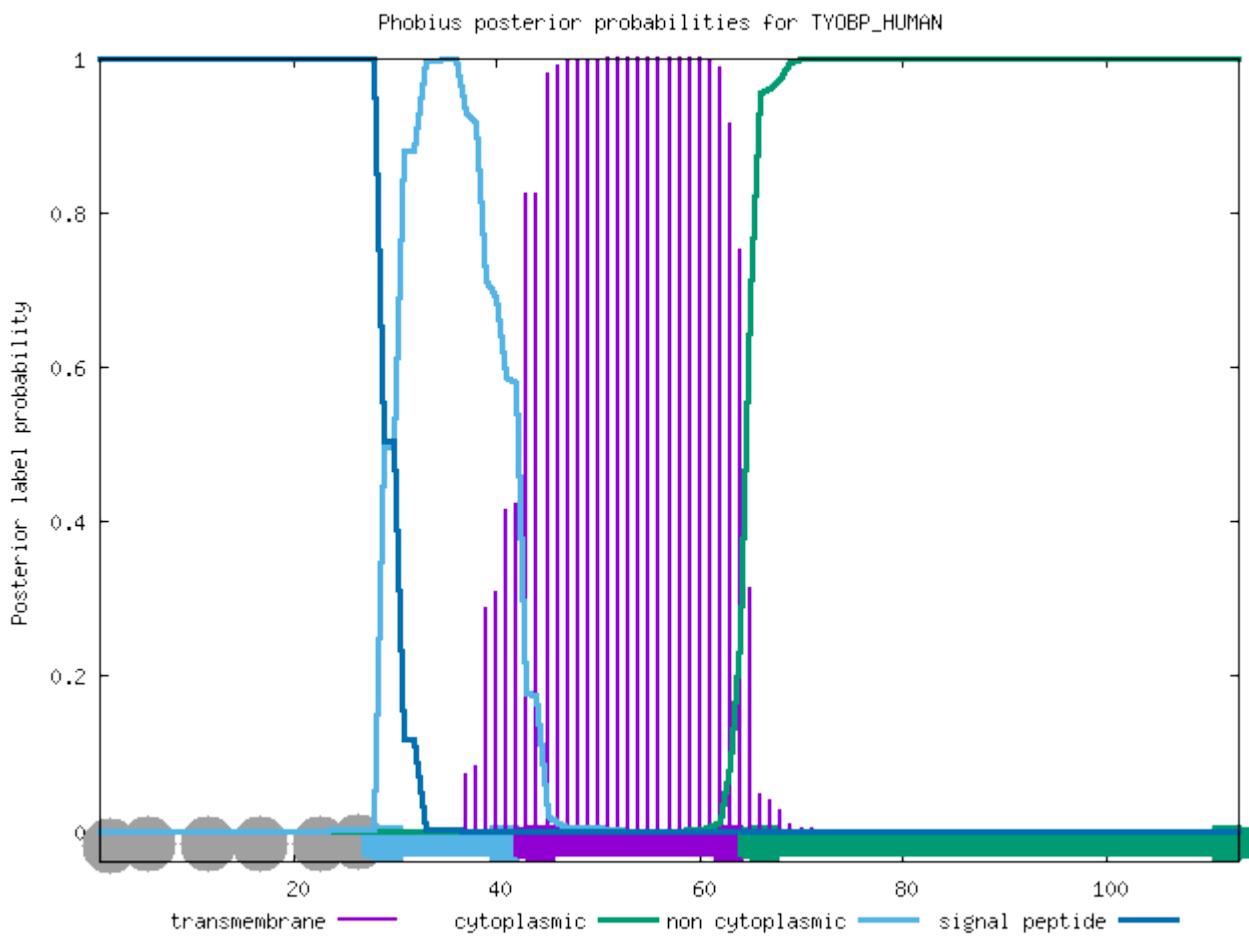
| ID | CD3Z_HUMAN | | | |
|----|------------|----|-----|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 51 | |
| FT | TOPO_DOM | 52 | 164 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TYOBP_HUMAN

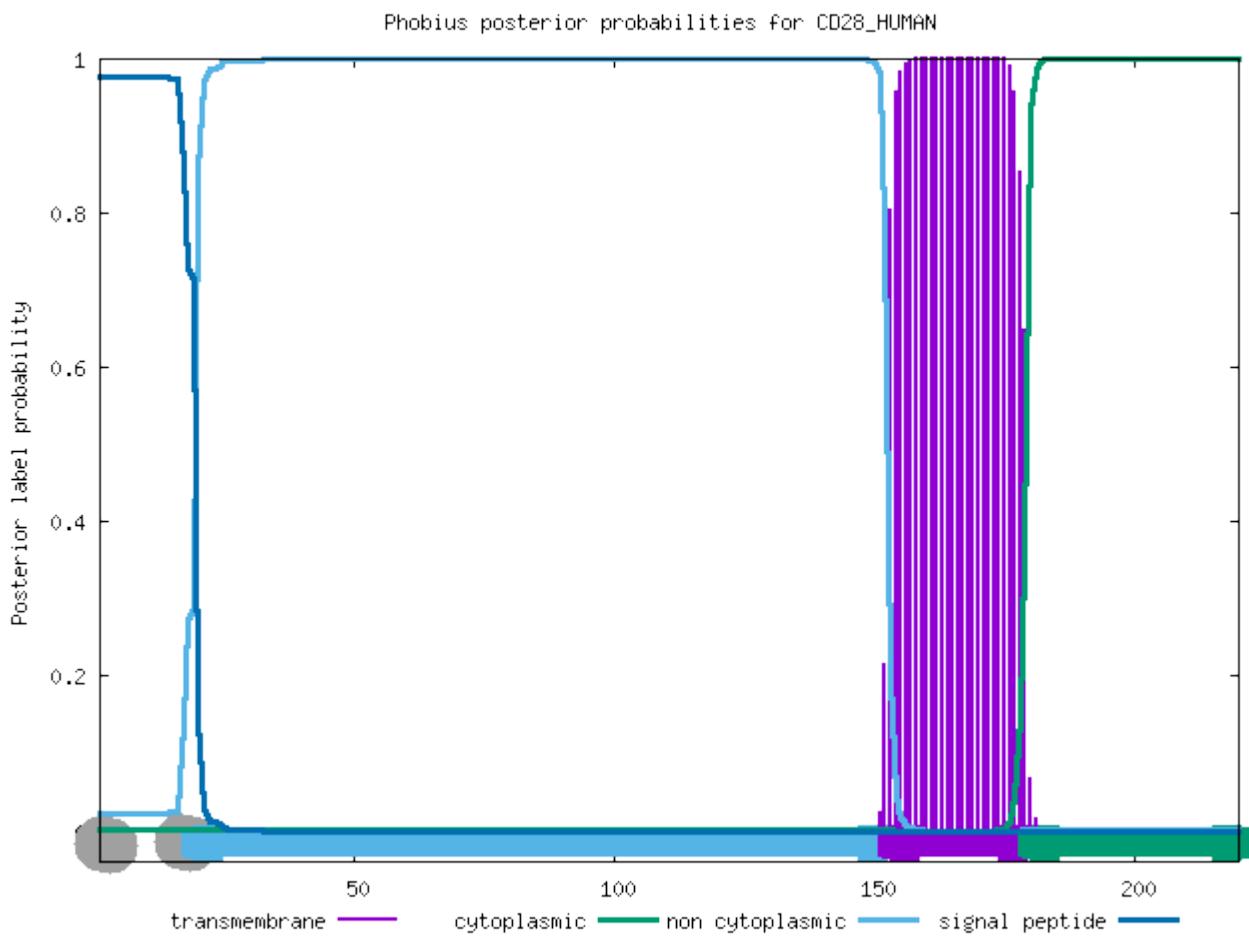
| ID | TYOBP_HUMAN | | | |
|----|-------------|----|-----|------------------|
| FT | SIGNAL | 1 | 27 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 22 | H-REGION. |
| FT | REGION | 23 | 27 | C-REGION. |
| FT | TOPO_DOM | 28 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 64 | |
| FT | TOPO_DOM | 65 | 113 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CD28_HUMAN

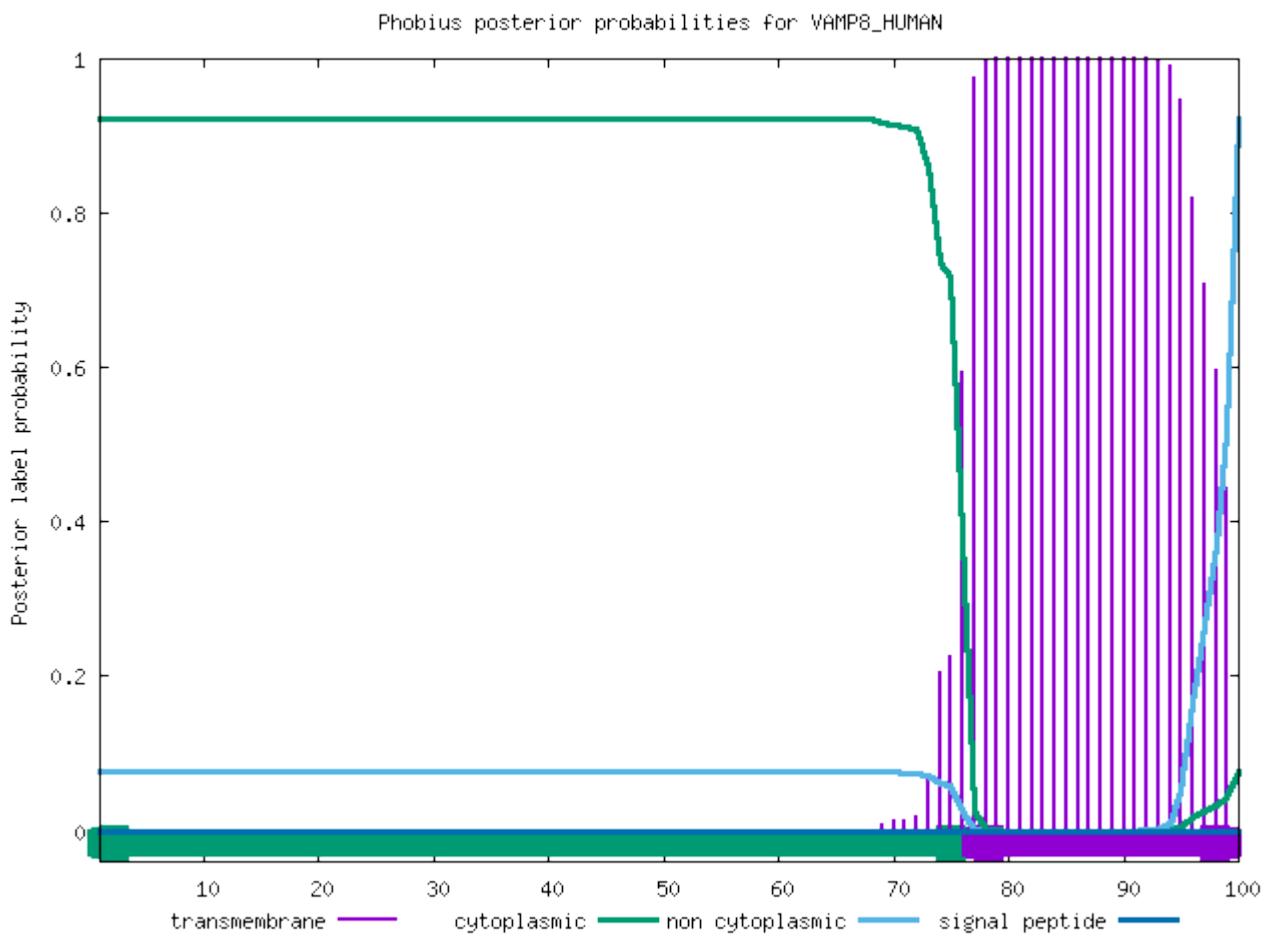
| ID | CD28_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 18 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 14 | H-REGION. |
| FT | REGION | 15 | 18 | C-REGION. |
| FT | TOPO_DOM | 19 | 152 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 179 | |
| FT | TOPO_DOM | 180 | 220 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VAMP8_HUMAN

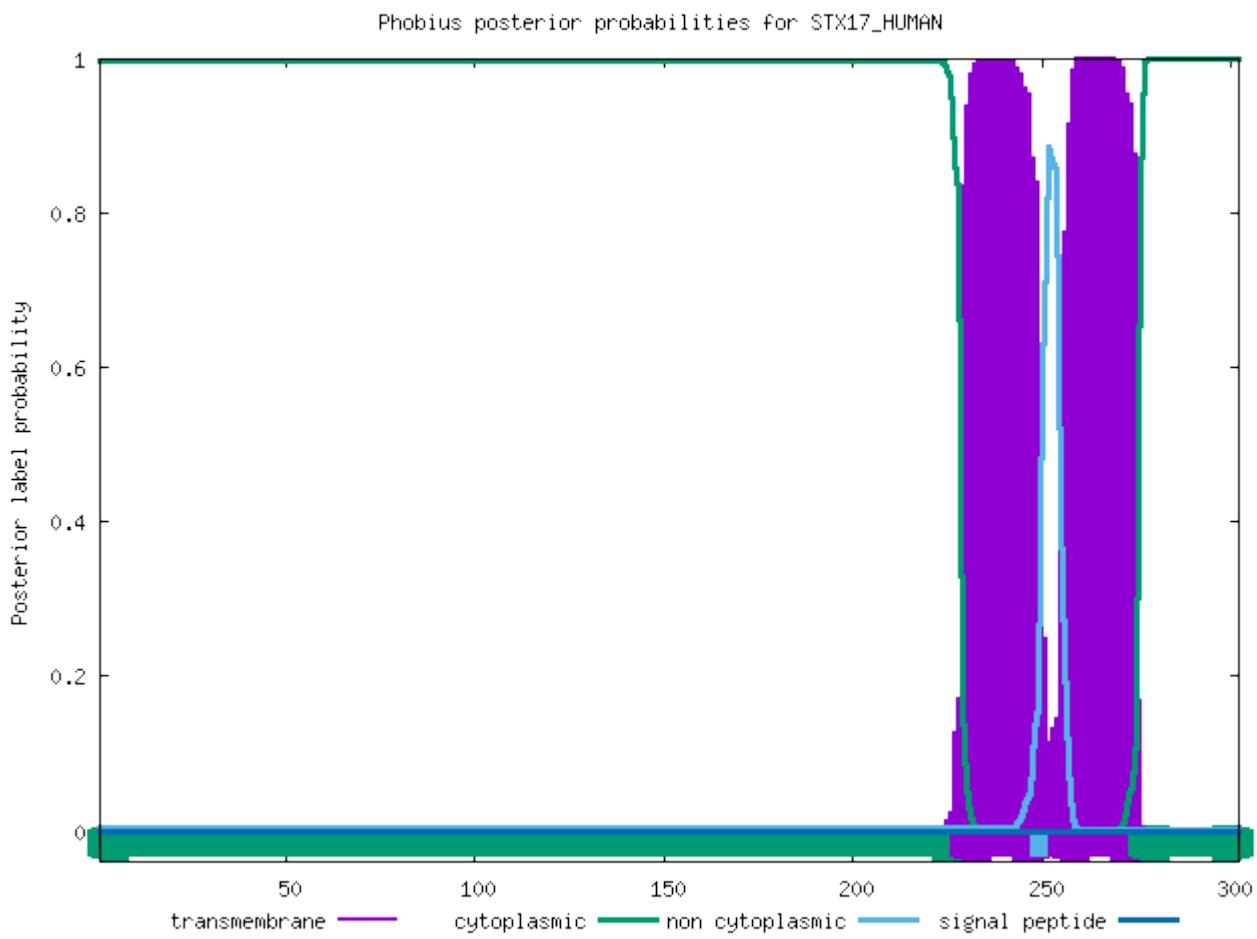
| | | | | |
|----|-------------|-----|-----|------------------|
| ID | VAMP8_HUMAN | | | |
| FT | TOPO_DOM | 1 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 99 | |
| FT | TOPO_DOM | 100 | 100 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STX17_HUMAN

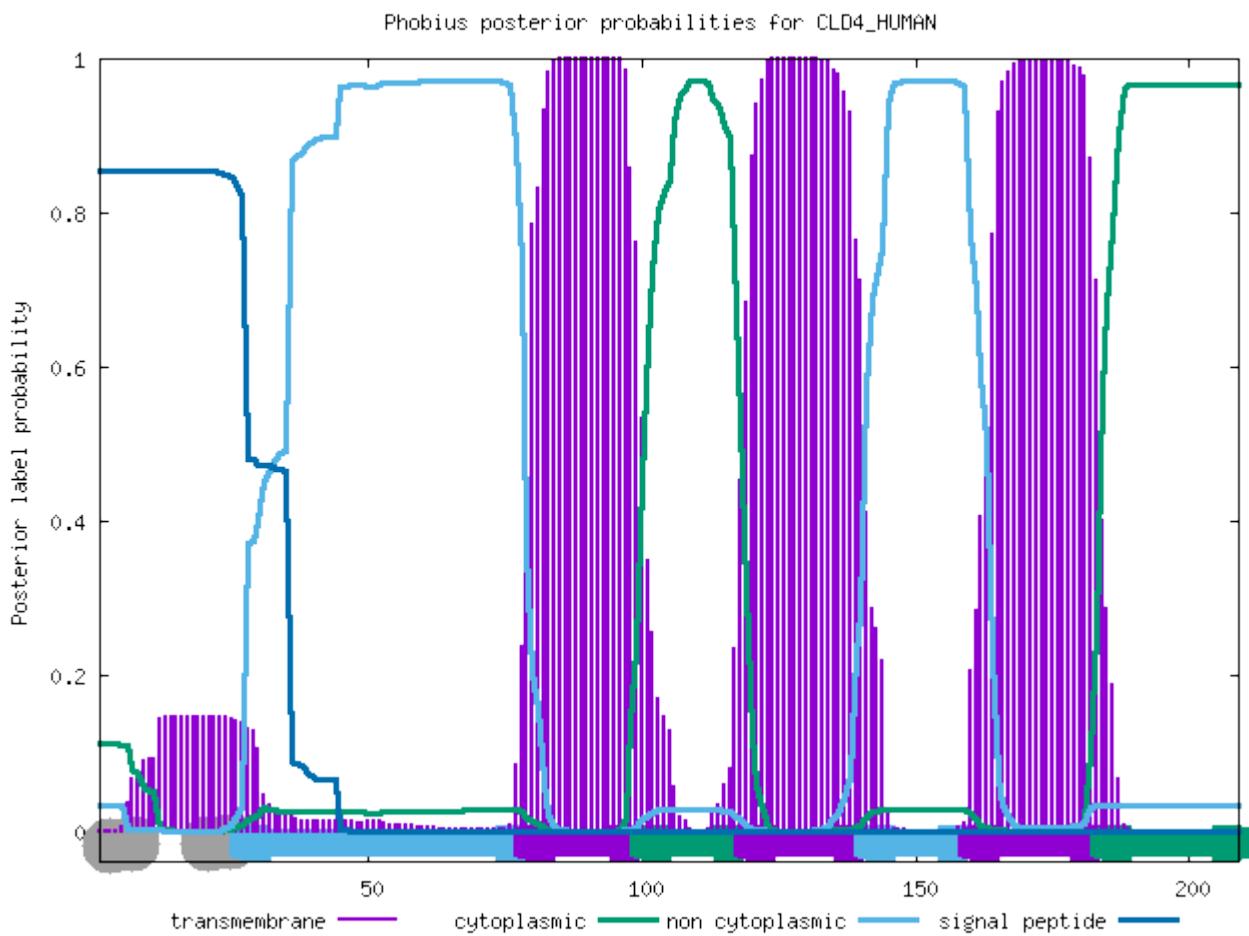
| | | | | |
|----|-------------|-----|-----|------------------|
| ID | STX17_HUMAN | | | |
| FT | TOPO_DOM | 1 | 228 | CYTOPLASMIC. |
| FT | TRANSMEM | 229 | 249 | |
| FT | TOPO_DOM | 250 | 254 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 275 | |
| FT | TOPO_DOM | 276 | 302 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLD4_HUMAN

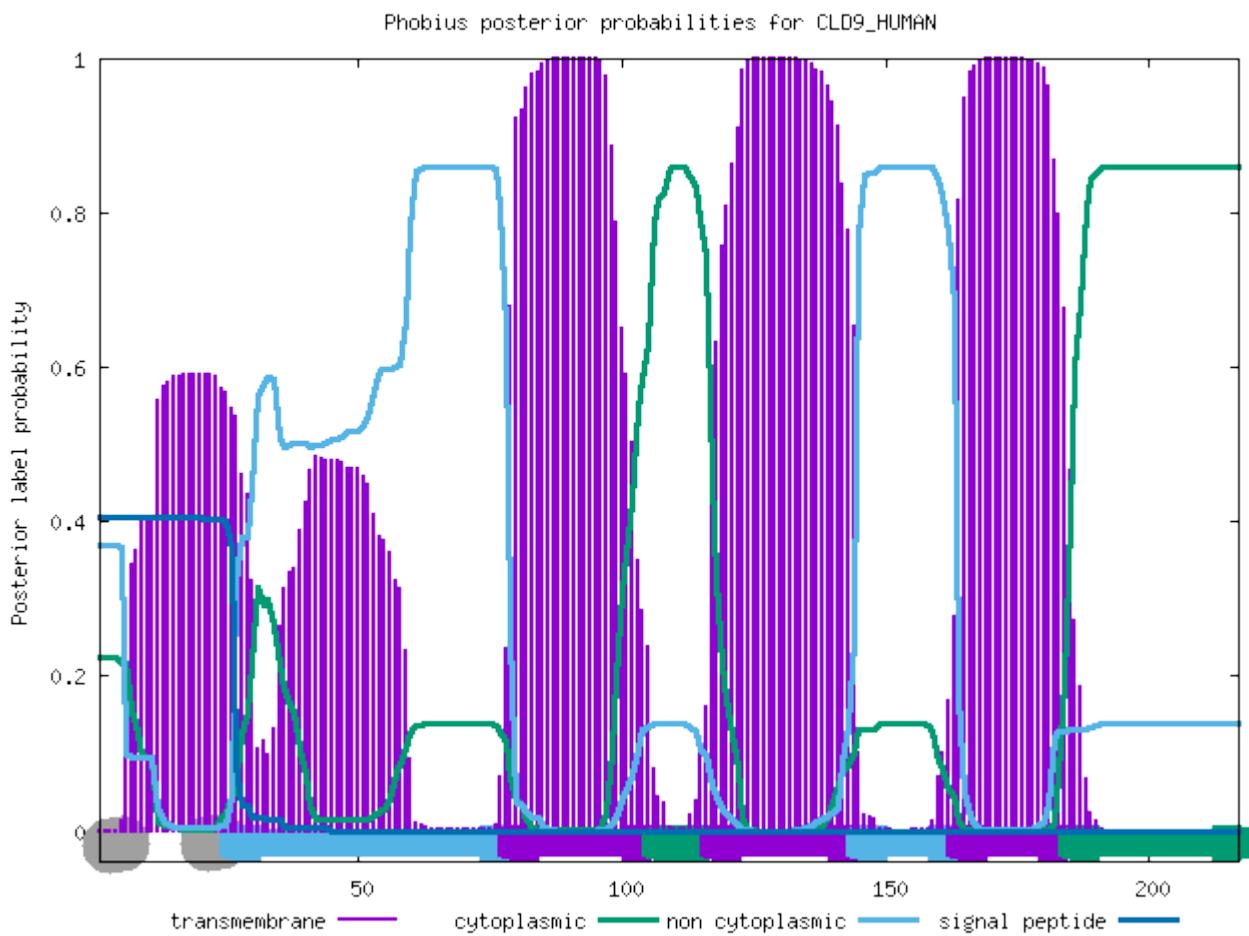
| ID | CLD4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 21 | H-REGION. |
| FT | REGION | 22 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 78 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 99 | |
| FT | TOPO_DOM | 100 | 118 | CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 140 | |
| FT | TOPO_DOM | 141 | 159 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 183 | |
| FT | TOPO_DOM | 184 | 209 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLD9_HUMAN

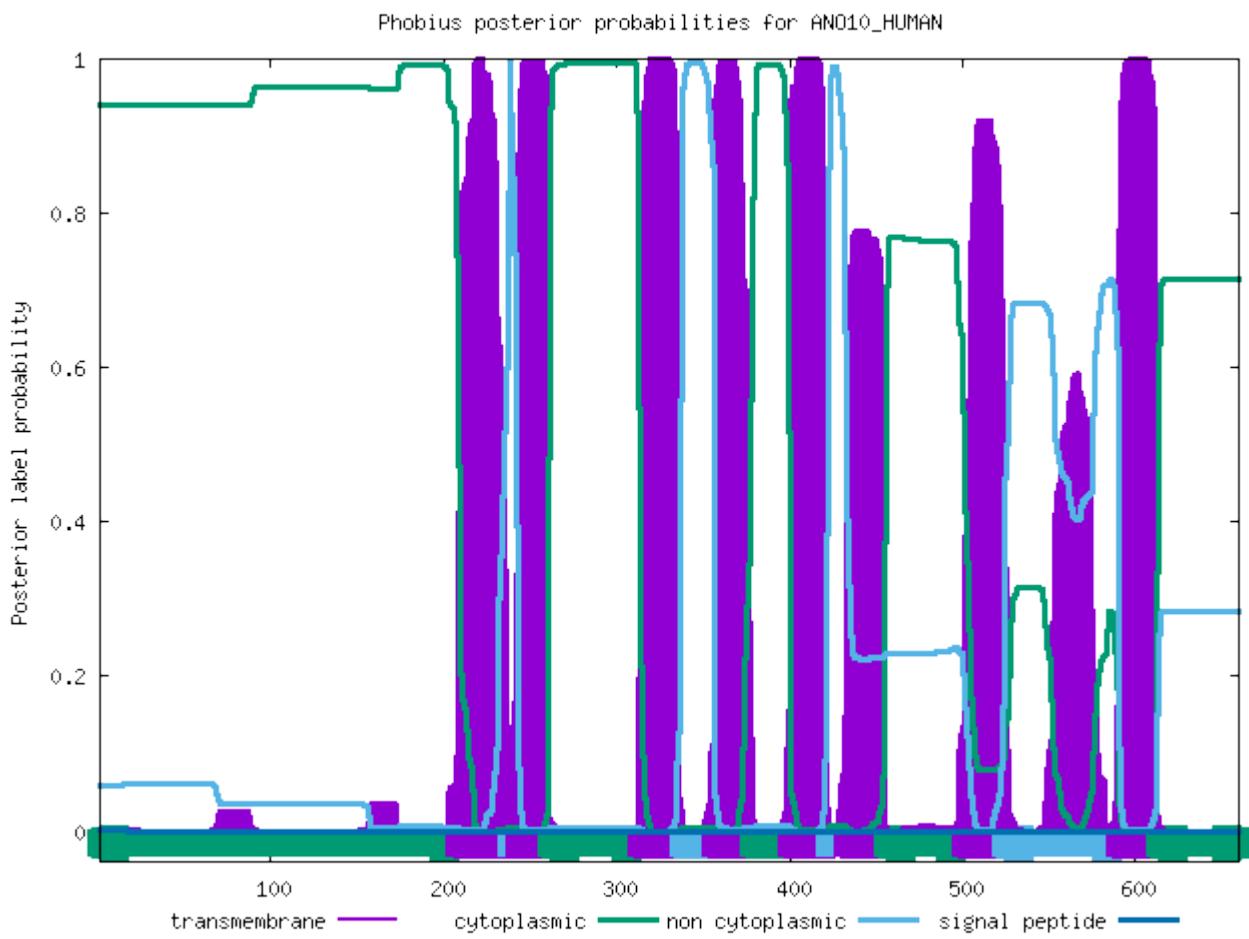
| ID | CLD9_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 78 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 105 | |
| FT | TOPO_DOM | 106 | 116 | CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 144 | |
| FT | TOPO_DOM | 145 | 163 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 184 | |
| FT | TOPO_DOM | 185 | 217 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ANO10_HUMAN

| ID | ANO10_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 207 | CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 237 | |
| FT | TOPO_DOM | 238 | 242 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 243 | 261 | |
| FT | TOPO_DOM | 262 | 313 | CYTOPLASMIC. |
| FT | TRANSMEM | 314 | 337 | |
| FT | TOPO_DOM | 338 | 356 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 377 | |
| FT | TOPO_DOM | 378 | 399 | CYTOPLASMIC. |
| FT | TRANSMEM | 400 | 421 | |
| FT | TOPO_DOM | 422 | 432 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 433 | 455 | |
| FT | TOPO_DOM | 456 | 500 | CYTOPLASMIC. |
| FT | TRANSMEM | 501 | 524 | |
| FT | TOPO_DOM | 525 | 590 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 591 | 613 | |
| FT | TOPO_DOM | 614 | 660 | CYTOPLASMIC. |
| // | | | | |

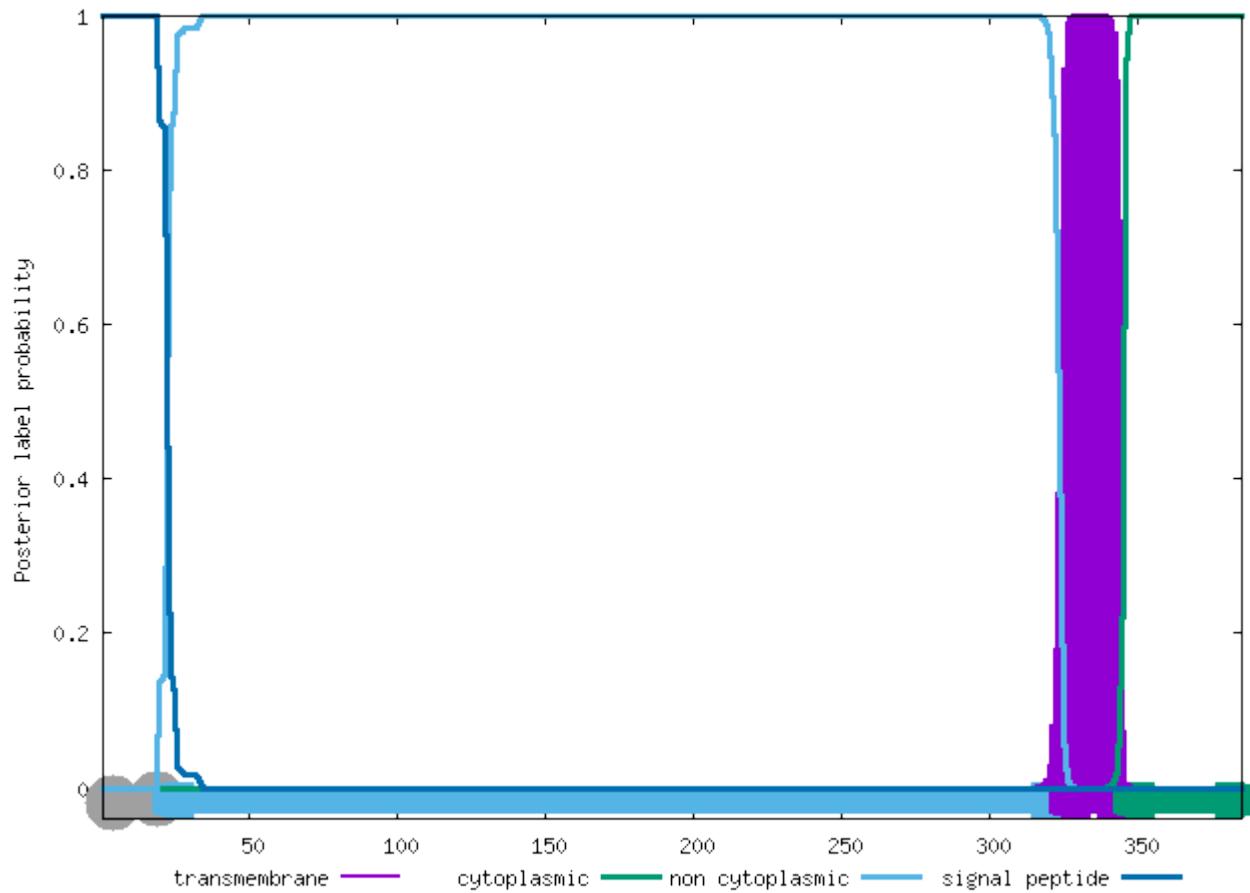


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BASI_HUMAN

| ID | BASI_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 323 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 324 | 345 | |
| FT | TOPO_DOM | 346 | 385 | CYTOPLASMIC. |
| // | | | | |

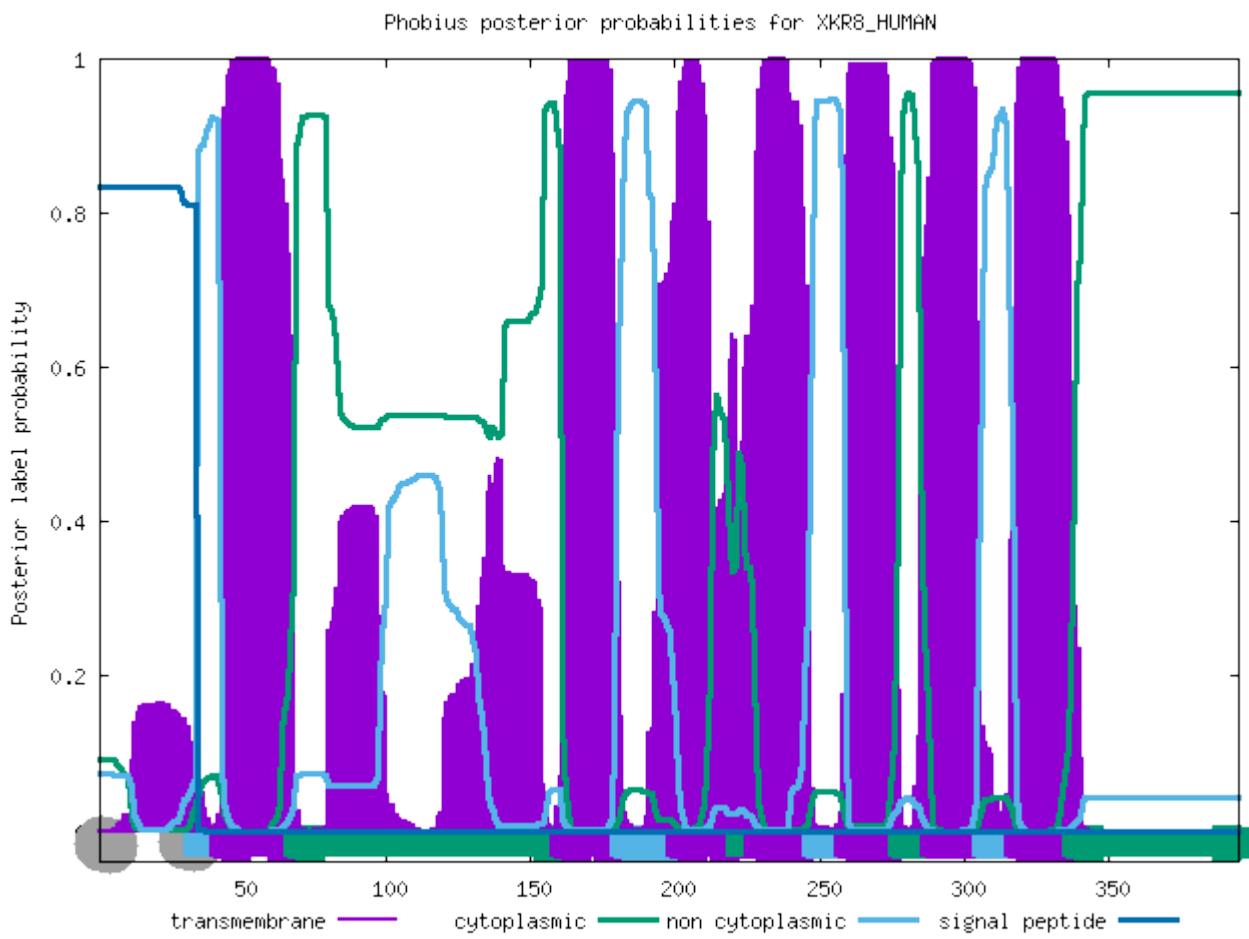
Phobius posterior probabilities for BASI_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of XKR8_HUMAN

| ID | XKR8_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 33 | |
| FT | REGION | 1 | 12 | N-REGION. |
| FT | REGION | 13 | 25 | H-REGION. |
| FT | REGION | 26 | 33 | C-REGION. |
| FT | TOPO_DOM | 34 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 68 | |
| FT | TOPO_DOM | 69 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 181 | |
| FT | TOPO_DOM | 182 | 200 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 201 | 221 | |
| FT | TOPO_DOM | 222 | 227 | CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 247 | |
| FT | TOPO_DOM | 248 | 258 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 259 | 277 | |
| FT | TOPO_DOM | 278 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 306 | |
| FT | TOPO_DOM | 307 | 317 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 337 | |
| FT | TOPO_DOM | 338 | 395 | CYTOPLASMIC. |
| // | | | | |

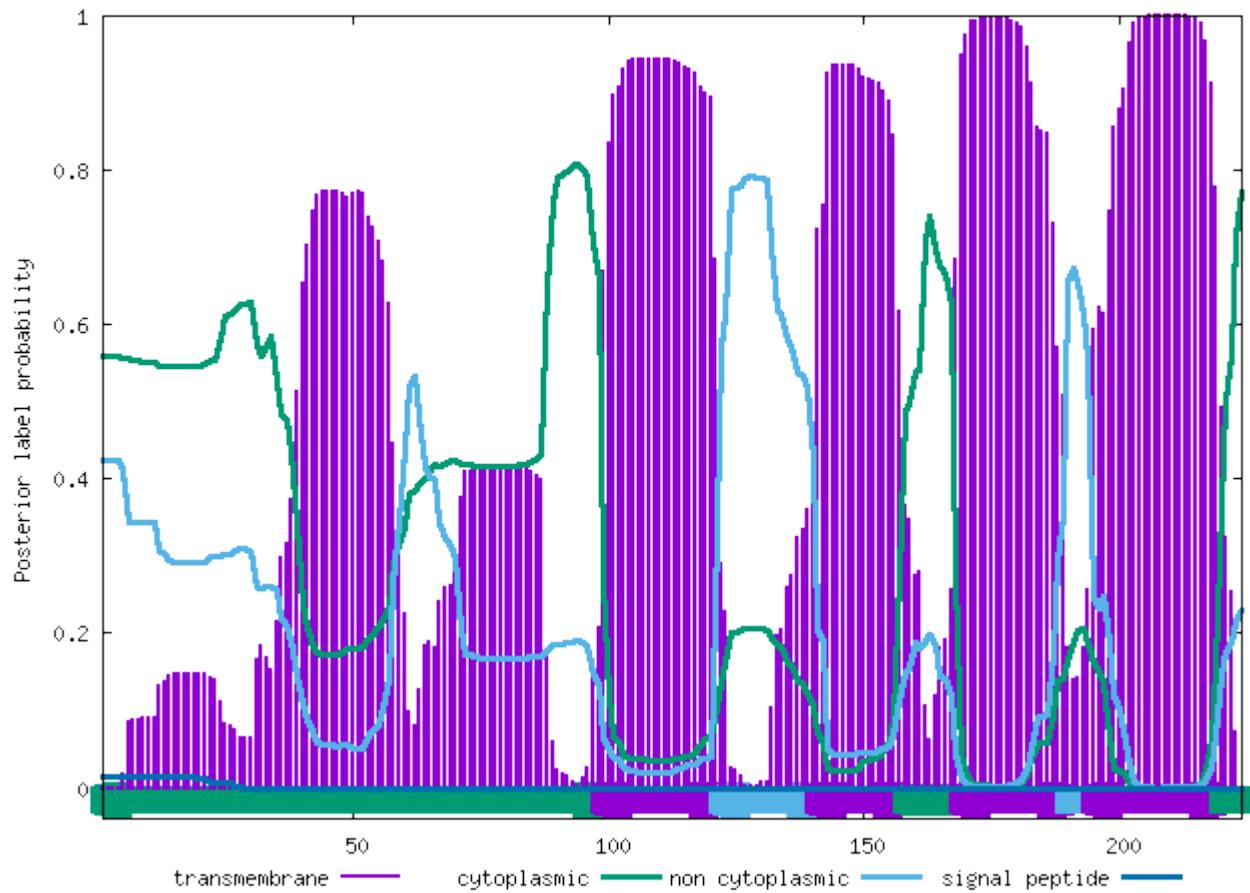


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TM147_HUMAN

| ID | TM147_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 98 | CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 121 | |
| FT | TOPO_DOM | 122 | 140 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 157 | |
| FT | TOPO_DOM | 158 | 168 | CYTOPLASMIC. |
| FT | TRANSMEM | 169 | 189 | |
| FT | TOPO_DOM | 190 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 219 | |
| FT | TOPO_DOM | 220 | 224 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for TM147_HUMAN

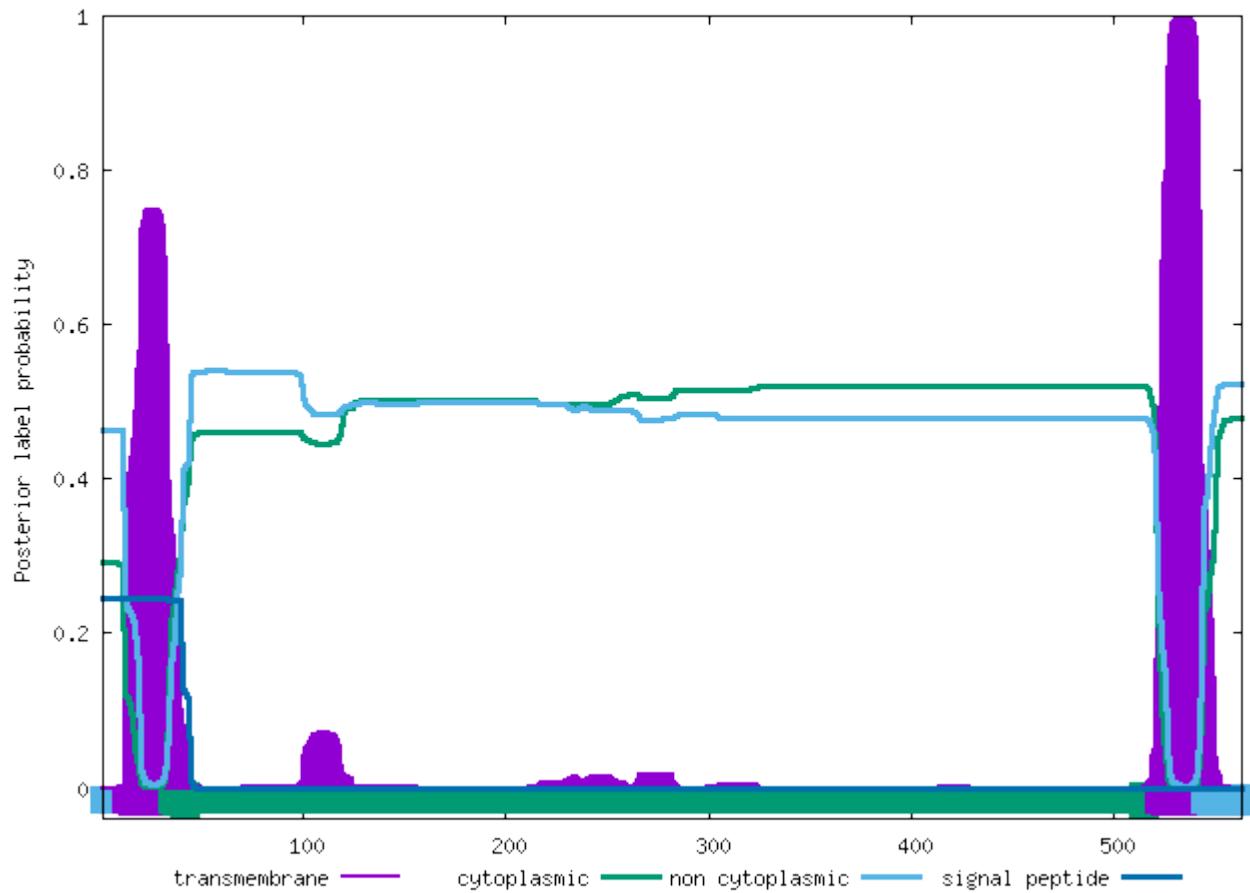


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NCLN_HUMAN

| ID | NCLN_HUMAN | |
|----|------------------|------------------|
| FT | TOPO_DOM 1 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM 12 34 | |
| FT | TOPO_DOM 35 521 | CYTOPLASMIC. |
| FT | TRANSMEM 522 543 | |
| FT | TOPO_DOM 544 563 | NON CYTOPLASMIC. |
| // | | |

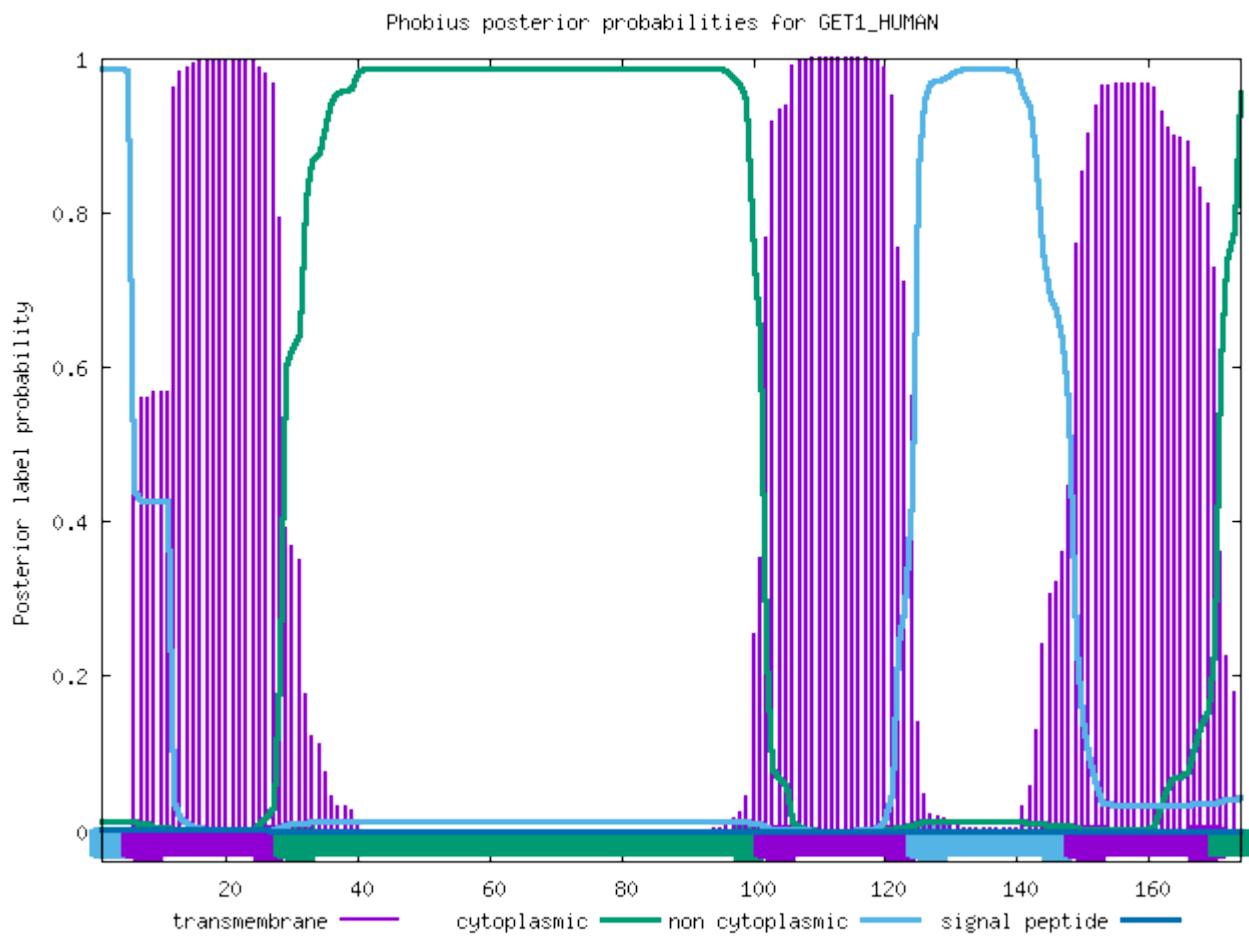
Phobius posterior probabilities for NCLN_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GET1_HUMAN

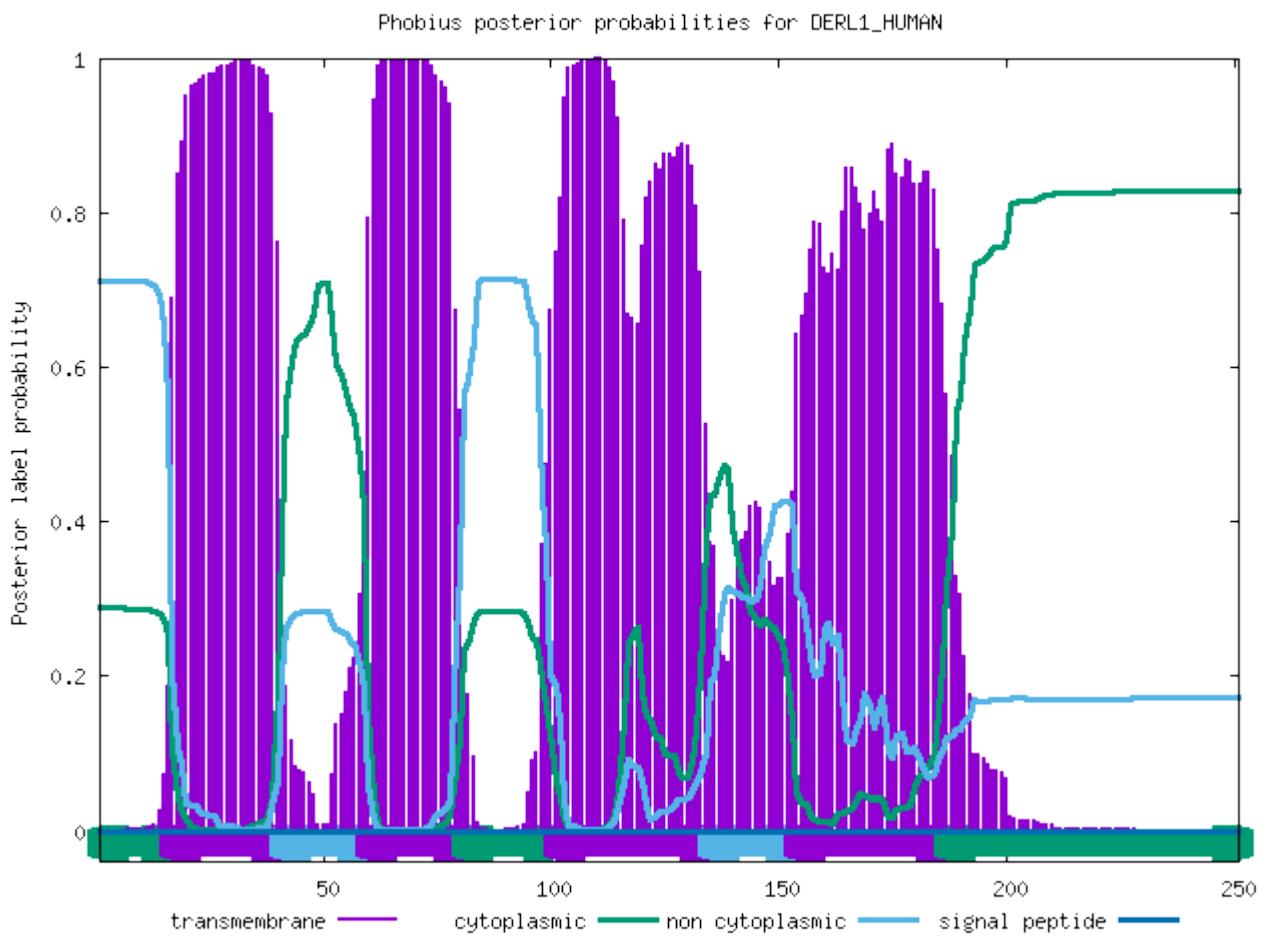
| | | | | |
|----|------------|-----|-----|------------------|
| ID | GET1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 28 | |
| FT | TOPO_DOM | 29 | 101 | CYTOPLASMIC. |
| FT | TRANSMEM | 102 | 124 | |
| FT | TOPO_DOM | 125 | 148 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 170 | |
| FT | TOPO_DOM | 171 | 174 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DERL1_HUMAN

| ID | DERL1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 16 | CYTOPLASMIC. |
| FT | TRANSMEM | 17 | 40 | |
| FT | TOPO_DOM | 41 | 59 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 60 | 80 | |
| FT | TOPO_DOM | 81 | 100 | CYTOPLASMIC. |
| FT | TRANSMEM | 101 | 134 | |
| FT | TOPO_DOM | 135 | 153 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 186 | |
| FT | TOPO_DOM | 187 | 251 | CYTOPLASMIC. |
| // | | | | |

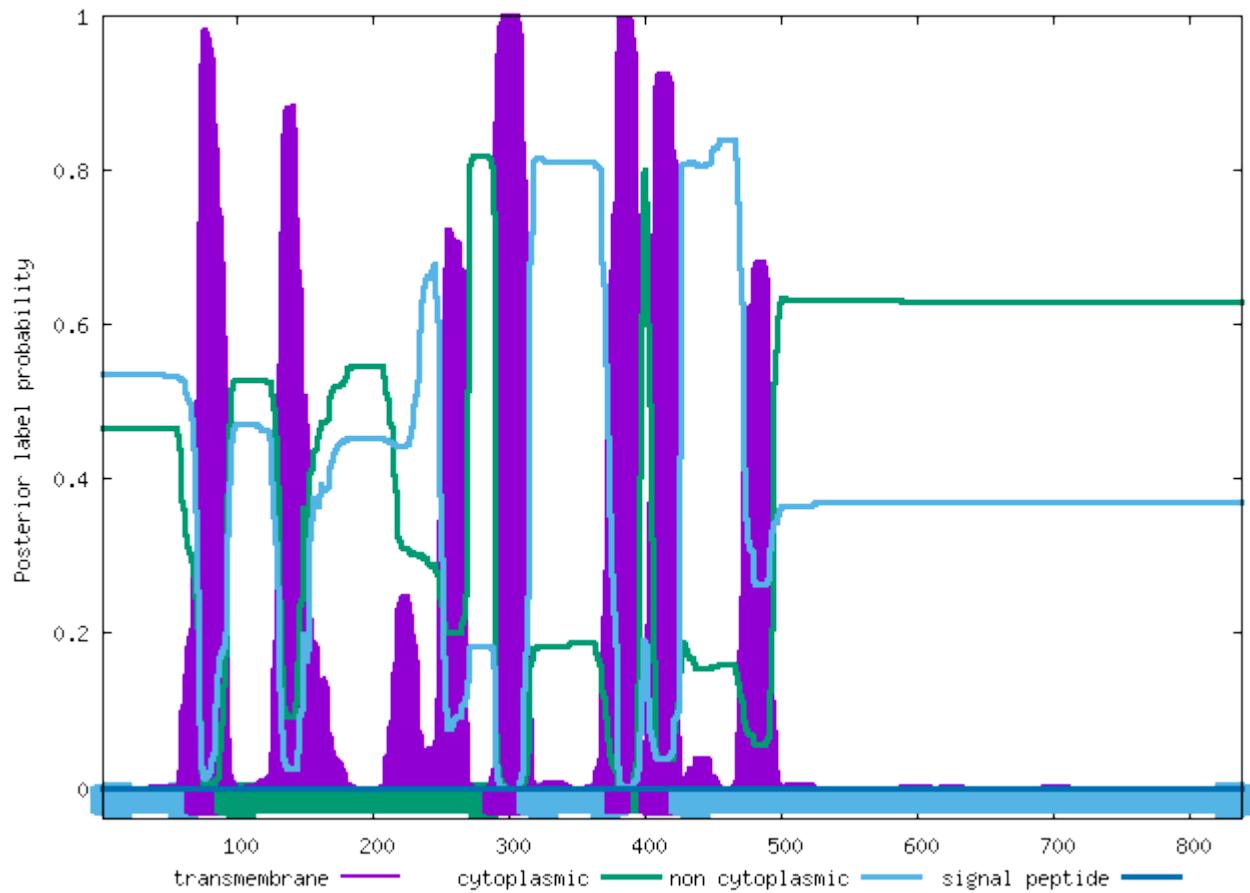


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATG9A_HUMAN

| ID | ATG9A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 69 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 92 | |
| FT | TOPO_DOM | 93 | 289 | CYTOPLASMIC. |
| FT | TRANSMEM | 290 | 314 | |
| FT | TOPO_DOM | 315 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 397 | |
| FT | TOPO_DOM | 398 | 403 | CYTOPLASMIC. |
| FT | TRANSMEM | 404 | 425 | |
| FT | TOPO_DOM | 426 | 839 | NON CYTOPLASMIC. |
| // | | | | |

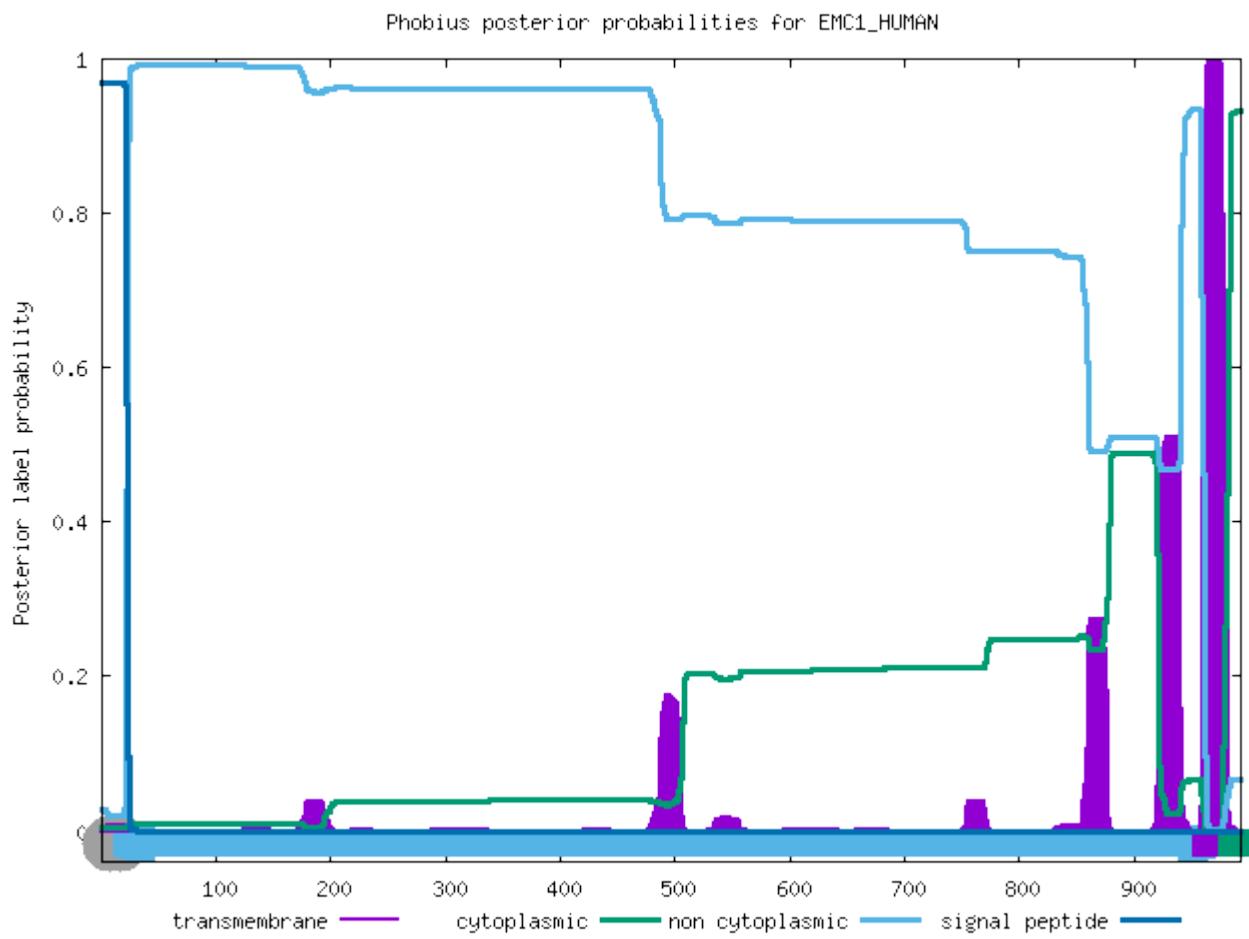
Phobius posterior probabilities for ATG9A_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC1_HUMAN

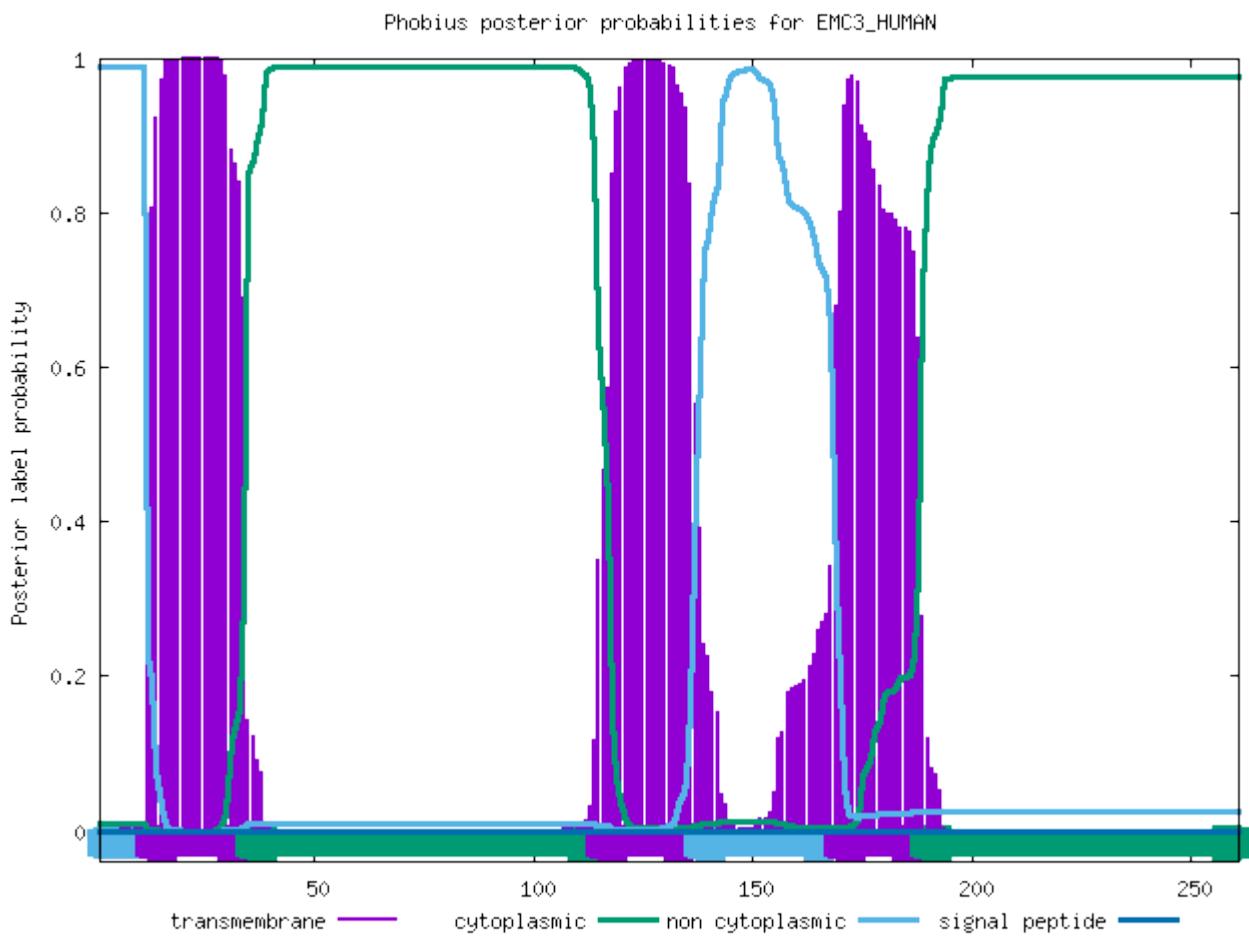
| ID | EMC1_HUMAN | | |
|----|------------|-----|--------------|
| FT | SIGNAL | 1 | 21 |
| FT | REGION | 1 | 8 |
| FT | REGION | 9 | 17 |
| FT | REGION | 18 | 21 |
| FT | TOPO_DOM | 22 | 961 |
| FT | TRANSMEM | 962 | 983 |
| FT | TOPO_DOM | 984 | 993 |
| // | | | CYTOPLASMIC. |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC3_HUMAN

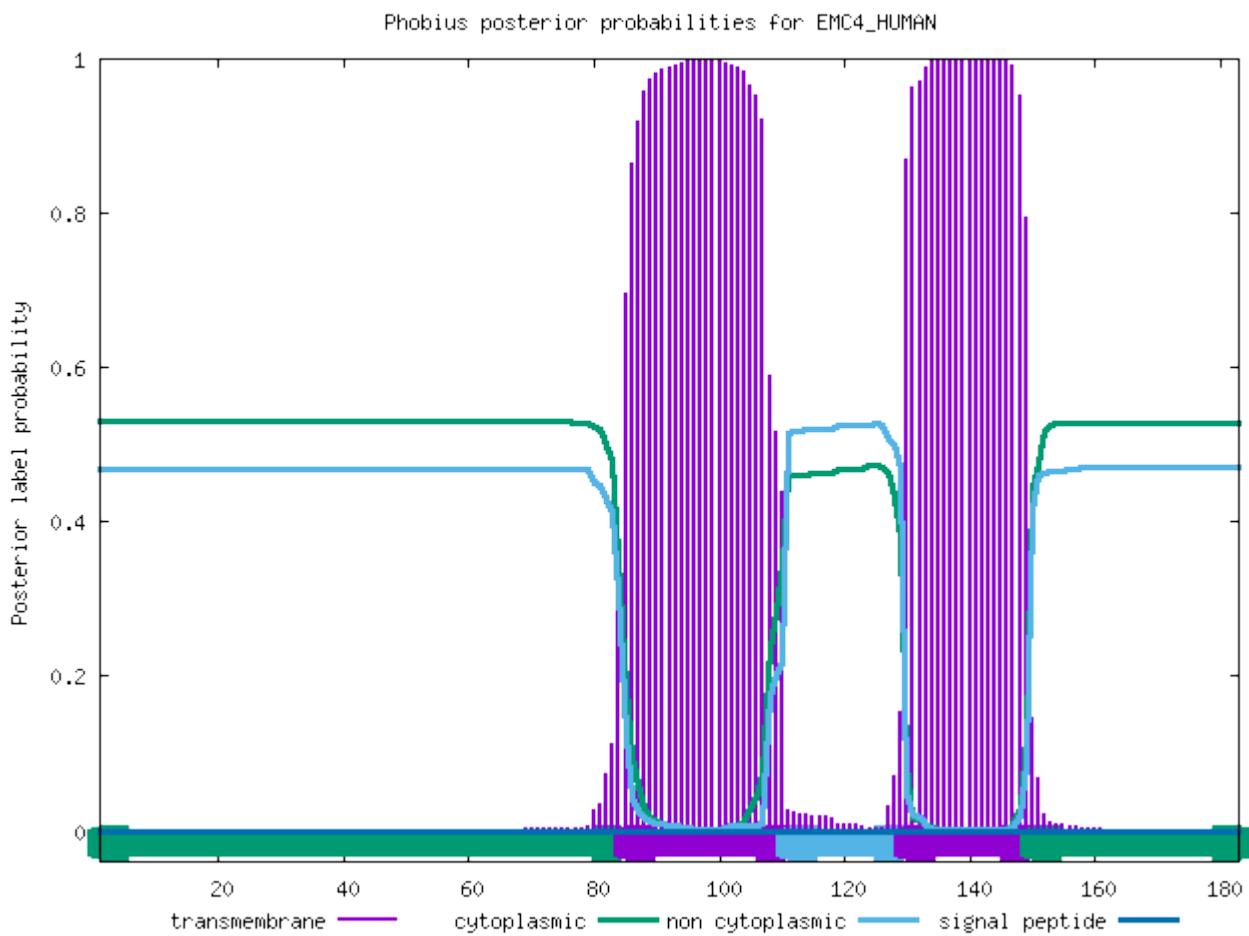
| ID | EMC3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 34 | |
| FT | TOPO_DOM | 35 | 114 | CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 136 | |
| FT | TOPO_DOM | 137 | 168 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 169 | 188 | |
| FT | TOPO_DOM | 189 | 261 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC4_HUMAN

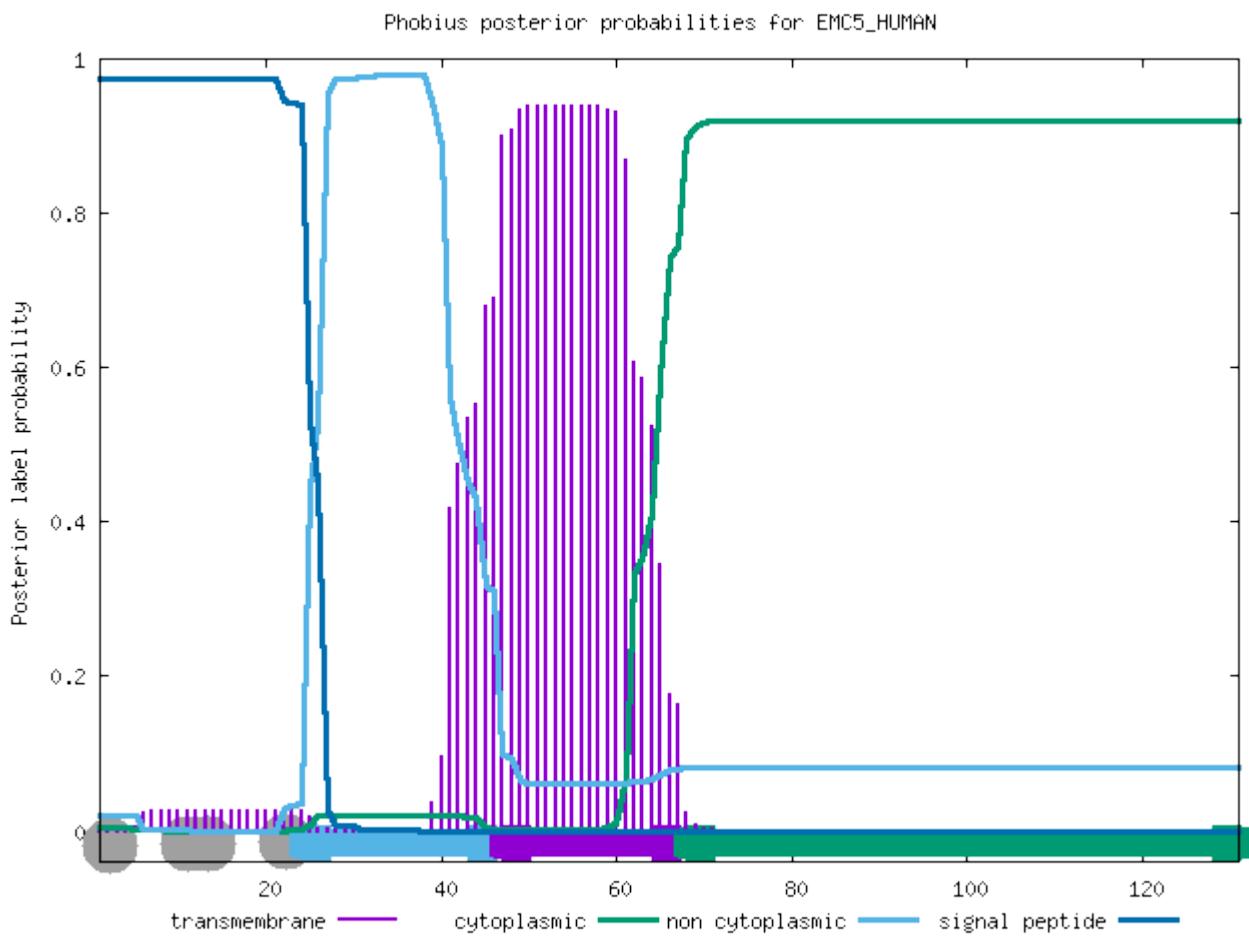
| | | | | |
|----|------------|-----|-----|------------------|
| ID | EMC4_HUMAN | | | |
| FT | TOPO_DOM | 1 | 84 | CYTOPLASMIC. |
| FT | TRANSMEM | 85 | 110 | |
| FT | TOPO_DOM | 111 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 149 | |
| FT | TOPO_DOM | 150 | 183 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC5_HUMAN

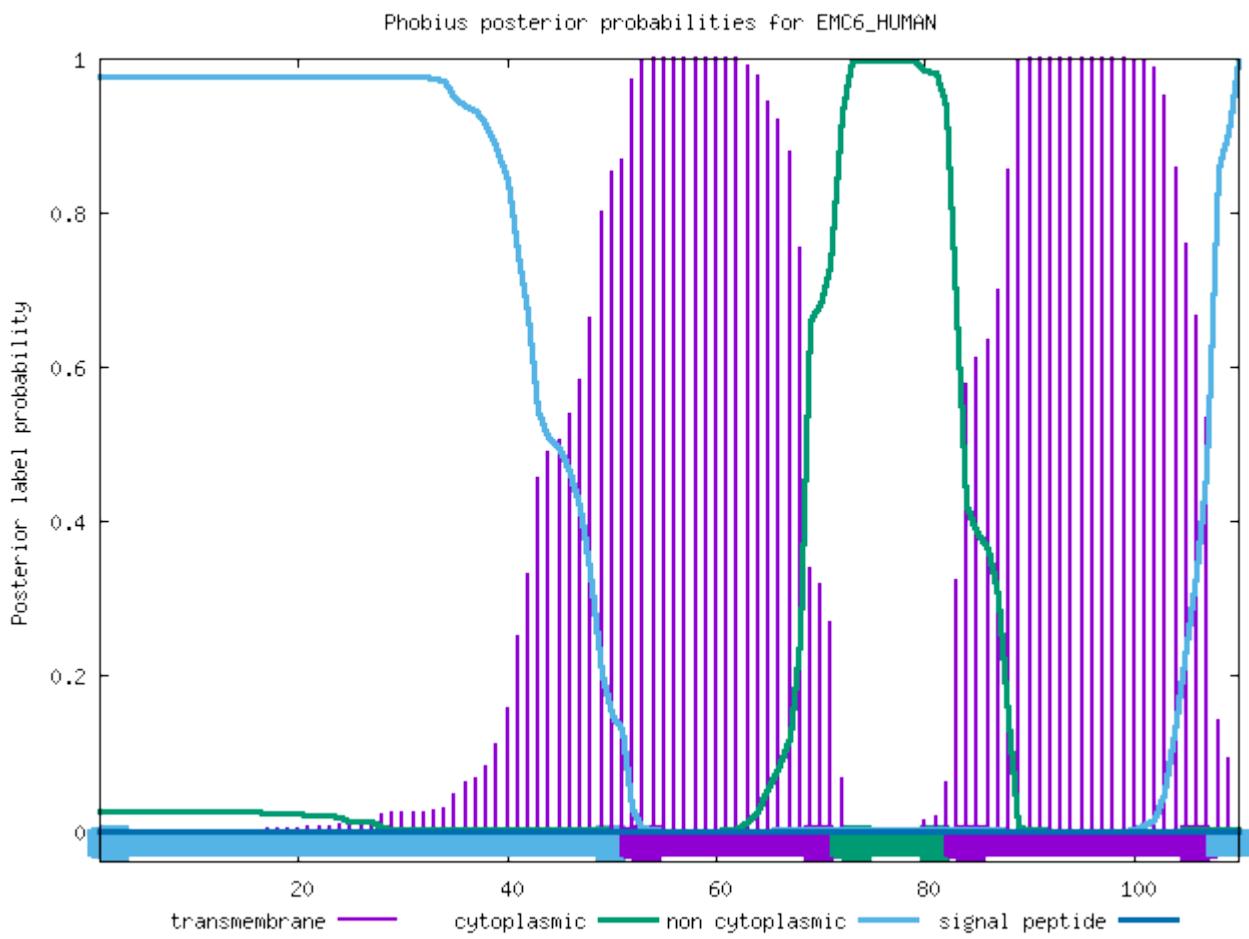
| ID | EMC5_HUMAN | | |
|----|------------|----|------------------|
| FT | SIGNAL | 1 | 23 |
| FT | REGION | 1 | 7 |
| | | | N-REGION. |
| FT | REGION | 8 | 18 |
| | | | H-REGION. |
| FT | REGION | 19 | 23 |
| | | | C-REGION. |
| FT | TOPO_DOM | 24 | 46 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 47 | 67 |
| FT | TOPO_DOM | 68 | 131 |
| // | | | CYTOPLASMIC. |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC6_HUMAN

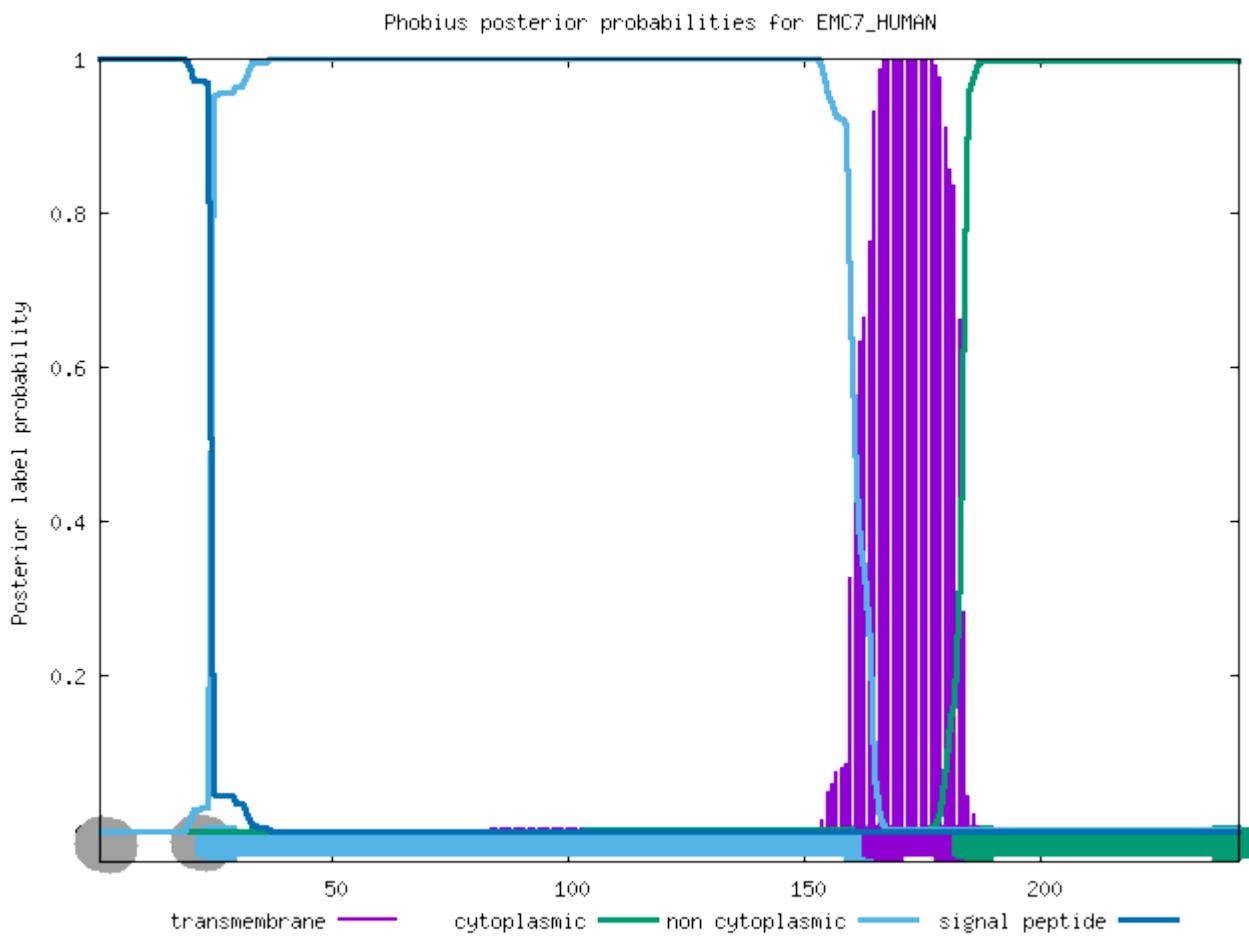
| | | | | |
|----|------------|-----|-----|------------------|
| ID | EMC6_HUMAN | | | |
| FT | TOPO_DOM | 1 | 51 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 52 | 71 | |
| FT | TOPO_DOM | 72 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 107 | |
| FT | TOPO_DOM | 108 | 110 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC7_HUMAN

| ID | EMC7_HUMAN | | |
|----|------------|-----|------------------|
| FT | SIGNAL | 1 | 23 |
| FT | REGION | 1 | 1 |
| | | | N-REGION. |
| FT | REGION | 2 | 17 |
| | | | H-REGION. |
| FT | REGION | 18 | 23 |
| | | | C-REGION. |
| FT | TOPO_DOM | 24 | 164 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 165 | 183 |
| | | | |
| FT | TOPO_DOM | 184 | 242 |
| | | | CYTOPLASMIC. |
| // | | | |

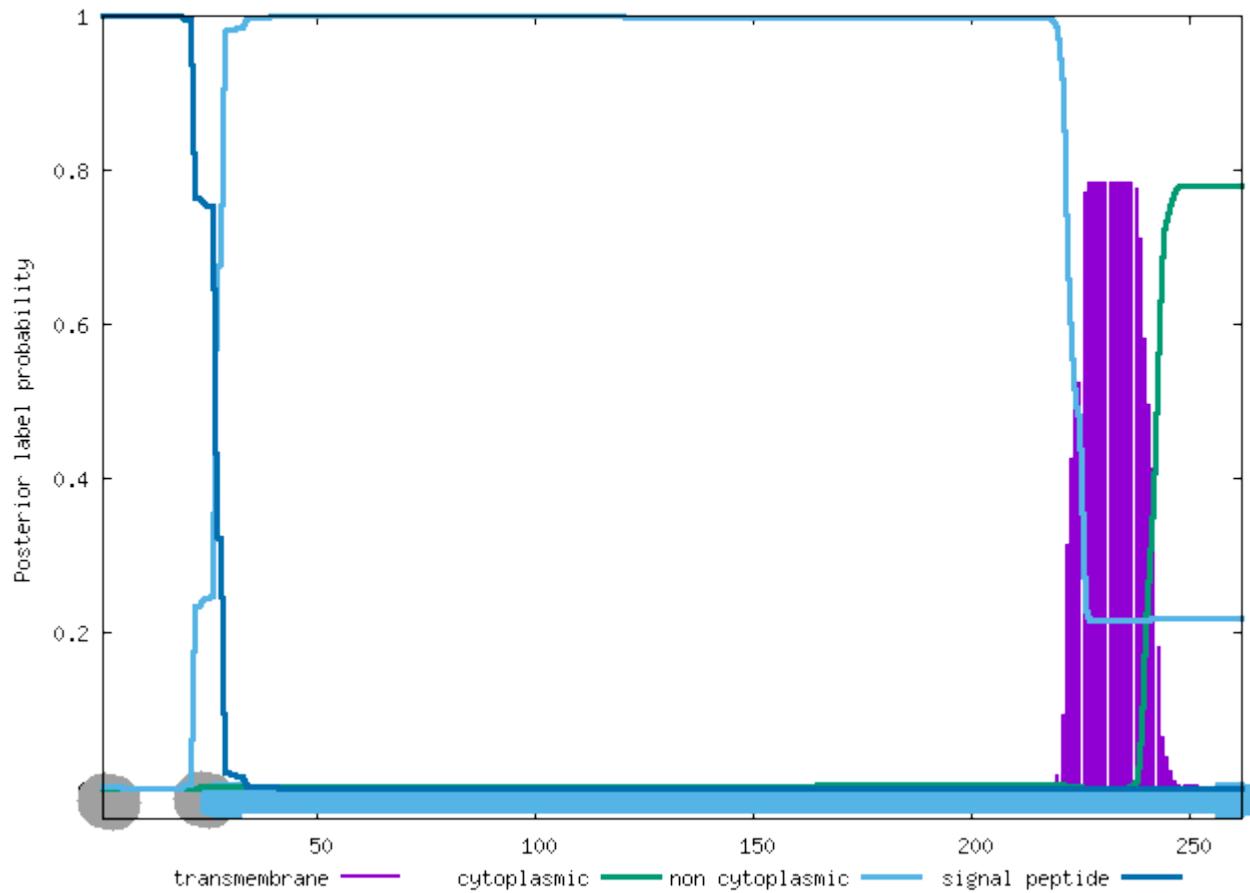


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMC10_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | EMC10_HUMAN | | | |
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 10 | N-REGION. |
| FT | REGION | 11 | 21 | H-REGION. |
| FT | REGION | 22 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 262 | NON CYTOPLASMIC. |
| // | | | | |

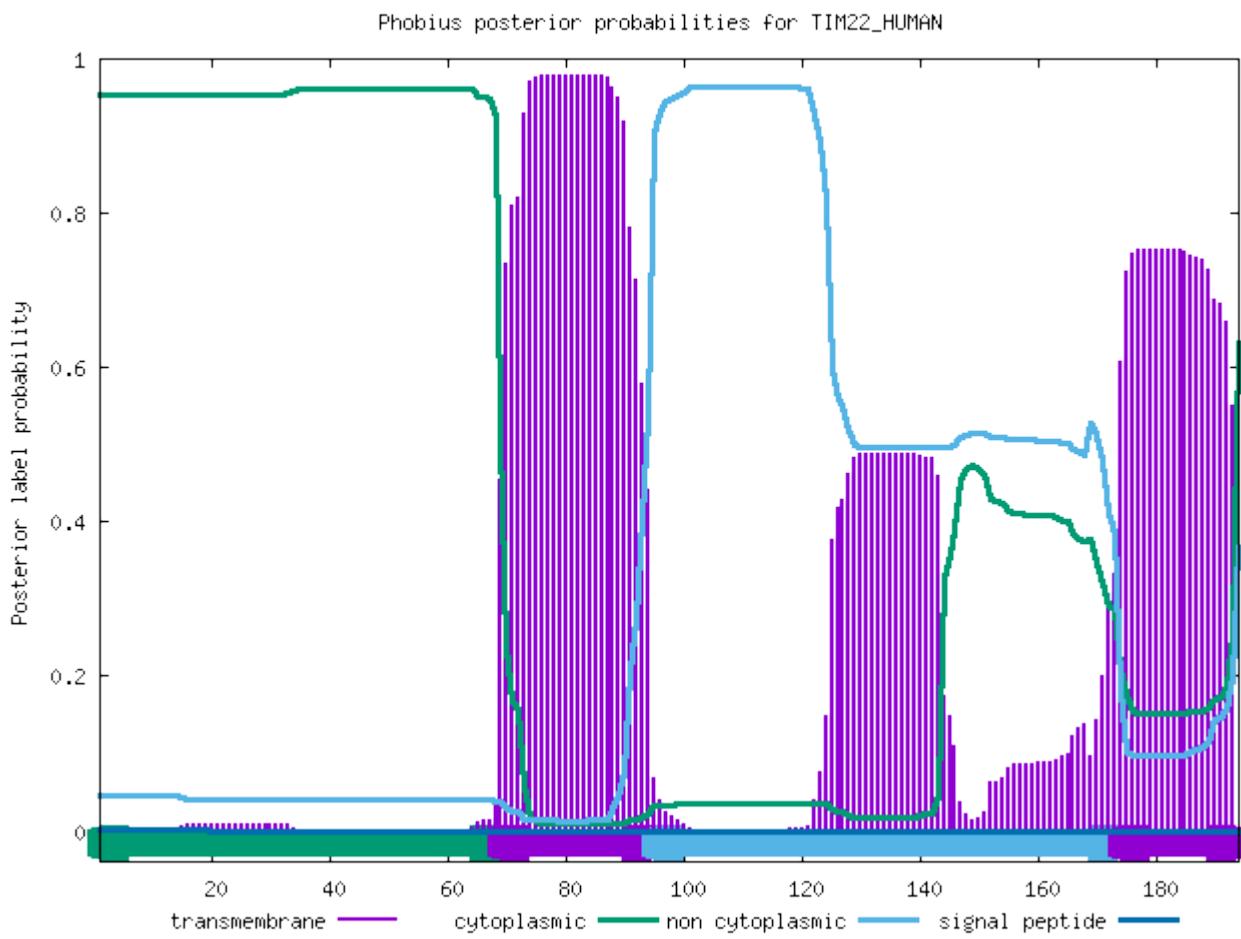
Phobius posterior probabilities for EMC10_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TIM22_HUMAN

| ID | TIM22_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 94 | |
| FT | TOPO_DOM | 95 | 173 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 193 | |
| FT | TOPO_DOM | 194 | 194 | CYTOPLASMIC. |
| // | | | | |

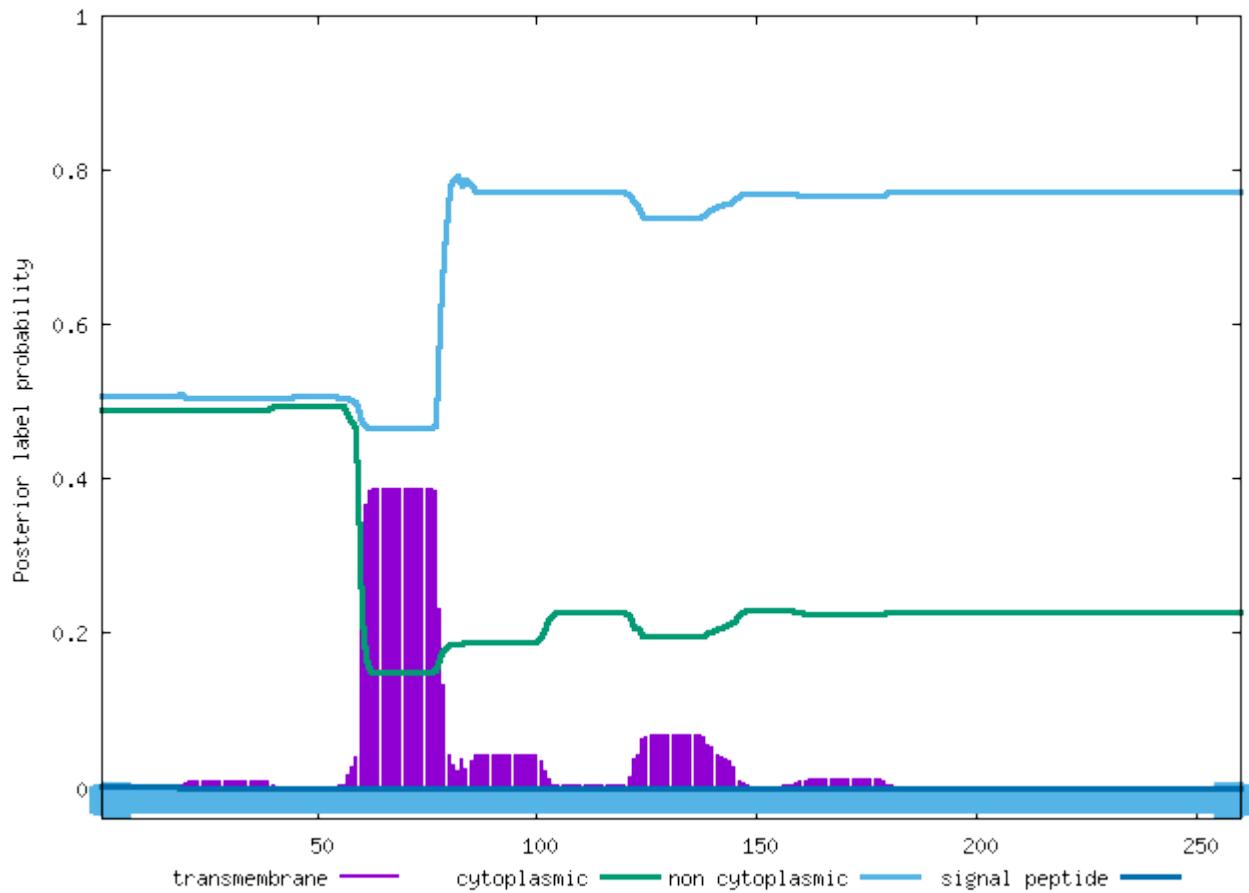


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TIM29_HUMAN

| | | | | |
|----|-------------|---|-----|------------------|
| ID | TIM29_HUMAN | | | |
| FT | TOPO_DOM | 1 | 260 | NON CYTOPLASMIC. |
| // | | | | |

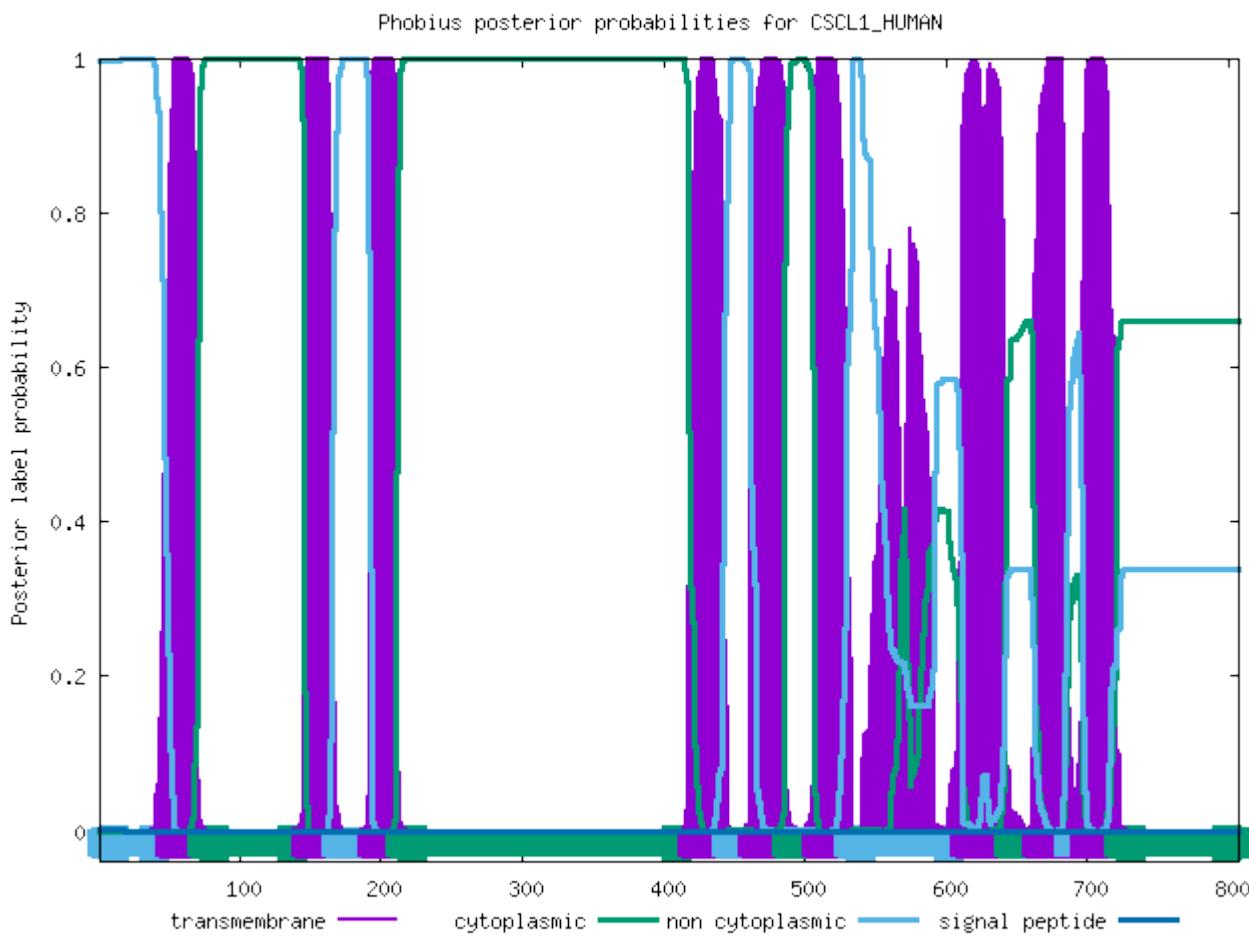
Phobius posterior probabilities for TIM29_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CSCL1_HUMAN

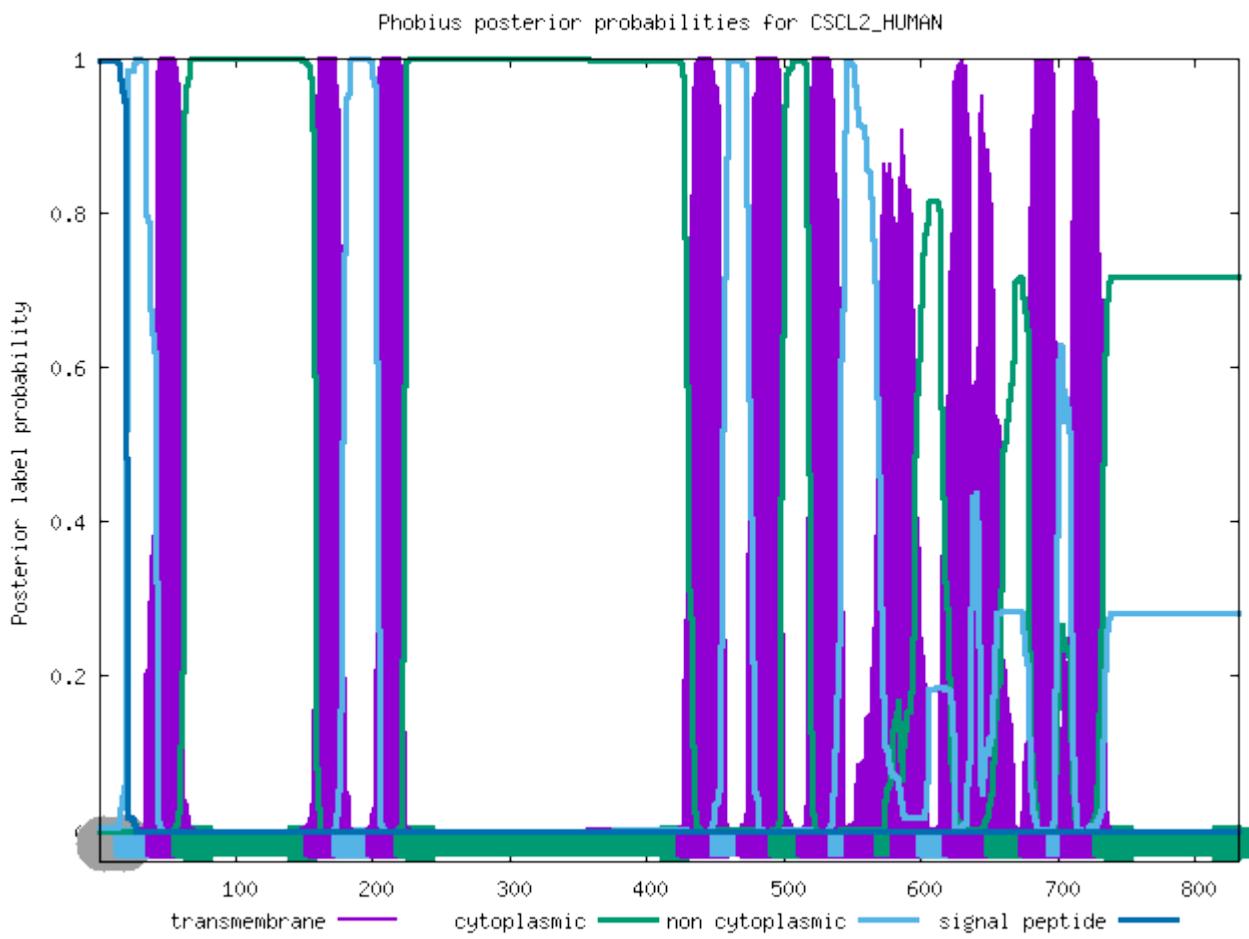
| ID | CSCL1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 71 | |
| FT | TOPO_DOM | 72 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 166 | |
| FT | TOPO_DOM | 167 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 211 | |
| FT | TOPO_DOM | 212 | 418 | CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 442 | |
| FT | TOPO_DOM | 443 | 461 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 462 | 485 | |
| FT | TOPO_DOM | 486 | 505 | CYTOPLASMIC. |
| FT | TRANSMEM | 506 | 529 | |
| FT | TOPO_DOM | 530 | 610 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 611 | 641 | |
| FT | TOPO_DOM | 642 | 661 | CYTOPLASMIC. |
| FT | TRANSMEM | 662 | 684 | |
| FT | TOPO_DOM | 685 | 695 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 696 | 720 | |
| FT | TOPO_DOM | 721 | 807 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CSCL2_HUMAN

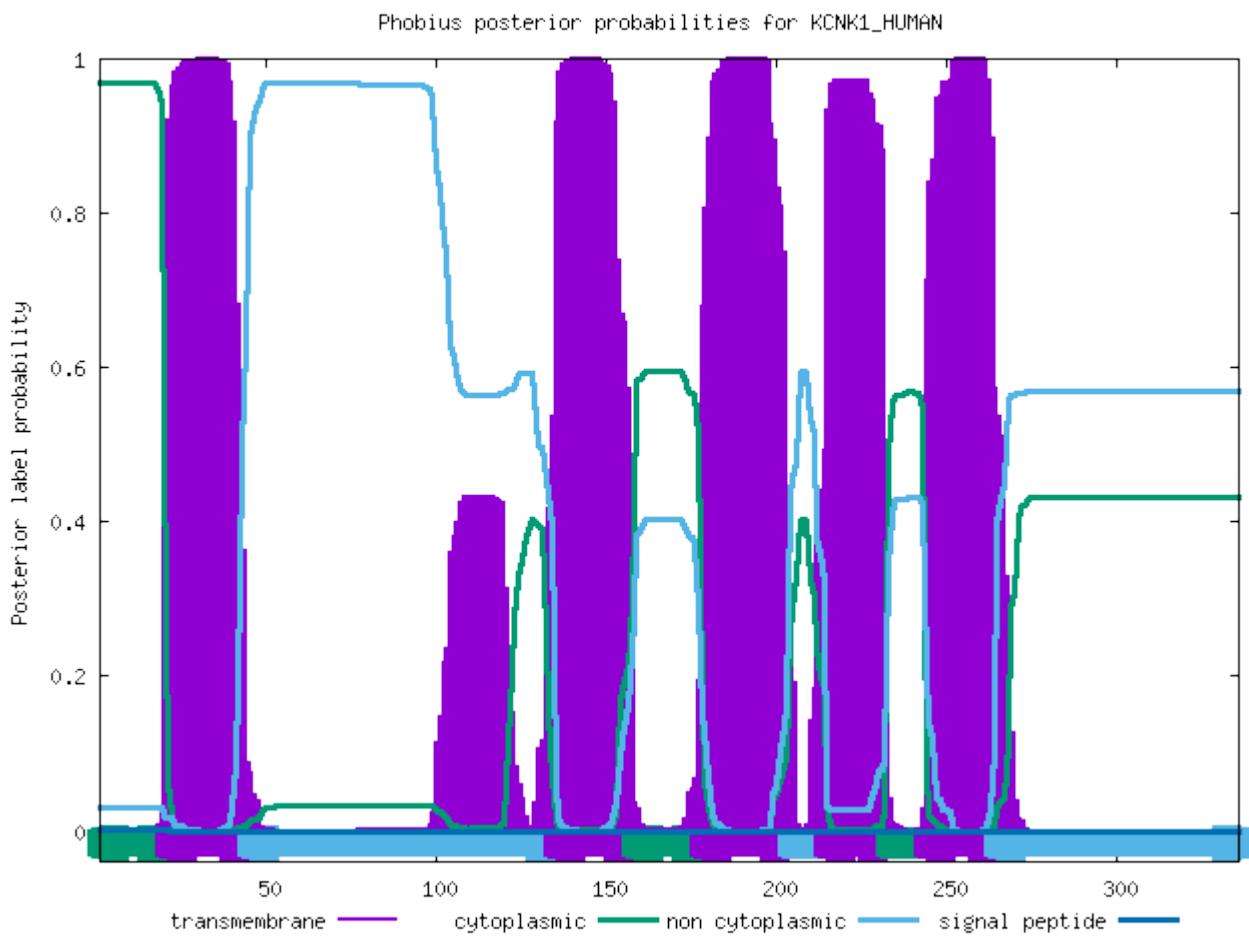
| ID | CSCL2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 62 | |
| FT | TOPO_DOM | 63 | 157 | CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 178 | |
| FT | TOPO_DOM | 179 | 203 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 204 | 223 | |
| FT | TOPO_DOM | 224 | 429 | CYTOPLASMIC. |
| FT | TRANSMEM | 430 | 454 | |
| FT | TOPO_DOM | 455 | 473 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 474 | 497 | |
| FT | TOPO_DOM | 498 | 517 | CYTOPLASMIC. |
| FT | TRANSMEM | 518 | 541 | |
| FT | TOPO_DOM | 542 | 552 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 553 | 574 | |
| FT | TOPO_DOM | 575 | 585 | CYTOPLASMIC. |
| FT | TRANSMEM | 586 | 605 | |
| FT | TOPO_DOM | 606 | 624 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 625 | 654 | |
| FT | TOPO_DOM | 655 | 679 | CYTOPLASMIC. |
| FT | TRANSMEM | 680 | 699 | |
| FT | TOPO_DOM | 700 | 710 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 711 | 733 | |
| FT | TOPO_DOM | 734 | 832 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNK1_HUMAN

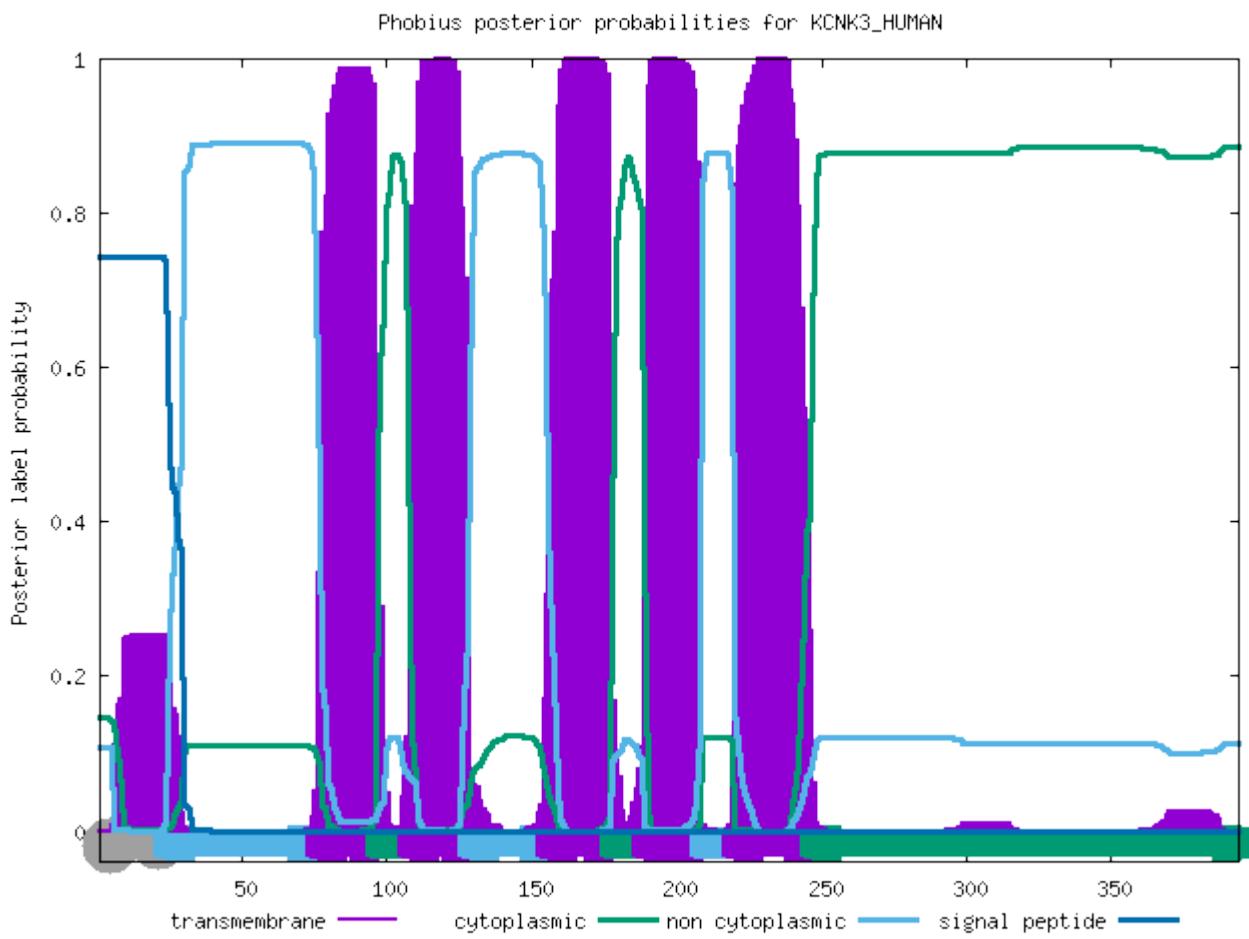
| ID | KCNK1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 44 | |
| FT | TOPO_DOM | 45 | 134 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 157 | |
| FT | TOPO_DOM | 158 | 177 | CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 203 | |
| FT | TOPO_DOM | 204 | 214 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 215 | 232 | |
| FT | TOPO_DOM | 233 | 243 | CYTOPLASMIC. |
| FT | TRANSMEM | 244 | 264 | |
| FT | TOPO_DOM | 265 | 336 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNK3_HUMAN

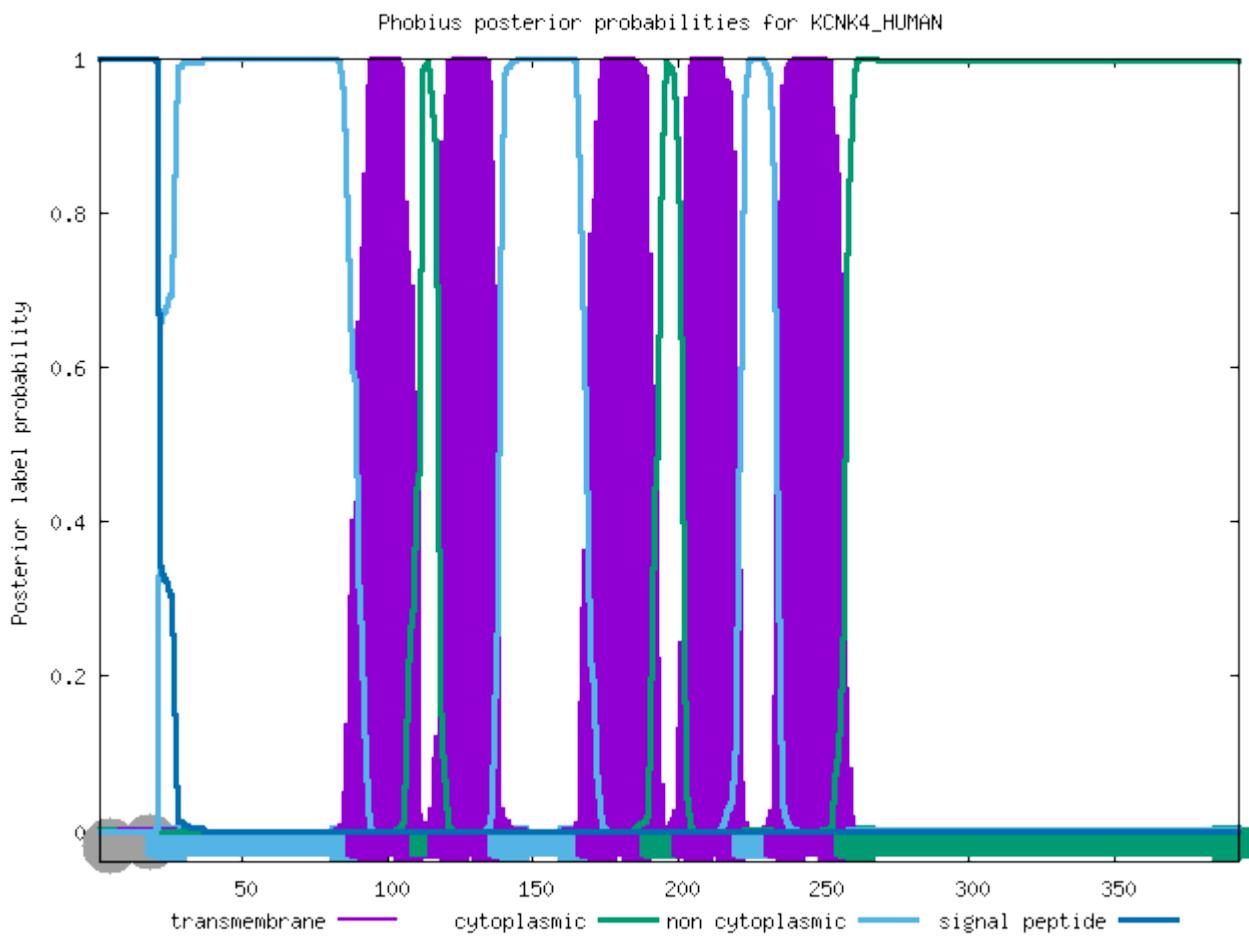
| ID | KCNK3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 23 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 23 | C-REGION. |
| FT | TOPO_DOM | 24 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 96 | |
| FT | TOPO_DOM | 97 | 107 | CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 128 | |
| FT | TOPO_DOM | 129 | 155 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 177 | |
| FT | TOPO_DOM | 178 | 188 | CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 208 | |
| FT | TOPO_DOM | 209 | 219 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 220 | 246 | |
| FT | TOPO_DOM | 247 | 394 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNK4_HUMAN

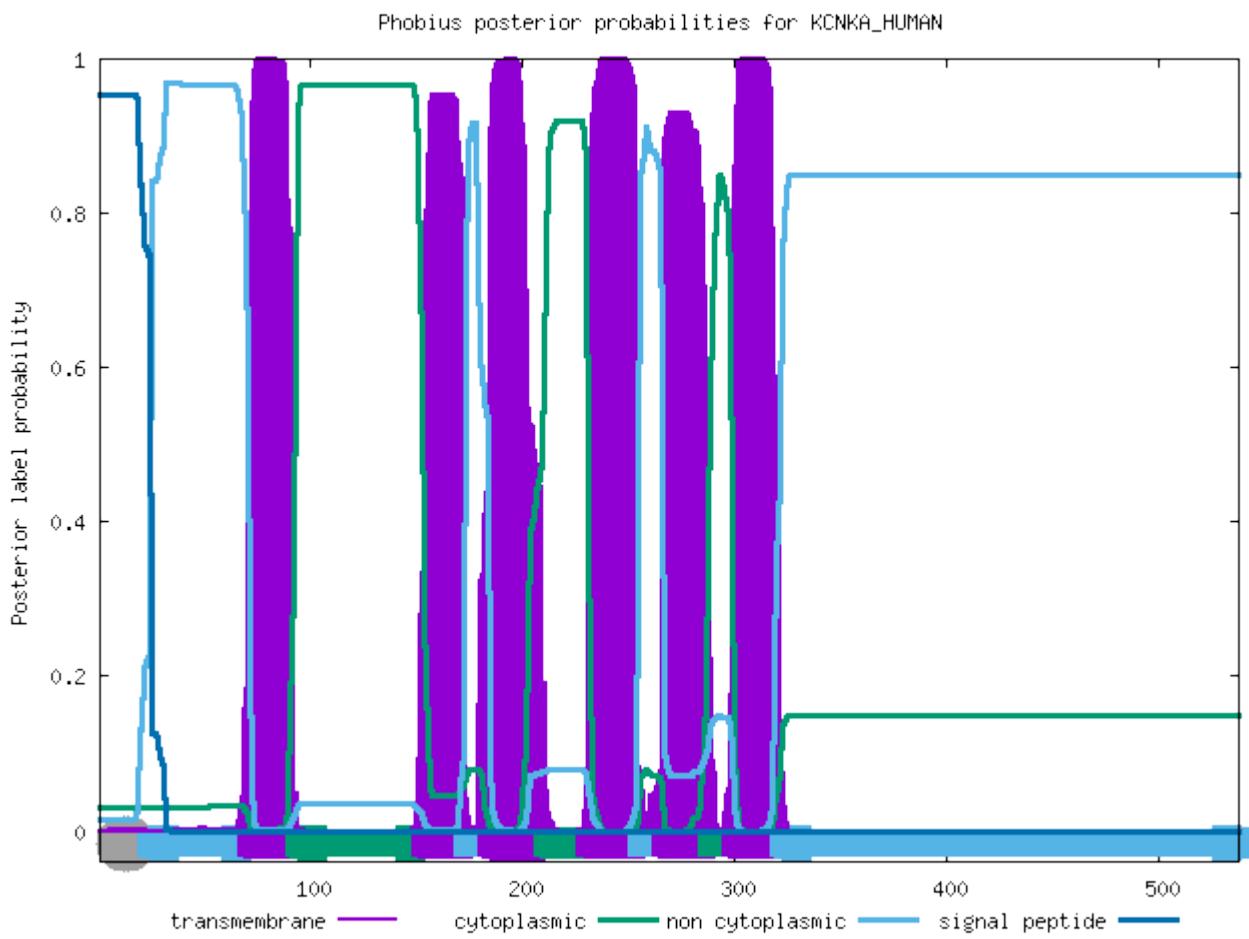
| ID | KCNK4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 89 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 90 | 111 | |
| FT | TOPO_DOM | 112 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 138 | |
| FT | TOPO_DOM | 139 | 168 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 169 | 190 | |
| FT | TOPO_DOM | 191 | 201 | CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 222 | |
| FT | TOPO_DOM | 223 | 233 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 257 | |
| FT | TOPO_DOM | 258 | 393 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNKA_HUMAN

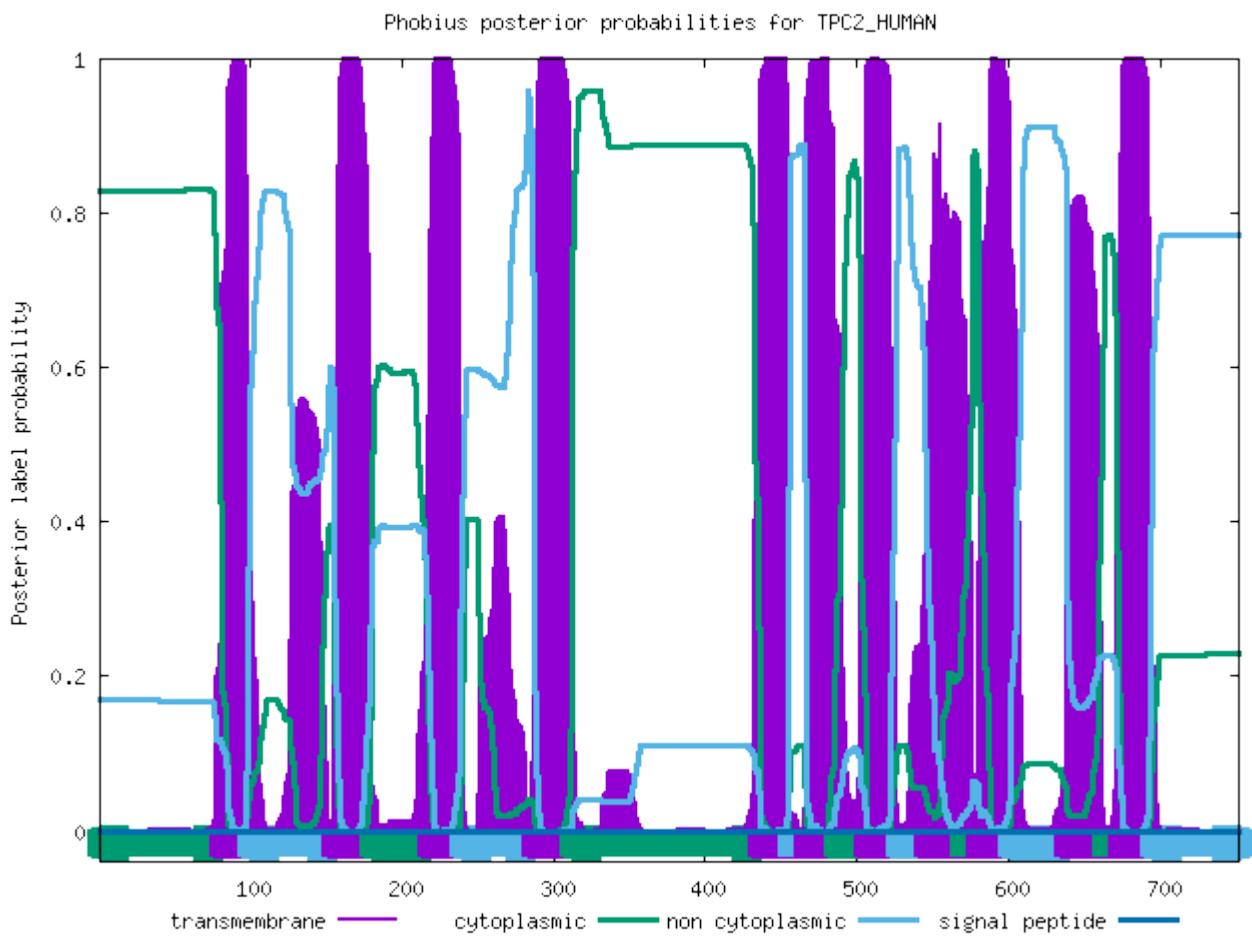
| ID | KCNKA_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 71 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 93 | |
| FT | TOPO_DOM | 94 | 153 | CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 173 | |
| FT | TOPO_DOM | 174 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 210 | |
| FT | TOPO_DOM | 211 | 230 | CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 255 | |
| FT | TOPO_DOM | 256 | 266 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 288 | |
| FT | TOPO_DOM | 289 | 299 | CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 322 | |
| FT | TOPO_DOM | 323 | 538 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TPC2_HUMAN

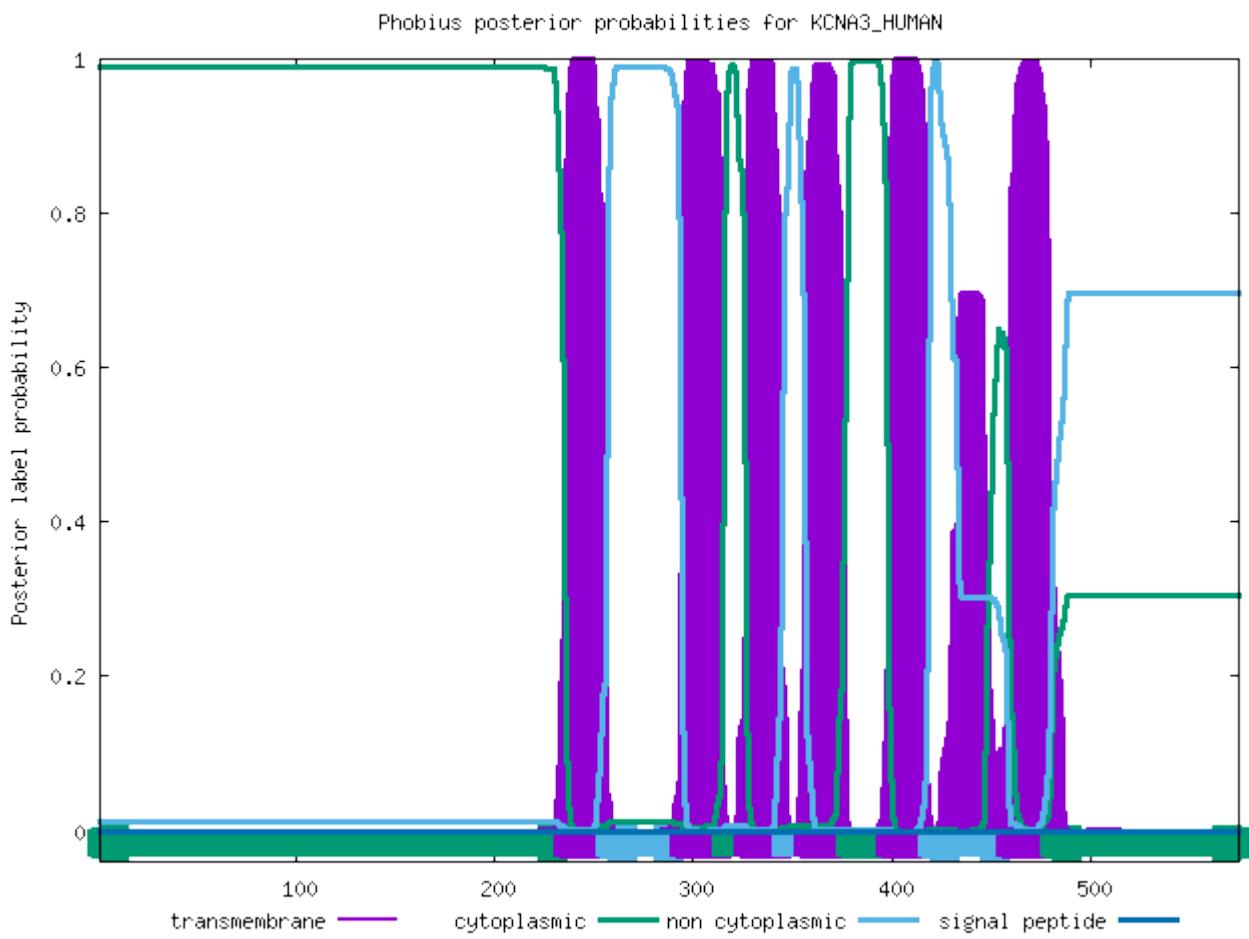
| ID | TPC2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 99 | |
| FT | TOPO_DOM | 100 | 155 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 179 | |
| FT | TOPO_DOM | 180 | 218 | CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 239 | |
| FT | TOPO_DOM | 240 | 286 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 287 | 312 | |
| FT | TOPO_DOM | 313 | 435 | CYTOPLASMIC. |
| FT | TRANSMEM | 436 | 455 | |
| FT | TOPO_DOM | 456 | 466 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 467 | 486 | |
| FT | TOPO_DOM | 487 | 506 | CYTOPLASMIC. |
| FT | TRANSMEM | 507 | 526 | |
| FT | TOPO_DOM | 527 | 545 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 546 | 569 | |
| FT | TOPO_DOM | 570 | 580 | CYTOPLASMIC. |
| FT | TRANSMEM | 581 | 601 | |
| FT | TOPO_DOM | 602 | 638 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 639 | 662 | |
| FT | TOPO_DOM | 663 | 673 | CYTOPLASMIC. |
| FT | TRANSMEM | 674 | 694 | |
| FT | TOPO_DOM | 695 | 752 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNA3_HUMAN

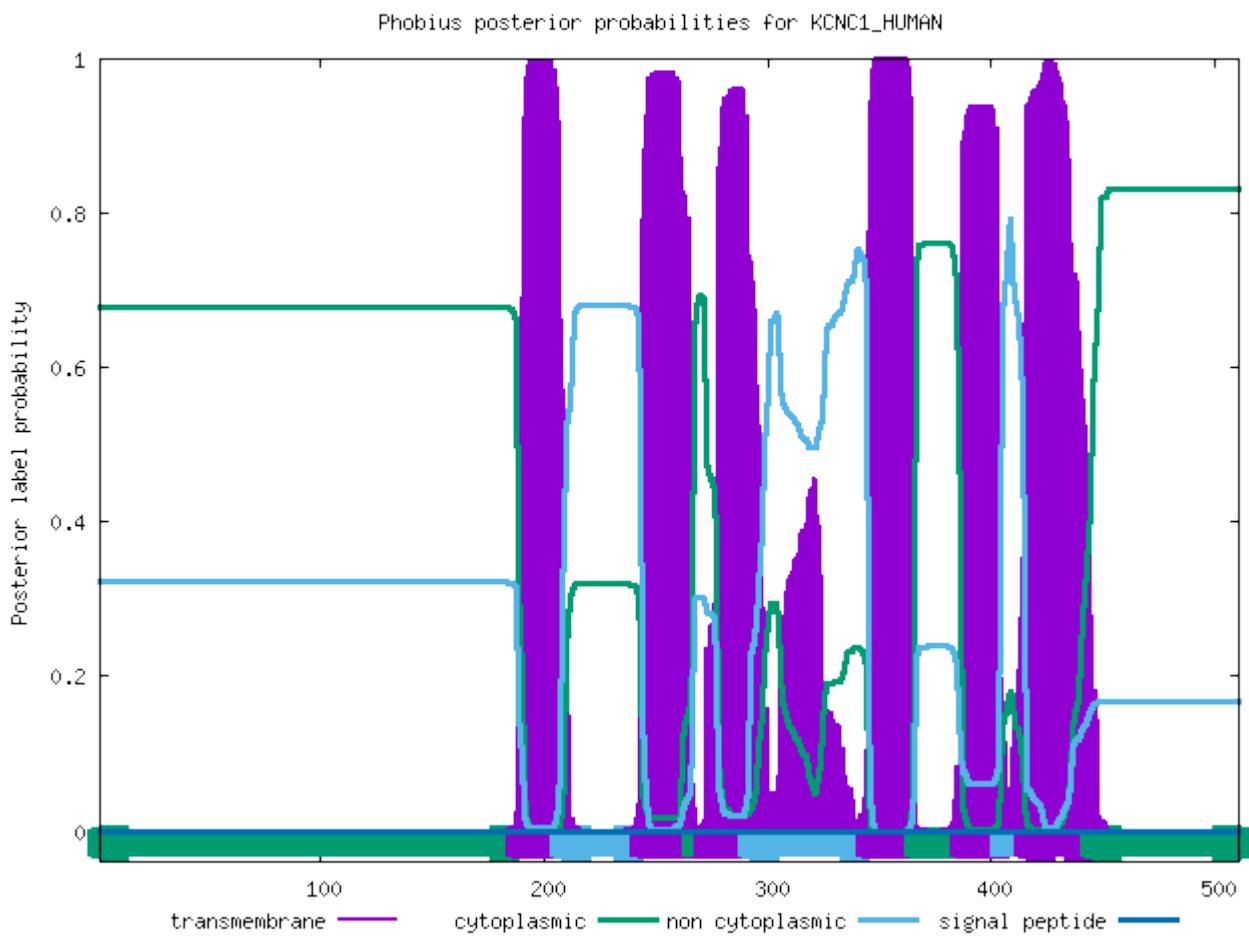
| ID | KCNA3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 235 | CYTOPLASMIC. |
| FT | TRANSMEM | 236 | 256 | |
| FT | TOPO_DOM | 257 | 294 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 315 | |
| FT | TOPO_DOM | 316 | 326 | CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 345 | |
| FT | TOPO_DOM | 346 | 356 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 377 | |
| FT | TOPO_DOM | 378 | 397 | CYTOPLASMIC. |
| FT | TRANSMEM | 398 | 419 | |
| FT | TOPO_DOM | 420 | 458 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 459 | 480 | |
| FT | TOPO_DOM | 481 | 575 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNC1_HUMAN

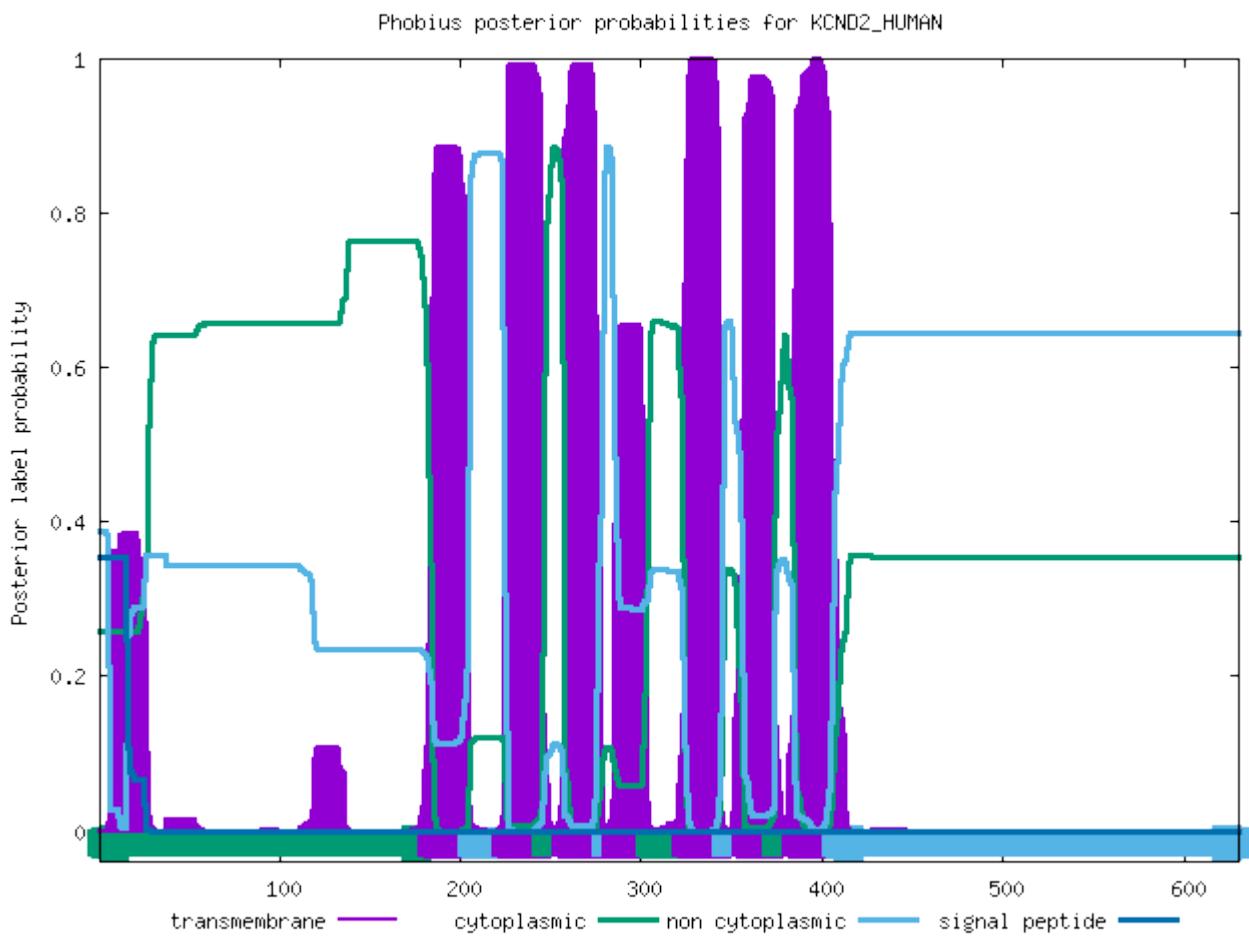
| ID | KCNC1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 187 | CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 207 | |
| FT | TOPO_DOM | 208 | 243 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 244 | 266 | |
| FT | TOPO_DOM | 267 | 272 | CYTOPLASMIC. |
| FT | TRANSMEM | 273 | 291 | |
| FT | TOPO_DOM | 292 | 344 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 366 | |
| FT | TOPO_DOM | 367 | 386 | CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 404 | |
| FT | TOPO_DOM | 405 | 415 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 416 | 445 | |
| FT | TOPO_DOM | 446 | 511 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCND2_HUMAN

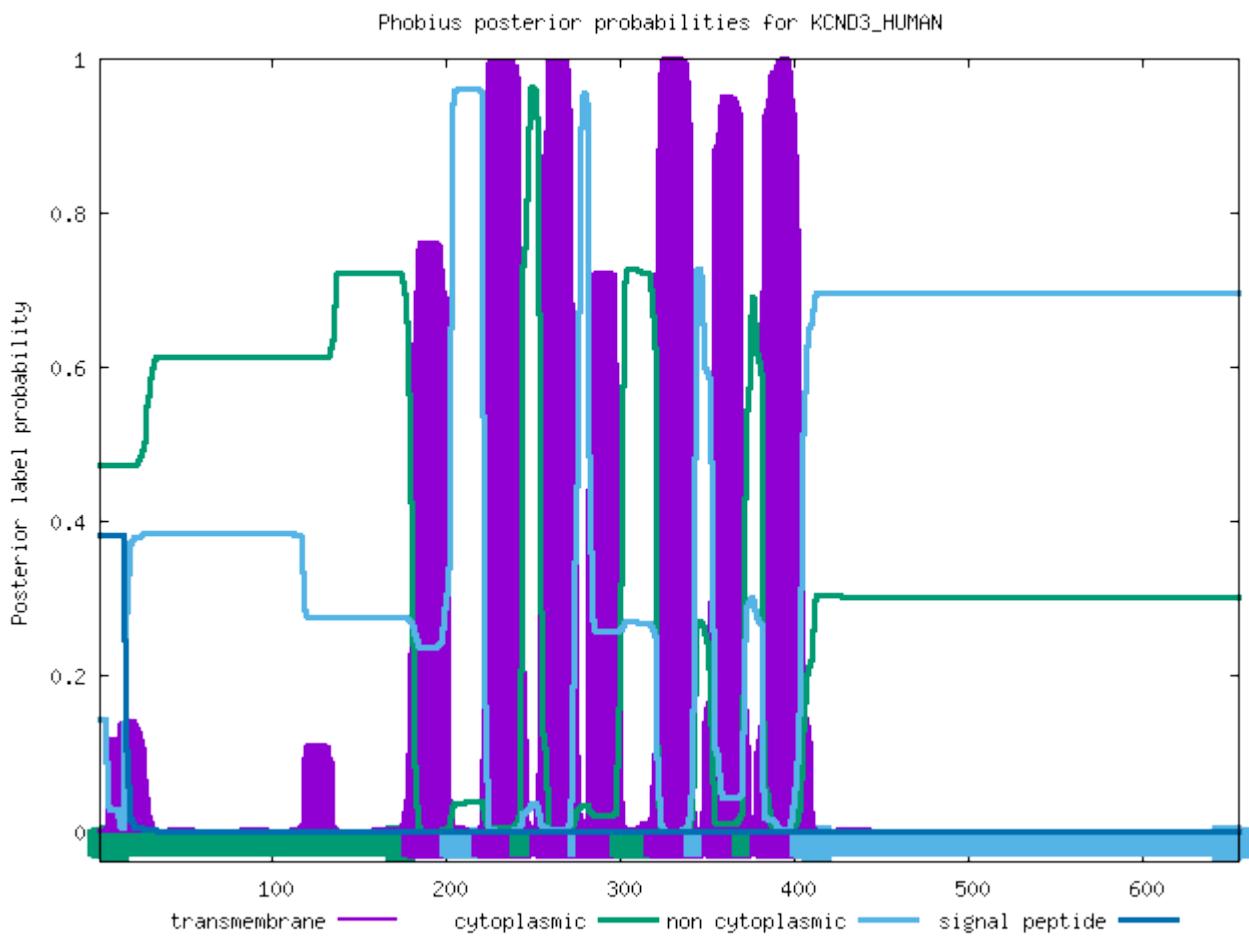
| ID | KCND2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 182 | CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 204 | |
| FT | TOPO_DOM | 205 | 223 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 245 | |
| FT | TOPO_DOM | 246 | 256 | CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 279 | |
| FT | TOPO_DOM | 280 | 284 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 303 | |
| FT | TOPO_DOM | 304 | 323 | CYTOPLASMIC. |
| FT | TRANSMEM | 324 | 345 | |
| FT | TOPO_DOM | 346 | 356 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 373 | |
| FT | TOPO_DOM | 374 | 384 | CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 406 | |
| FT | TOPO_DOM | 407 | 630 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCND3_HUMAN

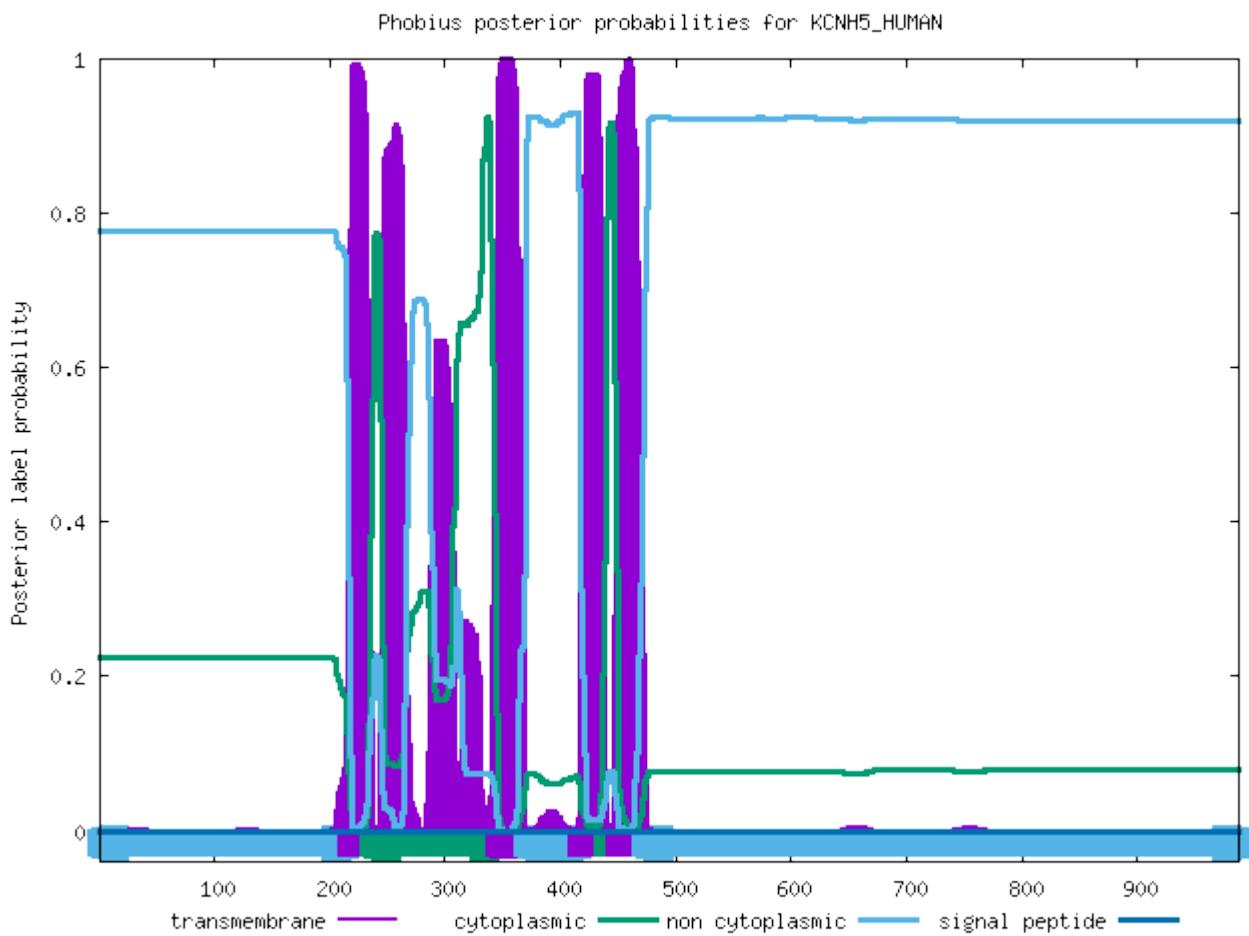
| ID | KCND3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 180 | CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 202 | |
| FT | TOPO_DOM | 203 | 221 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 243 | |
| FT | TOPO_DOM | 244 | 254 | CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 276 | |
| FT | TOPO_DOM | 277 | 281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 300 | |
| FT | TOPO_DOM | 301 | 320 | CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 342 | |
| FT | TOPO_DOM | 343 | 353 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 354 | 370 | |
| FT | TOPO_DOM | 371 | 381 | CYTOPLASMIC. |
| FT | TRANSMEM | 382 | 403 | |
| FT | TOPO_DOM | 404 | 655 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNH5_HUMAN

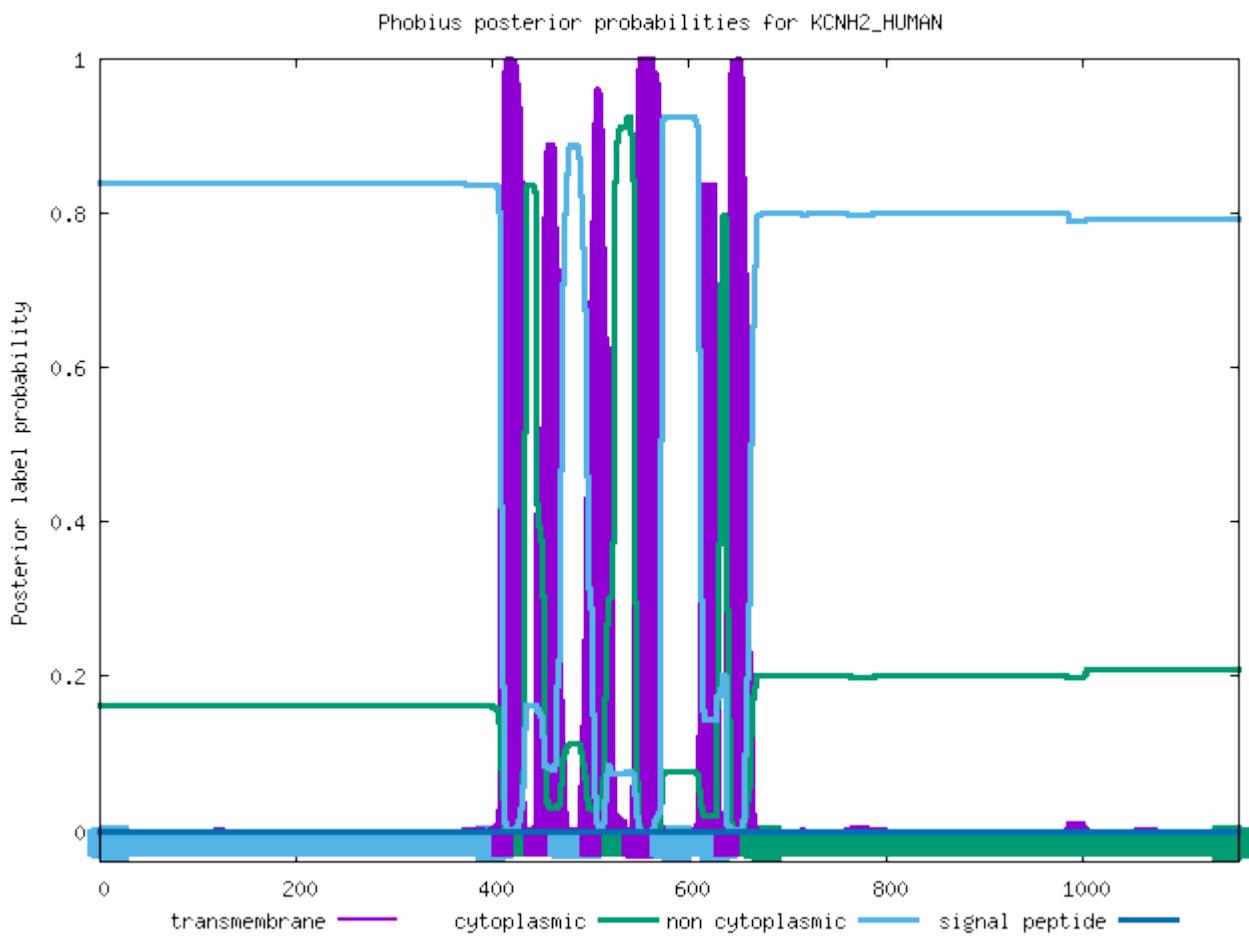
| ID | KCNH5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 216 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 236 | |
| FT | TOPO_DOM | 237 | 345 | CYTOPLASMIC. |
| FT | TRANSMEM | 346 | 370 | |
| FT | TOPO_DOM | 371 | 417 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 418 | 438 | |
| FT | TOPO_DOM | 439 | 449 | CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 471 | |
| FT | TOPO_DOM | 472 | 988 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNH2_HUMAN

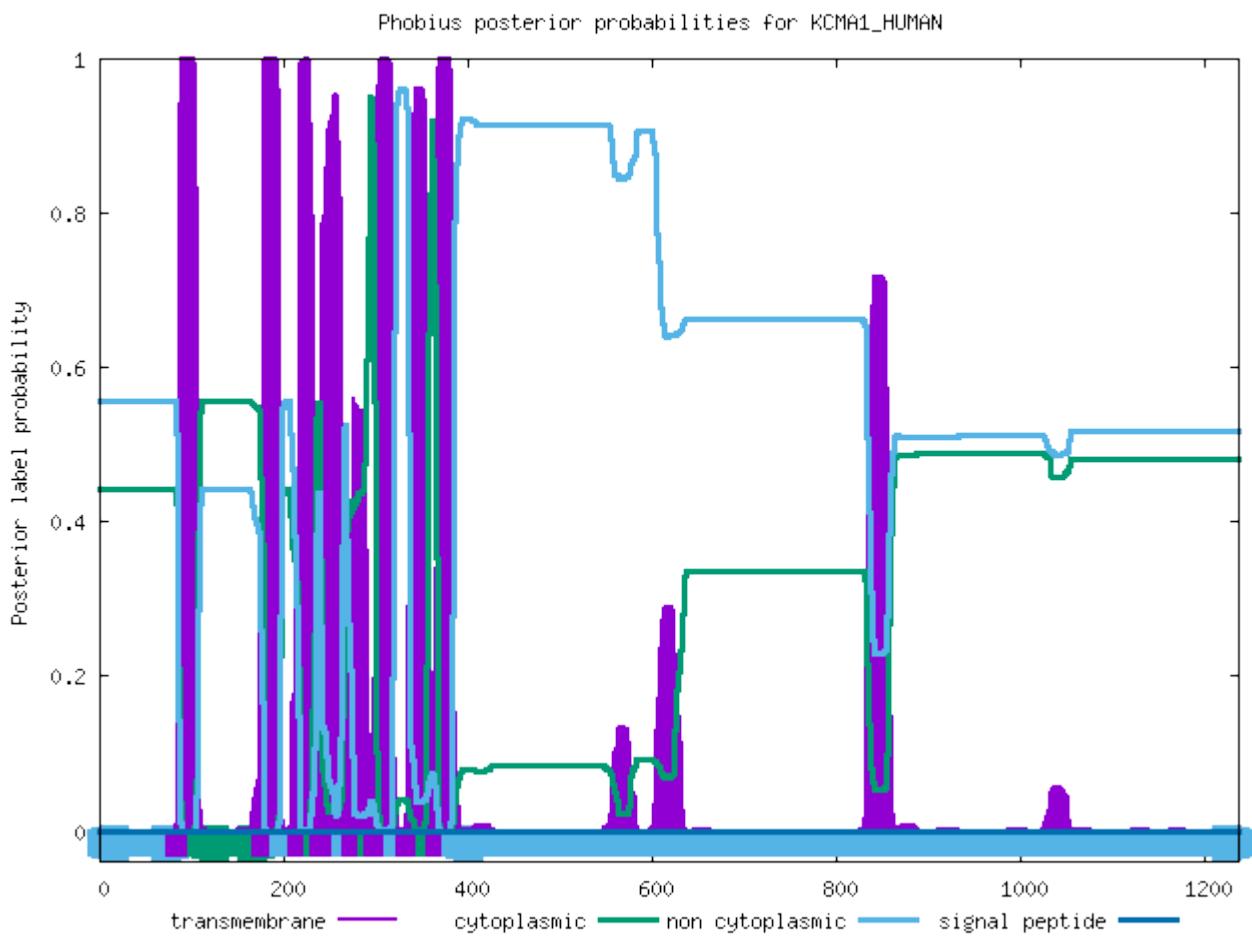
| ID | KCNH2_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 411 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 412 | 433 | |
| FT | TOPO_DOM | 434 | 444 | CYTOPLASMIC. |
| FT | TRANSMEM | 445 | 469 | |
| FT | TOPO_DOM | 470 | 501 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 502 | 524 | |
| FT | TOPO_DOM | 525 | 544 | CYTOPLASMIC. |
| FT | TRANSMEM | 545 | 571 | |
| FT | TOPO_DOM | 572 | 638 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 639 | 663 | |
| FT | TOPO_DOM | 664 | 1159 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCMA1_HUMAN

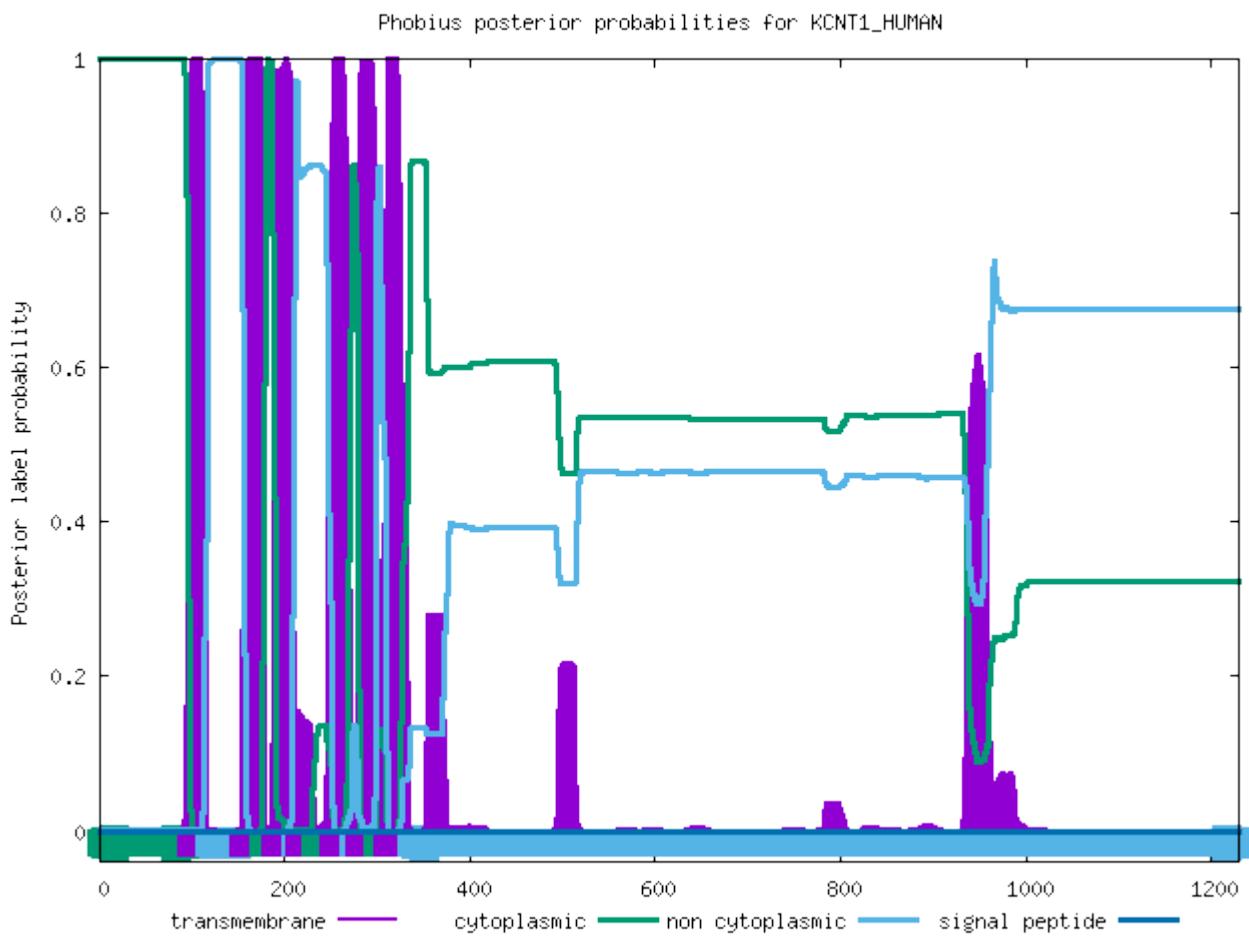
| ID | KCMA1_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 85 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 86 | 108 | |
| FT | TOPO_DOM | 109 | 178 | CYTOPLASMIC. |
| FT | TRANSMEM | 179 | 197 | |
| FT | TOPO_DOM | 198 | 216 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 235 | |
| FT | TOPO_DOM | 236 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 264 | |
| FT | TOPO_DOM | 265 | 275 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 276 | 293 | |
| FT | TOPO_DOM | 294 | 299 | CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 321 | |
| FT | TOPO_DOM | 322 | 335 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 336 | 355 | |
| FT | TOPO_DOM | 356 | 366 | CYTOPLASMIC. |
| FT | TRANSMEM | 367 | 385 | |
| FT | TOPO_DOM | 386 | 1236 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNT1_HUMAN

| ID | KCNT1_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 97 | CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 117 | |
| FT | TOPO_DOM | 118 | 154 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 176 | |
| FT | TOPO_DOM | 177 | 187 | CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 209 | |
| FT | TOPO_DOM | 210 | 214 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 215 | 231 | |
| FT | TOPO_DOM | 232 | 251 | CYTOPLASMIC. |
| FT | TRANSMEM | 252 | 273 | |
| FT | TOPO_DOM | 274 | 278 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 298 | |
| FT | TOPO_DOM | 299 | 309 | CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 335 | |
| FT | TOPO_DOM | 336 | 1230 | NON CYTOPLASMIC. |
| // | | | | |

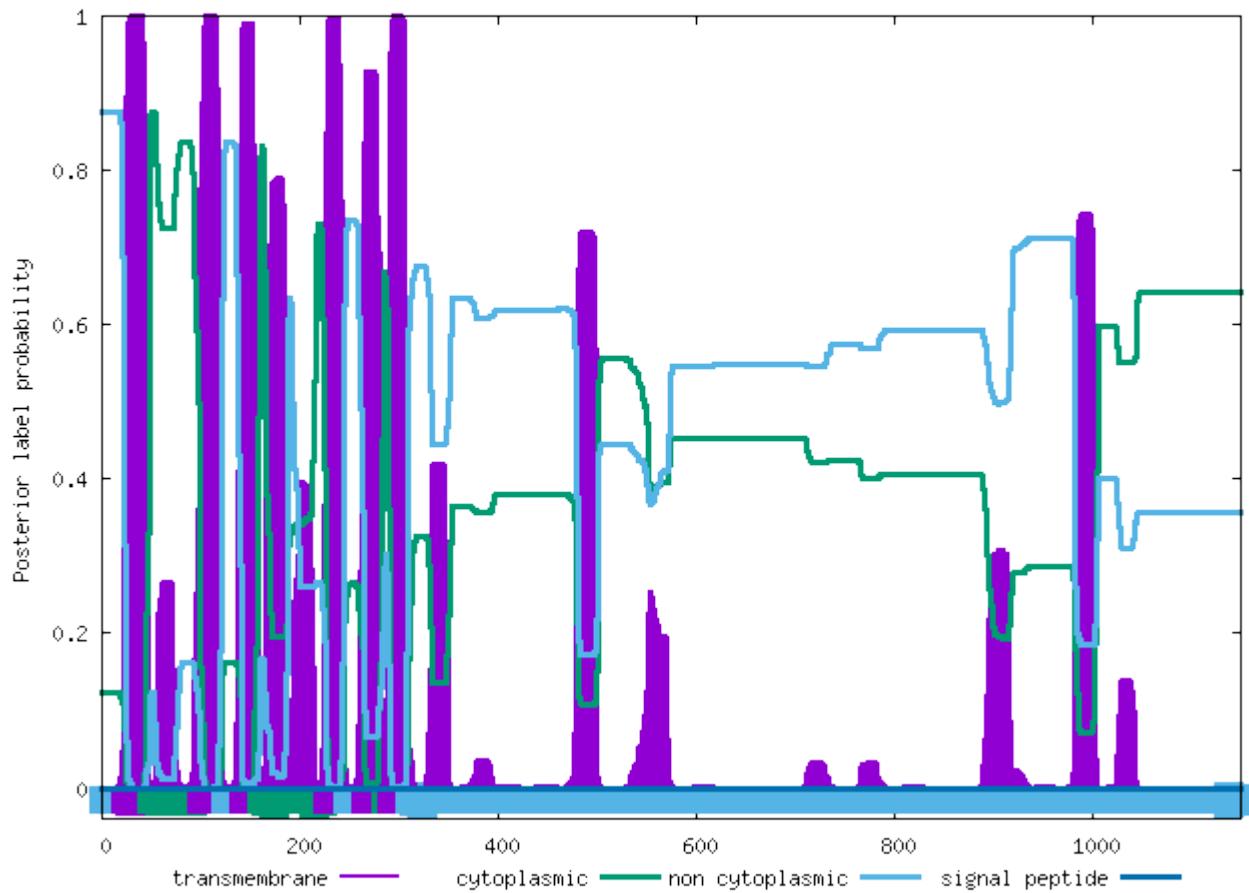


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNU1_HUMAN

| ID | KCNU1_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 49 | |
| FT | TOPO_DOM | 50 | 99 | CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 123 | |
| FT | TOPO_DOM | 124 | 142 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 160 | |
| FT | TOPO_DOM | 161 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 246 | |
| FT | TOPO_DOM | 247 | 265 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 284 | |
| FT | TOPO_DOM | 285 | 290 | CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 309 | |
| FT | TOPO_DOM | 310 | 1149 | NON CYTOPLASMIC. |
| // | | | | |

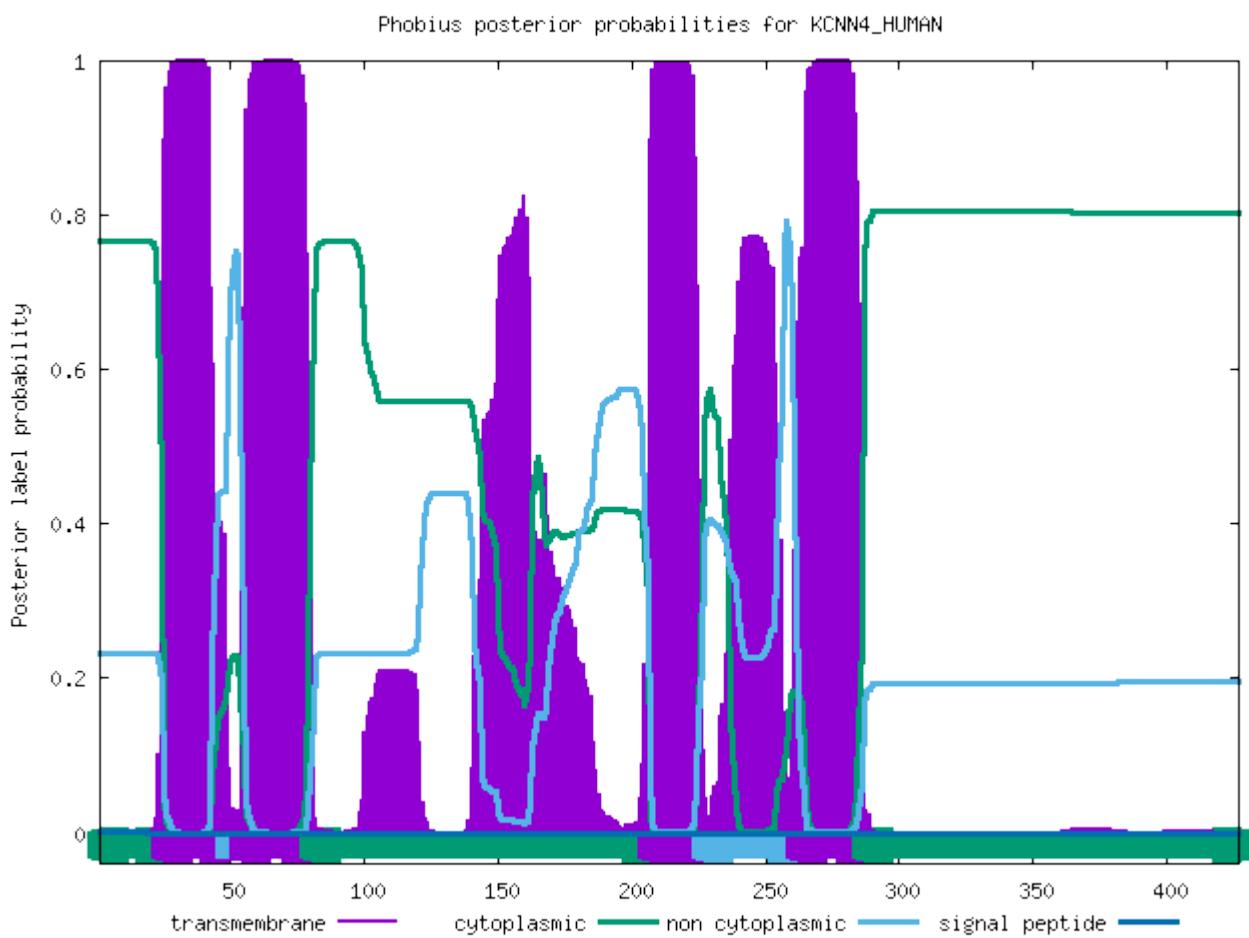
Phobius posterior probabilities for KCNU1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNN4_HUMAN

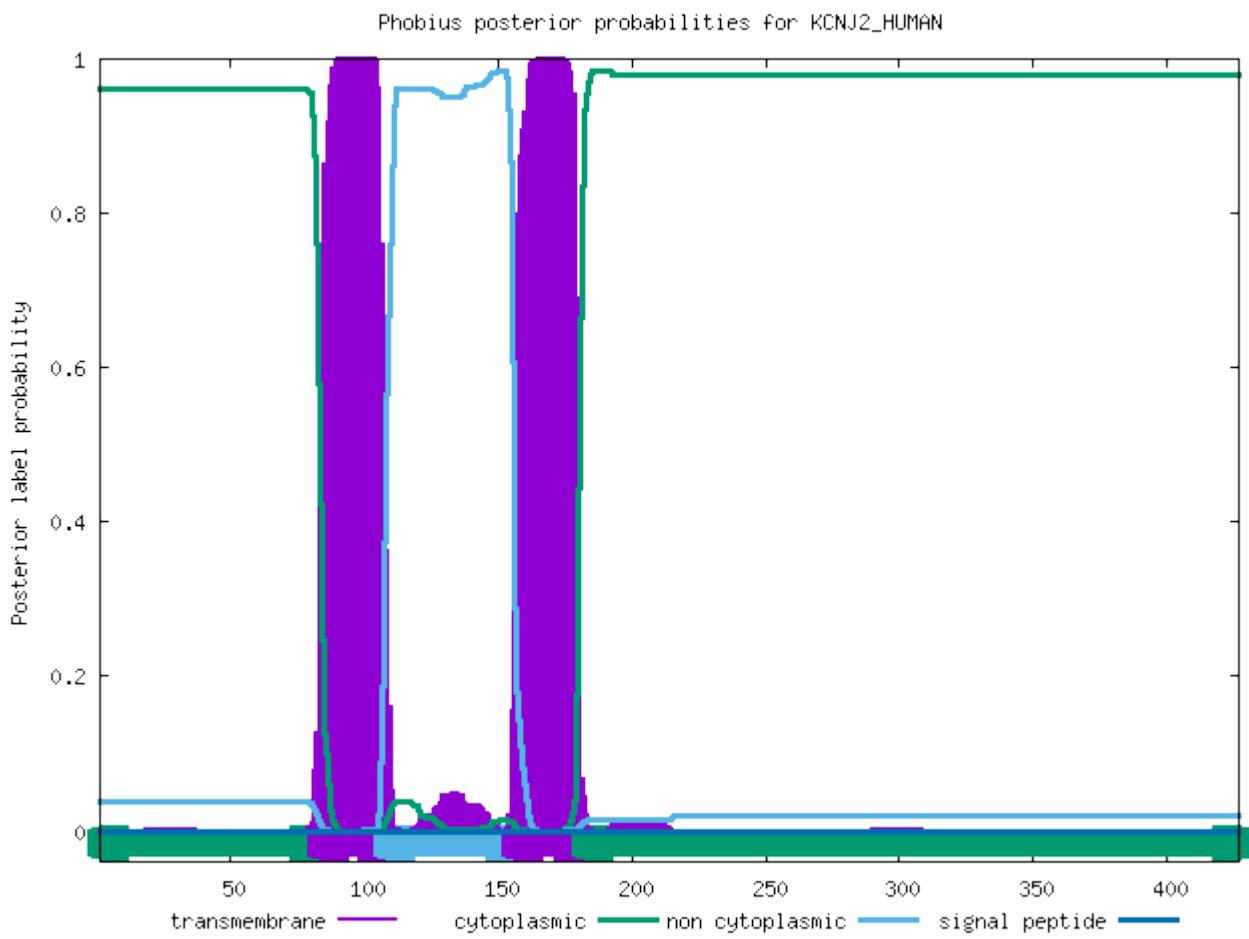
| ID | KCNN4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 24 | CYTOPLASMIC. |
| FT | TRANSMEM | 25 | 48 | |
| FT | TOPO_DOM | 49 | 53 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 79 | |
| FT | TOPO_DOM | 80 | 206 | CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 226 | |
| FT | TOPO_DOM | 227 | 261 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 286 | |
| FT | TOPO_DOM | 287 | 427 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNJ2_HUMAN

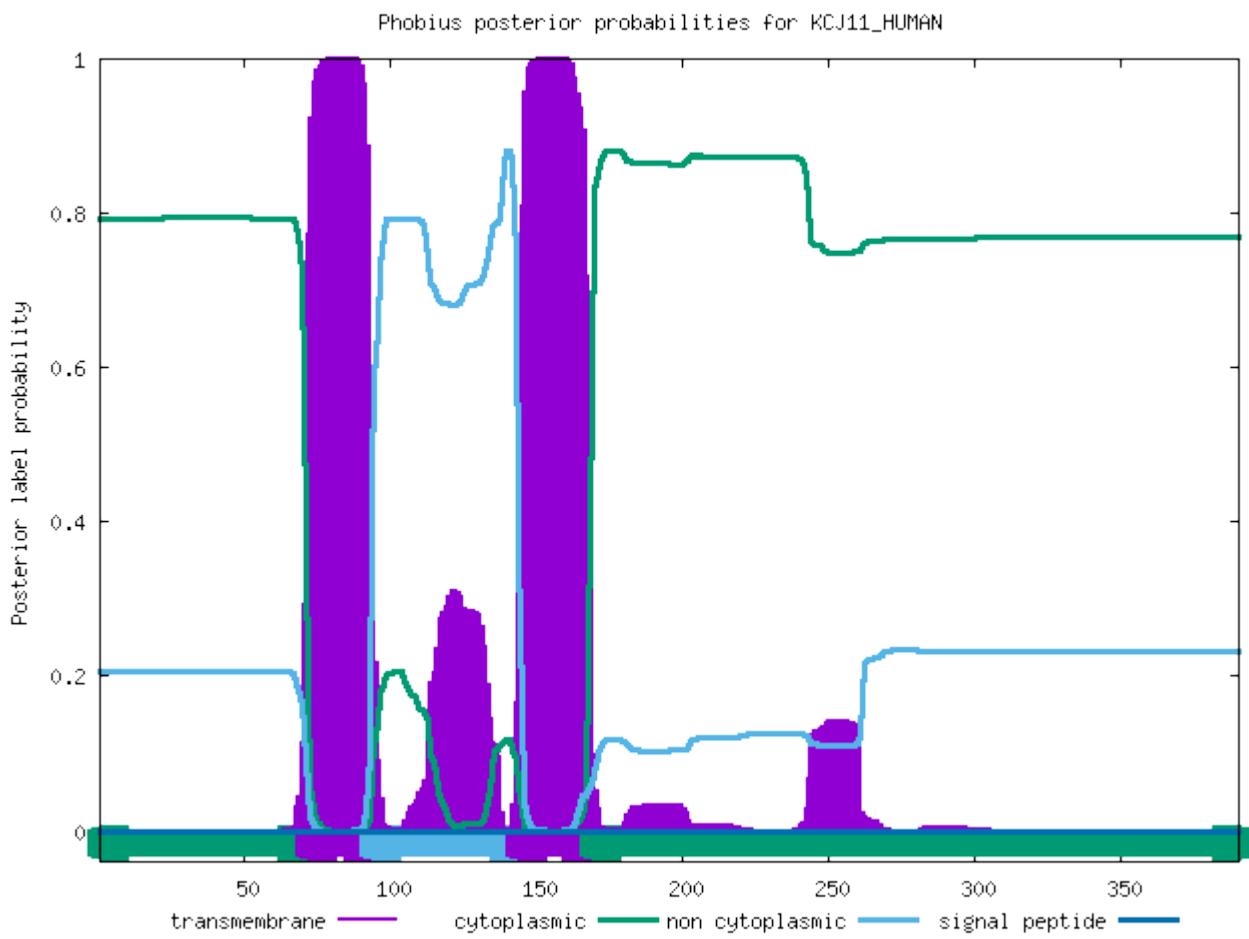
| | | | | |
|----|-------------|-----|-----|------------------|
| ID | KCNJ2_HUMAN | | | |
| FT | TOPO_DOM | 1 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 107 | |
| FT | TOPO_DOM | 108 | 155 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 181 | |
| FT | TOPO_DOM | 182 | 427 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCJ11_HUMAN

| | | | | |
|----|-------------|-----|-----|------------------|
| ID | KCJ11_HUMAN | | | |
| FT | TOPO_DOM | 1 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 93 | |
| FT | TOPO_DOM | 94 | 143 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 168 | |
| FT | TOPO_DOM | 169 | 390 | CYTOPLASMIC. |
| // | | | | |

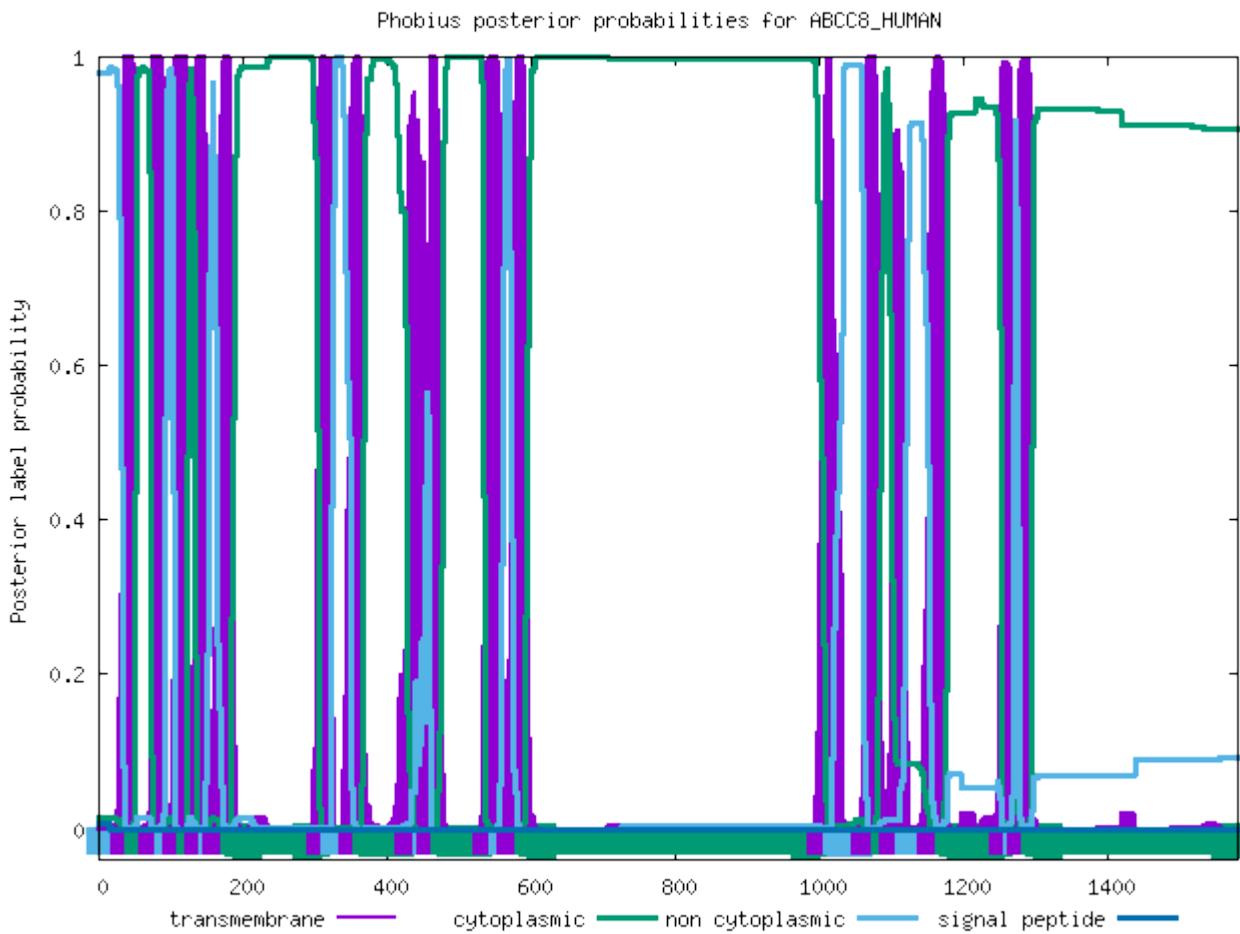


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCC8_HUMAN

| ID | ABCC8_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 32 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 52 | |
| FT | TOPO_DOM | 53 | 72 | CYTOPLASMIC. |
| FT | TRANSMEM | 73 | 94 | |
| FT | TOPO_DOM | 95 | 105 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 106 | 124 | |
| FT | TOPO_DOM | 125 | 135 | CYTOPLASMIC. |
| FT | TRANSMEM | 136 | 155 | |
| FT | TOPO_DOM | 156 | 160 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 185 | |
| FT | TOPO_DOM | 186 | 306 | CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 324 | |
| FT | TOPO_DOM | 325 | 350 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 368 | |
| FT | TOPO_DOM | 369 | 429 | CYTOPLASMIC. |
| FT | TRANSMEM | 430 | 454 | |
| FT | TOPO_DOM | 455 | 459 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 460 | 478 | |
| FT | TOPO_DOM | 479 | 535 | CYTOPLASMIC. |
| FT | TRANSMEM | 536 | 559 | |
| FT | TOPO_DOM | 560 | 570 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 571 | 593 | |
| FT | TOPO_DOM | 594 | 999 | CYTOPLASMIC. |
| FT | TRANSMEM | 1000 | 1021 | |
| FT | TOPO_DOM | 1022 | 1061 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1062 | 1088 | |
| FT | TOPO_DOM | 1089 | 1099 | CYTOPLASMIC. |
| FT | TRANSMEM | 1100 | 1121 | |
| FT | TOPO_DOM | 1122 | 1151 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1152 | 1177 | |
| FT | TOPO_DOM | 1178 | 1252 | CYTOPLASMIC. |
| FT | TRANSMEM | 1253 | 1271 | |
| FT | TOPO_DOM | 1272 | 1276 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1277 | 1296 | |
| FT | TOPO_DOM | 1297 | 1581 | CYTOPLASMIC. |
| // | | | | |



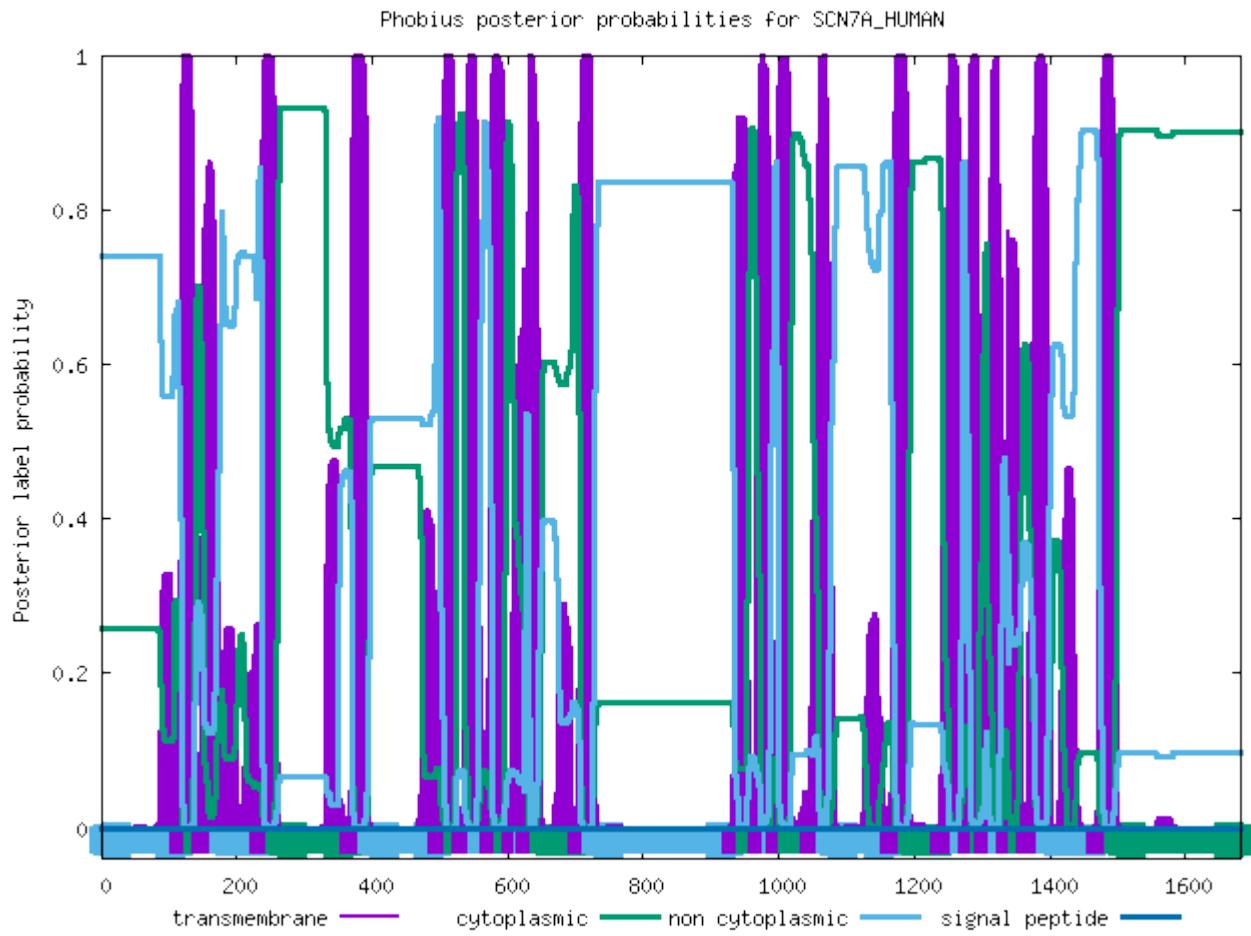
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN7A_HUMAN

| ID | SCN7A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 140 | |
| FT | TOPO_DOM | 141 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 176 | |
| FT | TOPO_DOM | 177 | 236 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 259 | |
| FT | TOPO_DOM | 260 | 368 | CYTOPLASMIC. |
| FT | TRANSMEM | 369 | 397 | |
| FT | TOPO_DOM | 398 | 500 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 501 | 524 | |
| FT | TOPO_DOM | 525 | 535 | CYTOPLASMIC. |
| FT | TRANSMEM | 536 | 557 | |
| FT | TOPO_DOM | 558 | 576 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 577 | 597 | |
| FT | TOPO_DOM | 598 | 608 | CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 625 | |
| FT | TOPO_DOM | 626 | 630 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 631 | 649 | |
| FT | TOPO_DOM | 650 | 707 | CYTOPLASMIC. |
| FT | TRANSMEM | 708 | 728 | |
| FT | TOPO_DOM | 729 | 933 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 934 | 953 | |
| FT | TOPO_DOM | 954 | 973 | CYTOPLASMIC. |
| FT | TRANSMEM | 974 | 993 | |
| FT | TOPO_DOM | 994 | 998 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 999 | 1017 | |
| FT | TOPO_DOM | 1018 | 1049 | CYTOPLASMIC. |
| FT | TRANSMEM | 1050 | 1072 | |
| FT | TOPO_DOM | 1073 | 1166 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1167 | 1193 | |
| FT | TOPO_DOM | 1194 | 1242 | CYTOPLASMIC. |
| FT | TRANSMEM | 1243 | 1270 | |
| FT | TOPO_DOM | 1271 | 1281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1282 | 1300 | |
| FT | TOPO_DOM | 1301 | 1306 | CYTOPLASMIC. |
| FT | TRANSMEM | 1307 | 1326 | |
| FT | TOPO_DOM | 1327 | 1337 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1338 | 1357 | |
| FT | TOPO_DOM | 1358 | 1368 | CYTOPLASMIC. |
| FT | TRANSMEM | 1369 | 1397 | |
| FT | TOPO_DOM | 1398 | 1472 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1473 | 1499 | |
| FT | TOPO_DOM | 1500 | 1682 | CYTOPLASMIC. |

//

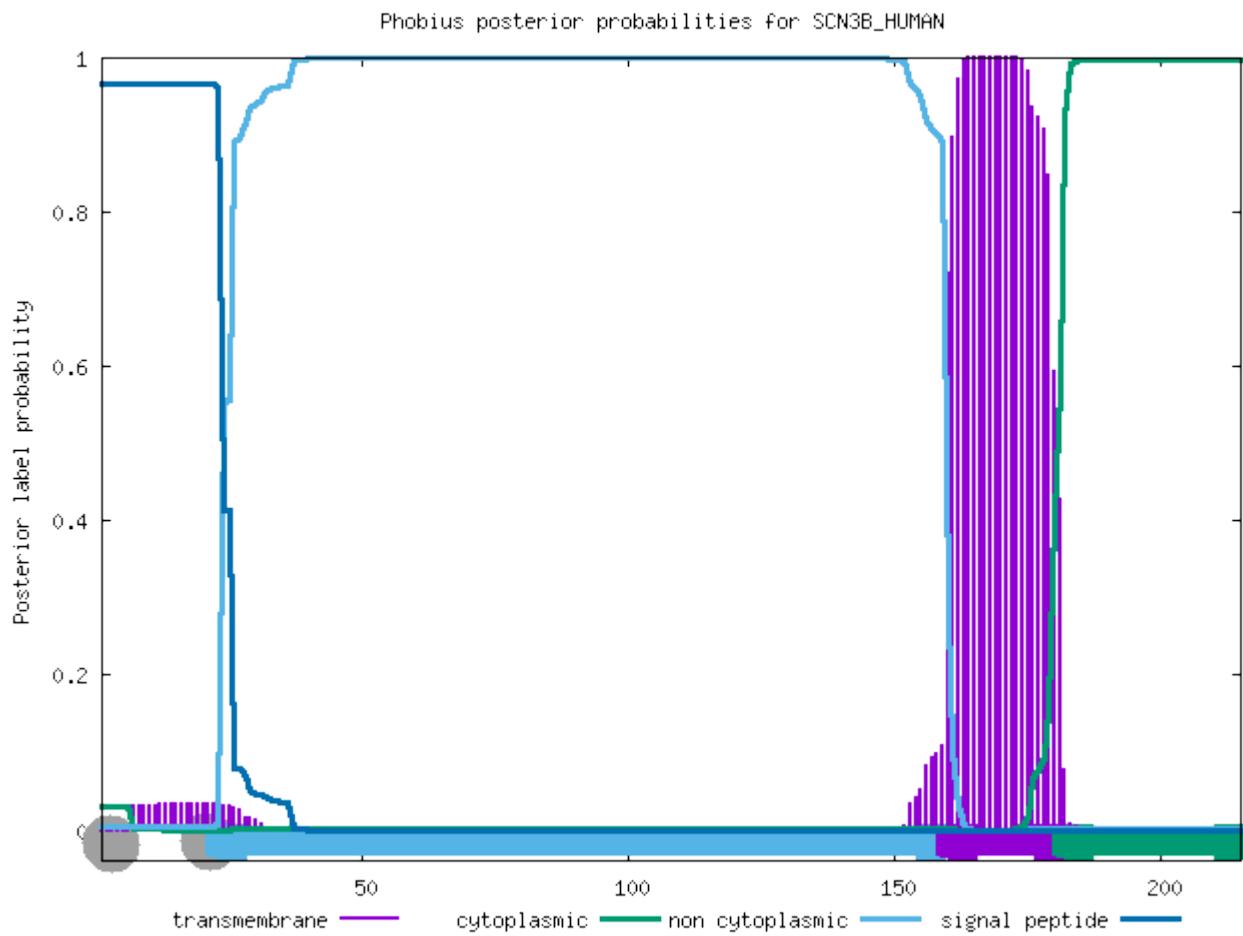


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN3B_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | SCN3B_HUMAN | | | |
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 6 | N-REGION. |
| FT | REGION | 7 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 159 | NON CYTOPLASMIC. |

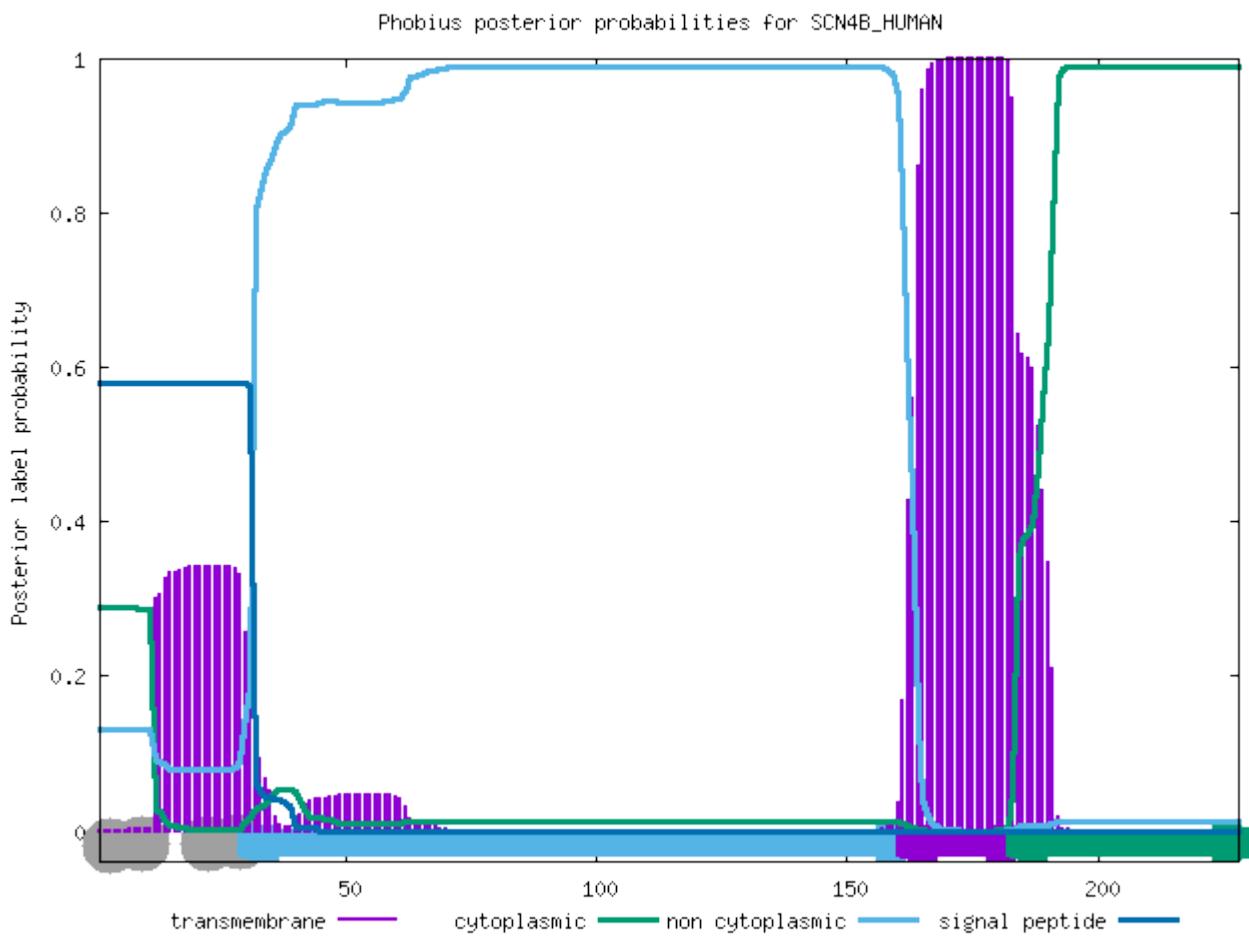
FT TRANSMEM 160 181
 FT TOPO_DOM 182 215 CYTOPLASMIC.
 //
 //



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN4B_HUMAN

| | | | | |
|----|-------------|-----|-----|------------------|
| ID | SCN4B_HUMAN | | | |
| FT | SIGNAL | 1 | 30 | |
| FT | REGION | 1 | 13 | N-REGION. |
| FT | REGION | 14 | 25 | H-REGION. |
| FT | REGION | 26 | 30 | C-REGION. |
| FT | TOPO_DOM | 31 | 161 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 183 | |
| FT | TOPO_DOM | 184 | 228 | CYTOPLASMIC. |
| // | | | | |

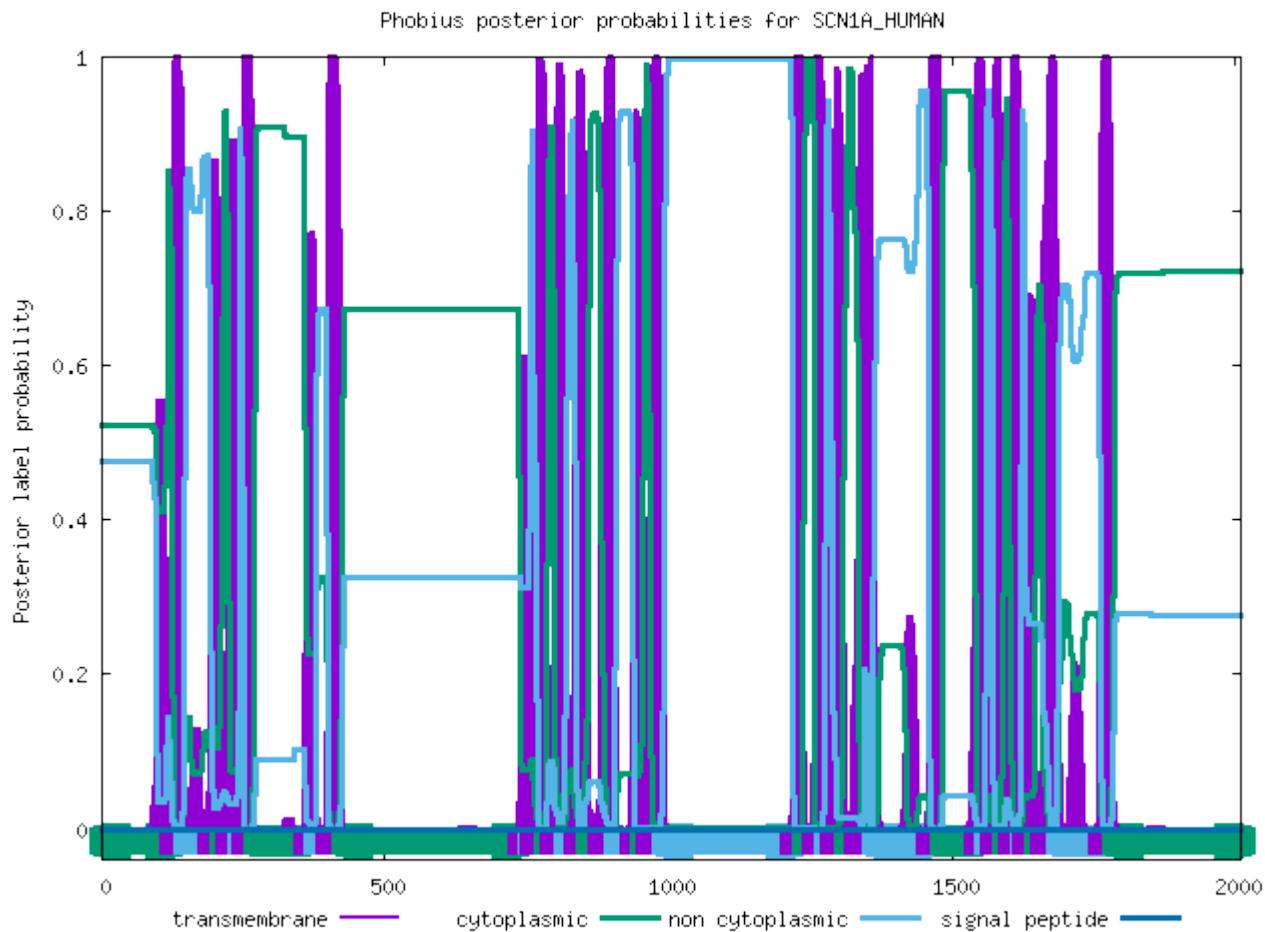


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN1A_HUMAN

| ID | SCN1A_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 147 | |
| FT | TOPO_DOM | 148 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 211 | |
| FT | TOPO_DOM | 212 | 222 | CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 244 | |
| FT | TOPO_DOM | 245 | 249 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 270 | |
| FT | TOPO_DOM | 271 | 359 | CYTOPLASMIC. |
| FT | TRANSMEM | 360 | 379 | |
| FT | TOPO_DOM | 380 | 398 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 399 | 426 | |
| FT | TOPO_DOM | 427 | 736 | CYTOPLASMIC. |
| FT | TRANSMEM | 737 | 755 | |
| FT | TOPO_DOM | 756 | 760 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 761 | 784 | |
| FT | TOPO_DOM | 785 | 795 | CYTOPLASMIC. |
| FT | TRANSMEM | 796 | 817 | |
| FT | TOPO_DOM | 818 | 836 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 837 | 858 | |
| FT | TOPO_DOM | 859 | 878 | CYTOPLASMIC. |
| FT | TRANSMEM | 879 | 907 | |
| FT | TOPO_DOM | 908 | 936 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 937 | 954 | |
| FT | TOPO_DOM | 955 | 965 | CYTOPLASMIC. |
| FT | TRANSMEM | 966 | 992 | |
| FT | TOPO_DOM | 993 | 1218 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1219 | 1237 | |
| FT | TOPO_DOM | 1238 | 1257 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1258 | 1277 | |
| FT | TOPO_DOM | 1278 | 1288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1289 | 1312 | |
| FT | TOPO_DOM | 1313 | 1332 | CYTOPLASMIC. |
| FT | TRANSMEM | 1333 | 1361 | |
| FT | TOPO_DOM | 1362 | 1458 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1459 | 1483 | |
| FT | TOPO_DOM | 1484 | 1541 | CYTOPLASMIC. |
| FT | TRANSMEM | 1542 | 1560 | |
| FT | TOPO_DOM | 1561 | 1571 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1572 | 1590 | |
| FT | TOPO_DOM | 1591 | 1601 | CYTOPLASMIC. |
| FT | TRANSMEM | 1602 | 1622 | |
| FT | TOPO_DOM | 1623 | 1627 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1628 | 1647 | |
| FT | TOPO_DOM | 1648 | 1658 | CYTOPLASMIC. |
| FT | TRANSMEM | 1659 | 1687 | |
| FT | TOPO_DOM | 1688 | 1762 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1763 | 1786 | |
| FT | TOPO_DOM | 1787 | 2009 | CYTOPLASMIC. |
| // | | | | |

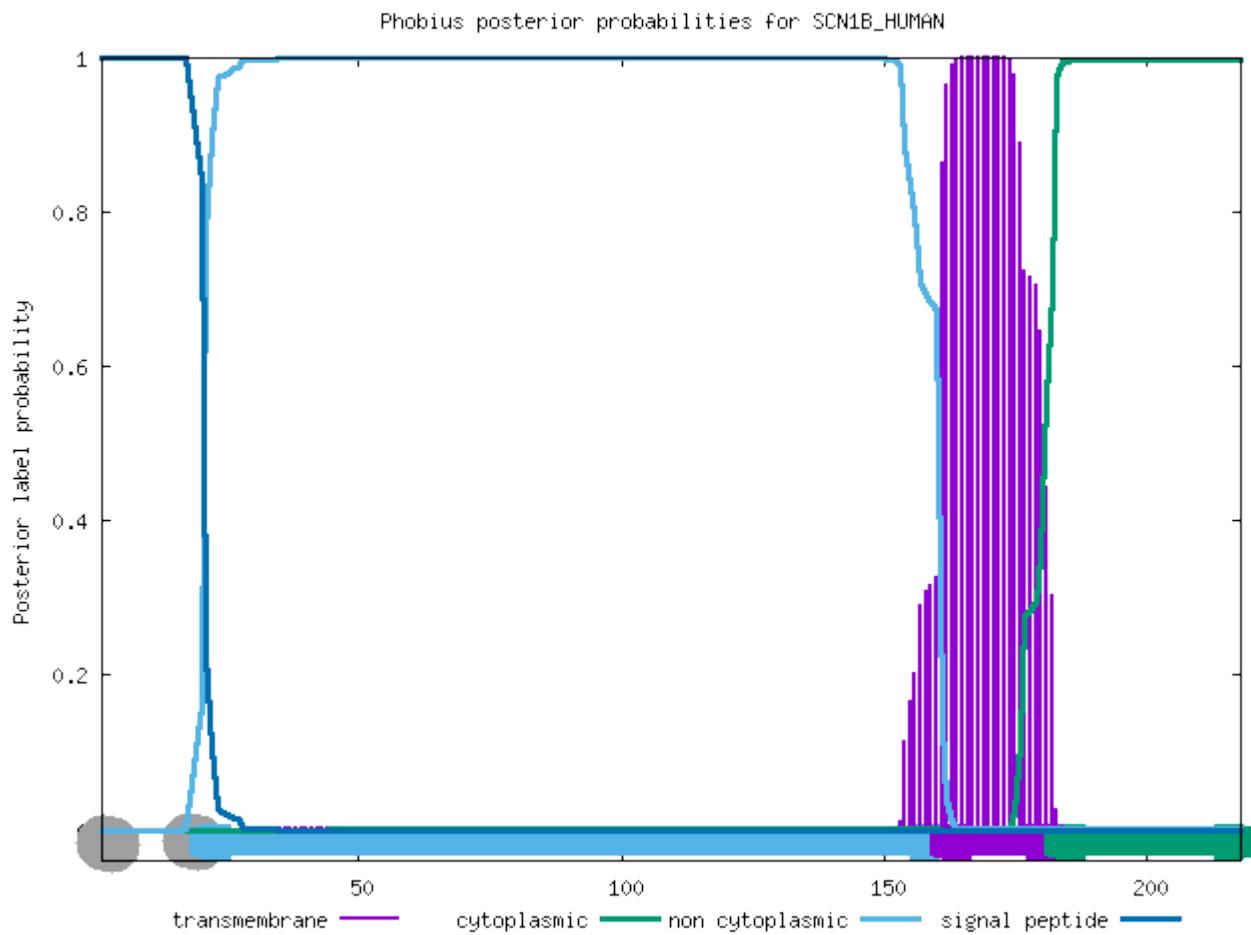


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN1B_HUMAN

| ID | SCN1B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 160 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 182 | |

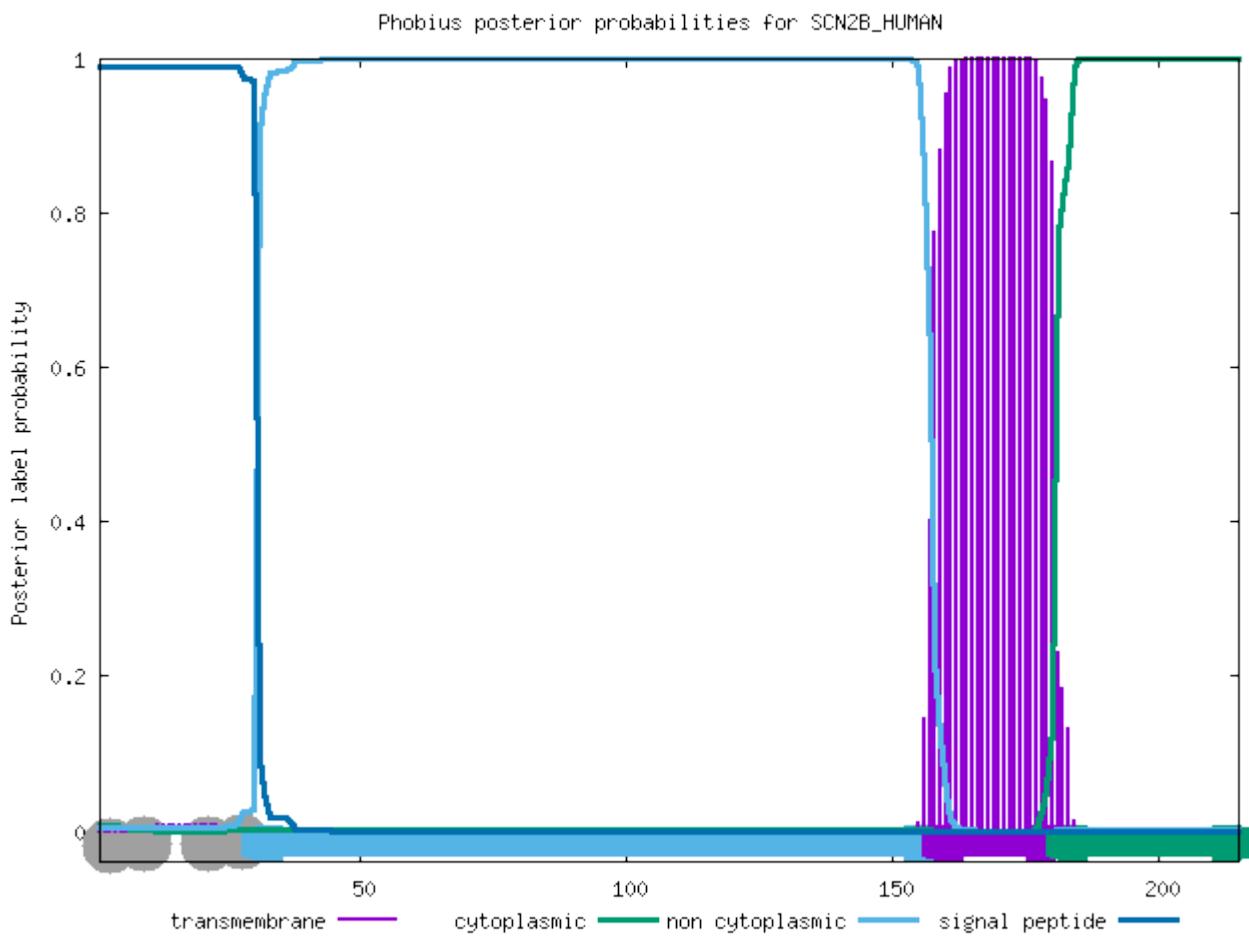
FT TOPO_DOM 183 218 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN2B_HUMAN

| ID | SCN2B_HUMAN | | |
|----|-------------|-----|--------------|
| FT | SIGNAL | 1 | 29 |
| FT | REGION | 1 | 10 |
| FT | REGION | 11 | 24 |
| FT | REGION | 25 | 29 |
| FT | TOPO_DOM | 30 | 157 |
| FT | TRANSMEM | 158 | 180 |
| FT | TOPO_DOM | 181 | 215 |
| // | | | CYTOPLASMIC. |



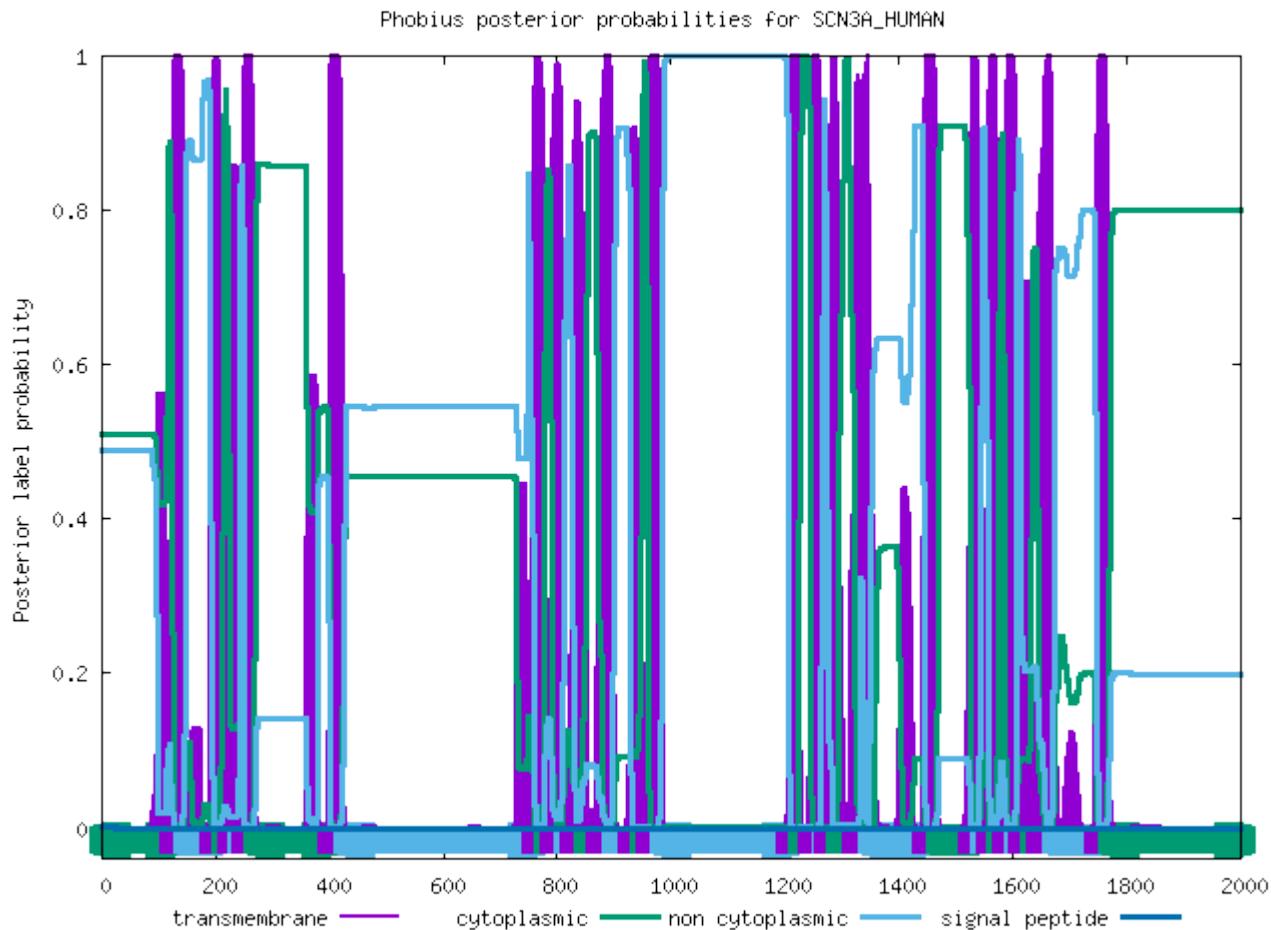
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN3A_HUMAN

| ID | SCN3A_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 147 | |
| FT | TOPO_DOM | 148 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 215 | |
| FT | TOPO_DOM | 216 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 244 | |
| FT | TOPO_DOM | 245 | 249 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 270 | |
| FT | TOPO_DOM | 271 | 399 | CYTOPLASMIC. |
| FT | TRANSMEM | 400 | 427 | |
| FT | TOPO_DOM | 428 | 760 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 761 | 779 | |
| FT | TOPO_DOM | 780 | 790 | CYTOPLASMIC. |
| FT | TRANSMEM | 791 | 814 | |
| FT | TOPO_DOM | 815 | 825 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 826 | 850 | |
| FT | TOPO_DOM | 851 | 870 | CYTOPLASMIC. |
| FT | TRANSMEM | 871 | 899 | |
| FT | TOPO_DOM | 900 | 928 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 929 | 949 | |
| FT | TOPO_DOM | 950 | 960 | CYTOPLASMIC. |
| FT | TRANSMEM | 961 | 984 | |
| FT | TOPO_DOM | 985 | 1206 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1207 | 1225 | |
| FT | TOPO_DOM | 1226 | 1245 | CYTOPLASMIC. |
| FT | TRANSMEM | 1246 | 1268 | |
| FT | TOPO_DOM | 1269 | 1273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1274 | 1294 | |
| FT | TOPO_DOM | 1295 | 1322 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1323 | 1349 | |
| FT | TOPO_DOM | 1350 | 1443 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1444 | 1468 | |
| FT | TOPO_DOM | 1469 | 1526 | CYTOPLASMIC. |
| FT | TRANSMEM | 1527 | 1545 | |
| FT | TOPO_DOM | 1546 | 1556 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1557 | 1575 | |
| FT | TOPO_DOM | 1576 | 1586 | CYTOPLASMIC. |
| FT | TRANSMEM | 1587 | 1607 | |
| FT | TOPO_DOM | 1608 | 1612 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1613 | 1632 | |
| FT | TOPO_DOM | 1633 | 1643 | CYTOPLASMIC. |
| FT | TRANSMEM | 1644 | 1672 | |
| FT | TOPO_DOM | 1673 | 1747 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1748 | 1771 | |
| FT | TOPO_DOM | 1772 | 2000 | CYTOPLASMIC. |

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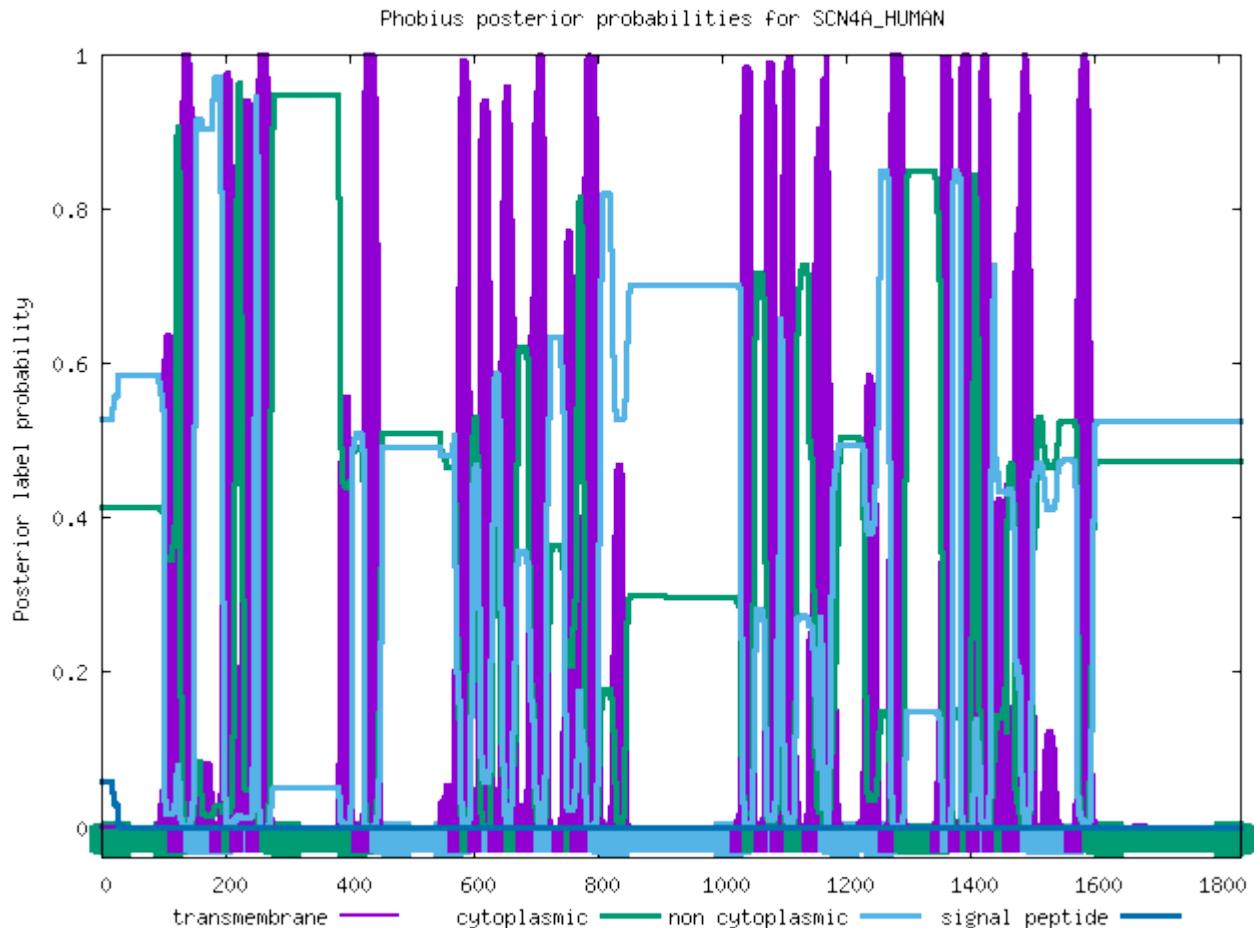
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN4A_HUMAN

| ID | SCN4A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 126 | CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 150 | |
| FT | TOPO_DOM | 151 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 214 | |
| FT | TOPO_DOM | 215 | 225 | CYTOPLASMIC. |
| FT | TRANSMEM | 226 | 247 | |
| FT | TOPO_DOM | 248 | 252 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 273 | |
| FT | TOPO_DOM | 274 | 422 | CYTOPLASMIC. |
| FT | TRANSMEM | 423 | 451 | |
| FT | TOPO_DOM | 452 | 578 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 579 | 597 | |
| FT | TOPO_DOM | 598 | 608 | CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 632 | |
| FT | TOPO_DOM | 633 | 643 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 644 | 668 | |
| FT | TOPO_DOM | 669 | 688 | CYTOPLASMIC. |
| FT | TRANSMEM | 689 | 717 | |
| FT | TOPO_DOM | 718 | 746 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 747 | 764 | |
| FT | TOPO_DOM | 765 | 775 | CYTOPLASMIC. |
| FT | TRANSMEM | 776 | 802 | |
| FT | TOPO_DOM | 803 | 1031 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1032 | 1050 | |
| FT | TOPO_DOM | 1051 | 1070 | CYTOPLASMIC. |
| FT | TRANSMEM | 1071 | 1093 | |
| FT | TOPO_DOM | 1094 | 1098 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1099 | 1119 | |
| FT | TOPO_DOM | 1120 | 1147 | CYTOPLASMIC. |
| FT | TRANSMEM | 1148 | 1174 | |
| FT | TOPO_DOM | 1175 | 1271 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1272 | 1295 | |
| FT | TOPO_DOM | 1296 | 1353 | CYTOPLASMIC. |
| FT | TRANSMEM | 1354 | 1372 | |
| FT | TOPO_DOM | 1373 | 1383 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1384 | 1402 | |
| FT | TOPO_DOM | 1403 | 1413 | CYTOPLASMIC. |
| FT | TRANSMEM | 1414 | 1434 | |
| FT | TOPO_DOM | 1435 | 1439 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1440 | 1459 | |
| FT | TOPO_DOM | 1460 | 1470 | CYTOPLASMIC. |
| FT | TRANSMEM | 1471 | 1499 | |
| FT | TOPO_DOM | 1500 | 1571 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1572 | 1598 | |
| FT | TOPO_DOM | 1599 | 1836 | CYTOPLASMIC. |

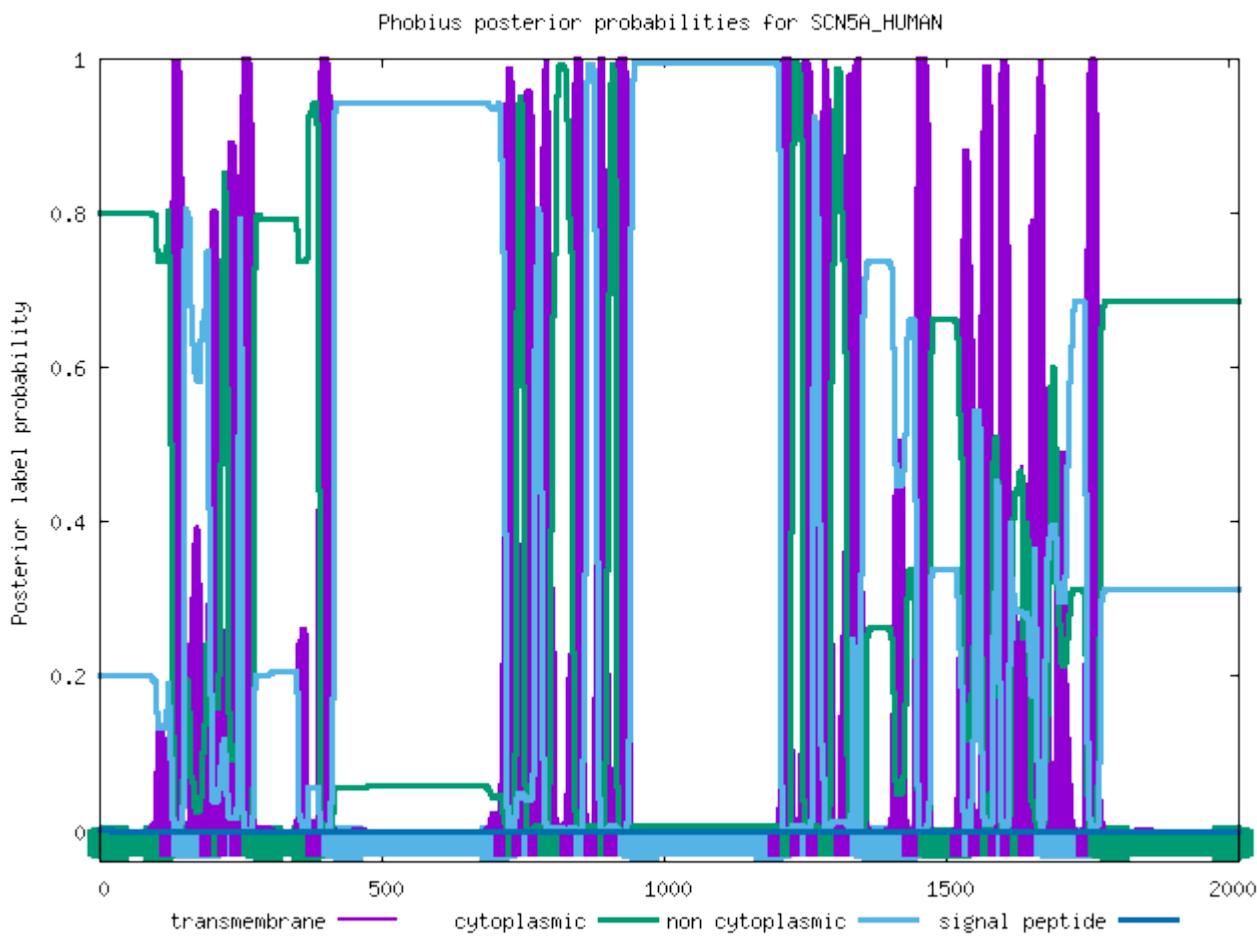
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The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCNSA_HUMAN

| ID | SCNSA_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 126 | CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 149 | |
| FT | TOPO_DOM | 150 | 197 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 218 | |
| FT | TOPO_DOM | 219 | 229 | CYTOPLASMIC. |
| FT | TRANSMEM | 230 | 247 | |
| FT | TOPO_DOM | 248 | 252 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 273 | |
| FT | TOPO_DOM | 274 | 387 | CYTOPLASMIC. |
| FT | TRANSMEM | 388 | 416 | |
| FT | TOPO_DOM | 417 | 720 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 721 | 739 | |
| FT | TOPO_DOM | 740 | 750 | CYTOPLASMIC. |
| FT | TRANSMEM | 751 | 769 | |
| FT | TOPO_DOM | 770 | 780 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 781 | 798 | |
| FT | TOPO_DOM | 799 | 837 | CYTOPLASMIC. |
| FT | TRANSMEM | 838 | 861 | |
| FT | TOPO_DOM | 862 | 880 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 881 | 902 | |
| FT | TOPO_DOM | 903 | 913 | CYTOPLASMIC. |
| FT | TRANSMEM | 914 | 939 | |
| FT | TOPO_DOM | 940 | 1204 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1205 | 1224 | |
| FT | TOPO_DOM | 1225 | 1244 | CYTOPLASMIC. |
| FT | TRANSMEM | 1245 | 1261 | |
| FT | TOPO_DOM | 1262 | 1272 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1273 | 1294 | |
| FT | TOPO_DOM | 1295 | 1321 | CYTOPLASMIC. |
| FT | TRANSMEM | 1322 | 1348 | |
| FT | TOPO_DOM | 1349 | 1443 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1444 | 1470 | |
| FT | TOPO_DOM | 1471 | 1528 | CYTOPLASMIC. |
| FT | TRANSMEM | 1529 | 1547 | |
| FT | TOPO_DOM | 1548 | 1558 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1559 | 1581 | |
| FT | TOPO_DOM | 1582 | 1592 | CYTOPLASMIC. |
| FT | TRANSMEM | 1593 | 1609 | |
| FT | TOPO_DOM | 1610 | 1614 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1615 | 1634 | |
| FT | TOPO_DOM | 1635 | 1645 | CYTOPLASMIC. |
| FT | TRANSMEM | 1646 | 1674 | |
| FT | TOPO_DOM | 1675 | 1748 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1749 | 1772 | |
| FT | TOPO_DOM | 1773 | 2016 | CYTOPLASMIC. |
| // | | | | |



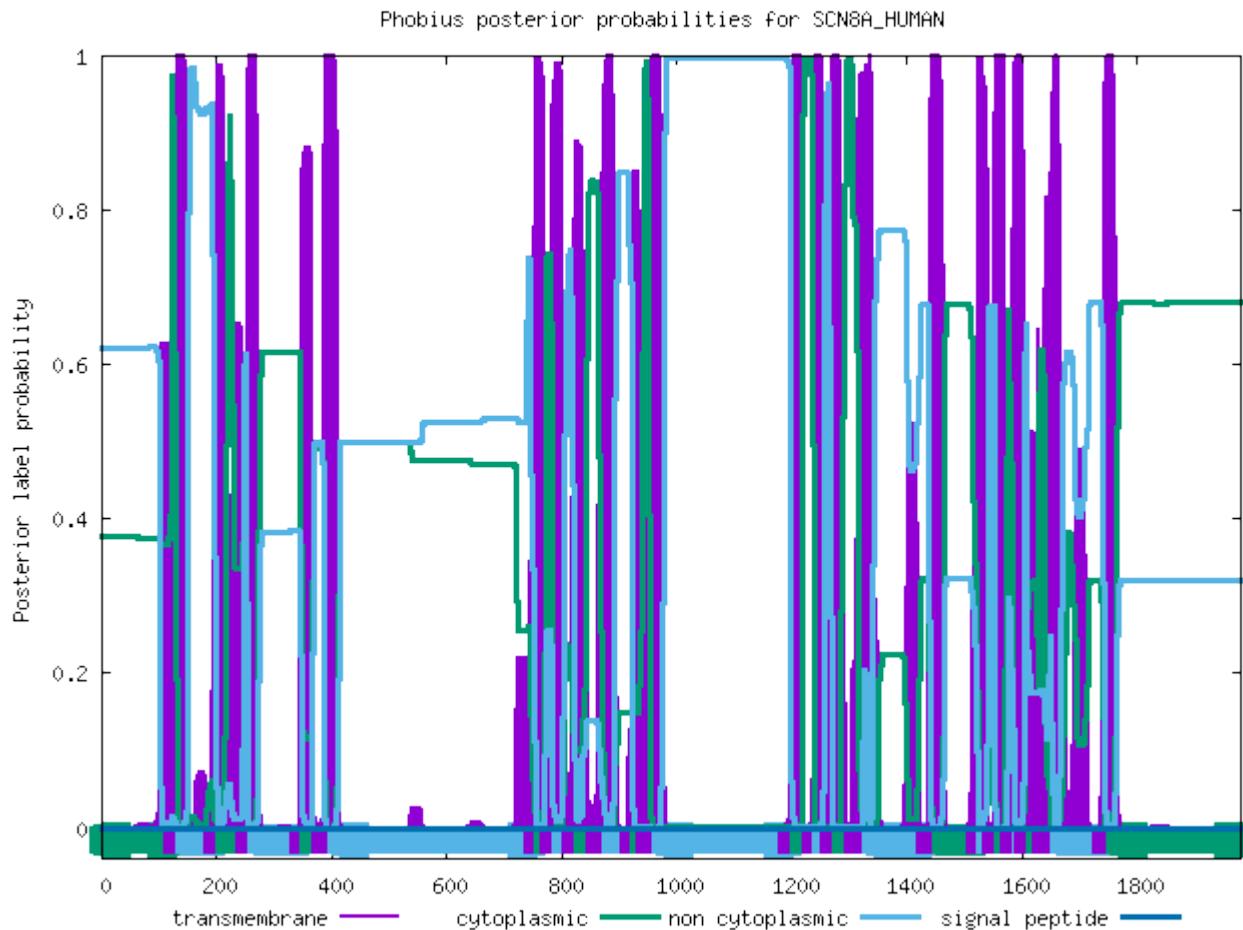
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN8A_HUMAN

| ID | SCN8A_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 127 | CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 151 | |
| FT | TOPO_DOM | 152 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 219 | |
| FT | TOPO_DOM | 220 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 274 | |
| FT | TOPO_DOM | 275 | 347 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 348 | 366 | |
| FT | TOPO_DOM | 367 | 386 | CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 414 | |
| FT | TOPO_DOM | 415 | 753 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 754 | 772 | |
| FT | TOPO_DOM | 773 | 783 | CYTOPLASMIC. |
| FT | TRANSMEM | 784 | 802 | |
| FT | TOPO_DOM | 803 | 821 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 822 | 843 | |
| FT | TOPO_DOM | 844 | 863 | CYTOPLASMIC. |
| FT | TRANSMEM | 864 | 892 | |
| FT | TOPO_DOM | 893 | 921 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 922 | 939 | |
| FT | TOPO_DOM | 940 | 950 | CYTOPLASMIC. |
| FT | TRANSMEM | 951 | 977 | |
| FT | TOPO_DOM | 978 | 1198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1199 | 1217 | |
| FT | TOPO_DOM | 1218 | 1237 | CYTOPLASMIC. |
| FT | TRANSMEM | 1238 | 1257 | |
| FT | TOPO_DOM | 1258 | 1268 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1269 | 1292 | |
| FT | TOPO_DOM | 1293 | 1312 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1313 | 1341 | |
| FT | TOPO_DOM | 1342 | 1437 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1438 | 1464 | |
| FT | TOPO_DOM | 1465 | 1522 | CYTOPLASMIC. |
| FT | TRANSMEM | 1523 | 1541 | |
| FT | TOPO_DOM | 1542 | 1552 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1553 | 1571 | |
| FT | TOPO_DOM | 1572 | 1582 | CYTOPLASMIC. |
| FT | TRANSMEM | 1583 | 1603 | |
| FT | TOPO_DOM | 1604 | 1608 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1609 | 1628 | |
| FT | TOPO_DOM | 1629 | 1639 | CYTOPLASMIC. |
| FT | TRANSMEM | 1640 | 1668 | |
| FT | TOPO_DOM | 1669 | 1742 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1743 | 1766 | |
| FT | TOPO_DOM | 1767 | 1980 | CYTOPLASMIC. |

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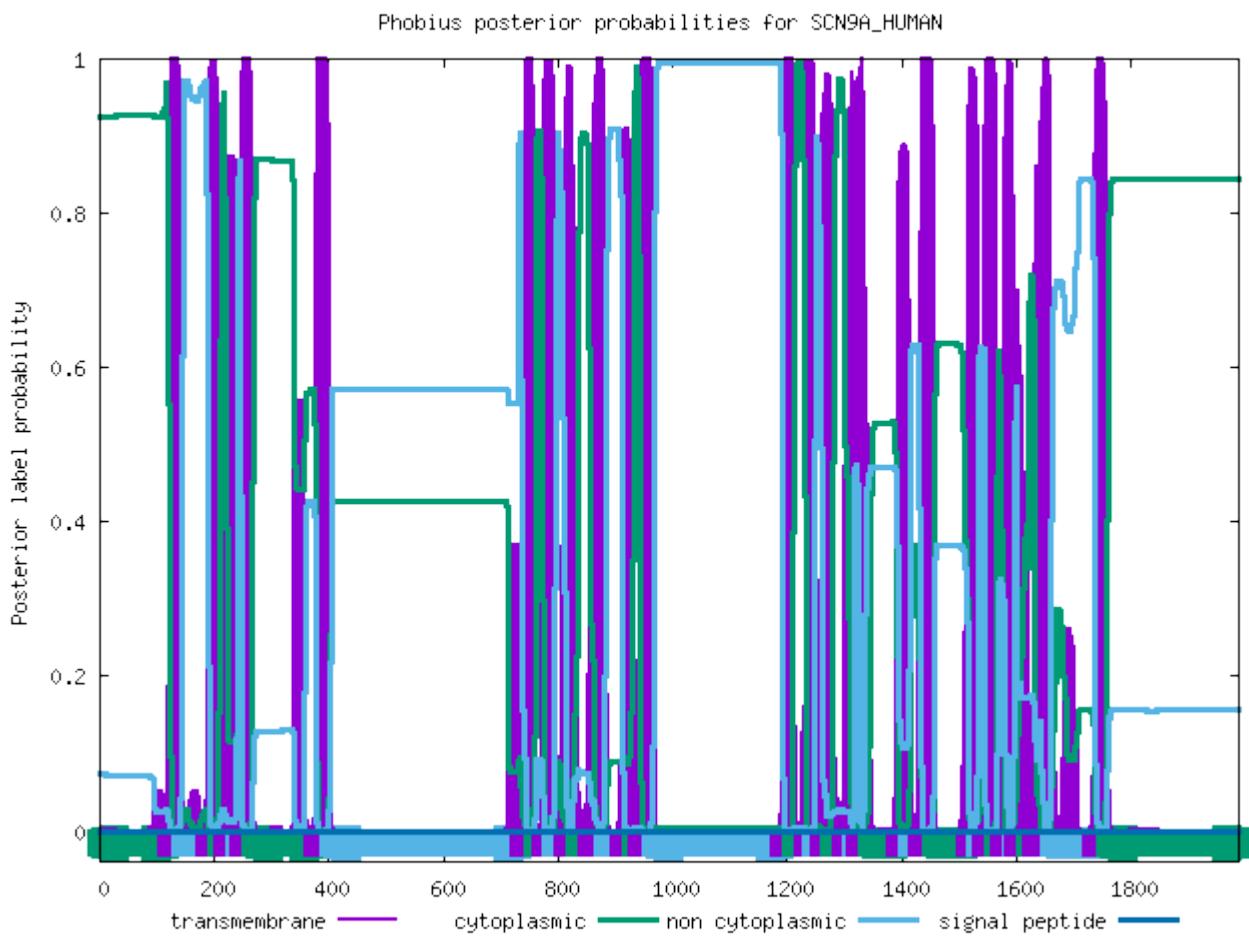
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCN9A_HUMAN

| ID | SCN9A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 121 | CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 145 | |
| FT | TOPO_DOM | 146 | 189 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 209 | |
| FT | TOPO_DOM | 210 | 220 | CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 242 | |
| FT | TOPO_DOM | 243 | 247 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 248 | 268 | |
| FT | TOPO_DOM | 269 | 377 | CYTOPLASMIC. |
| FT | TRANSMEM | 378 | 405 | |
| FT | TOPO_DOM | 406 | 736 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 737 | 763 | |
| FT | TOPO_DOM | 764 | 774 | CYTOPLASMIC. |
| FT | TRANSMEM | 775 | 793 | |
| FT | TOPO_DOM | 794 | 812 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 813 | 834 | |
| FT | TOPO_DOM | 835 | 854 | CYTOPLASMIC. |
| FT | TRANSMEM | 855 | 883 | |
| FT | TOPO_DOM | 884 | 912 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 913 | 933 | |
| FT | TOPO_DOM | 934 | 944 | CYTOPLASMIC. |
| FT | TRANSMEM | 945 | 968 | |
| FT | TOPO_DOM | 969 | 1192 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1193 | 1211 | |
| FT | TOPO_DOM | 1212 | 1231 | CYTOPLASMIC. |
| FT | TRANSMEM | 1232 | 1248 | |
| FT | TOPO_DOM | 1249 | 1259 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1260 | 1279 | |
| FT | TOPO_DOM | 1280 | 1299 | CYTOPLASMIC. |
| FT | TRANSMEM | 1300 | 1318 | |
| FT | TOPO_DOM | 1319 | 1323 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1324 | 1344 | |
| FT | TOPO_DOM | 1345 | 1392 | CYTOPLASMIC. |
| FT | TRANSMEM | 1393 | 1414 | |
| FT | TOPO_DOM | 1415 | 1433 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1434 | 1457 | |
| FT | TOPO_DOM | 1458 | 1515 | CYTOPLASMIC. |
| FT | TRANSMEM | 1516 | 1534 | |
| FT | TOPO_DOM | 1535 | 1545 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1546 | 1564 | |
| FT | TOPO_DOM | 1565 | 1575 | CYTOPLASMIC. |
| FT | TRANSMEM | 1576 | 1596 | |
| FT | TOPO_DOM | 1597 | 1601 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1602 | 1621 | |
| FT | TOPO_DOM | 1622 | 1632 | CYTOPLASMIC. |
| FT | TRANSMEM | 1633 | 1661 | |
| FT | TOPO_DOM | 1662 | 1736 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1737 | 1760 | |
| FT | TOPO_DOM | 1761 | 1988 | CYTOPLASMIC. |

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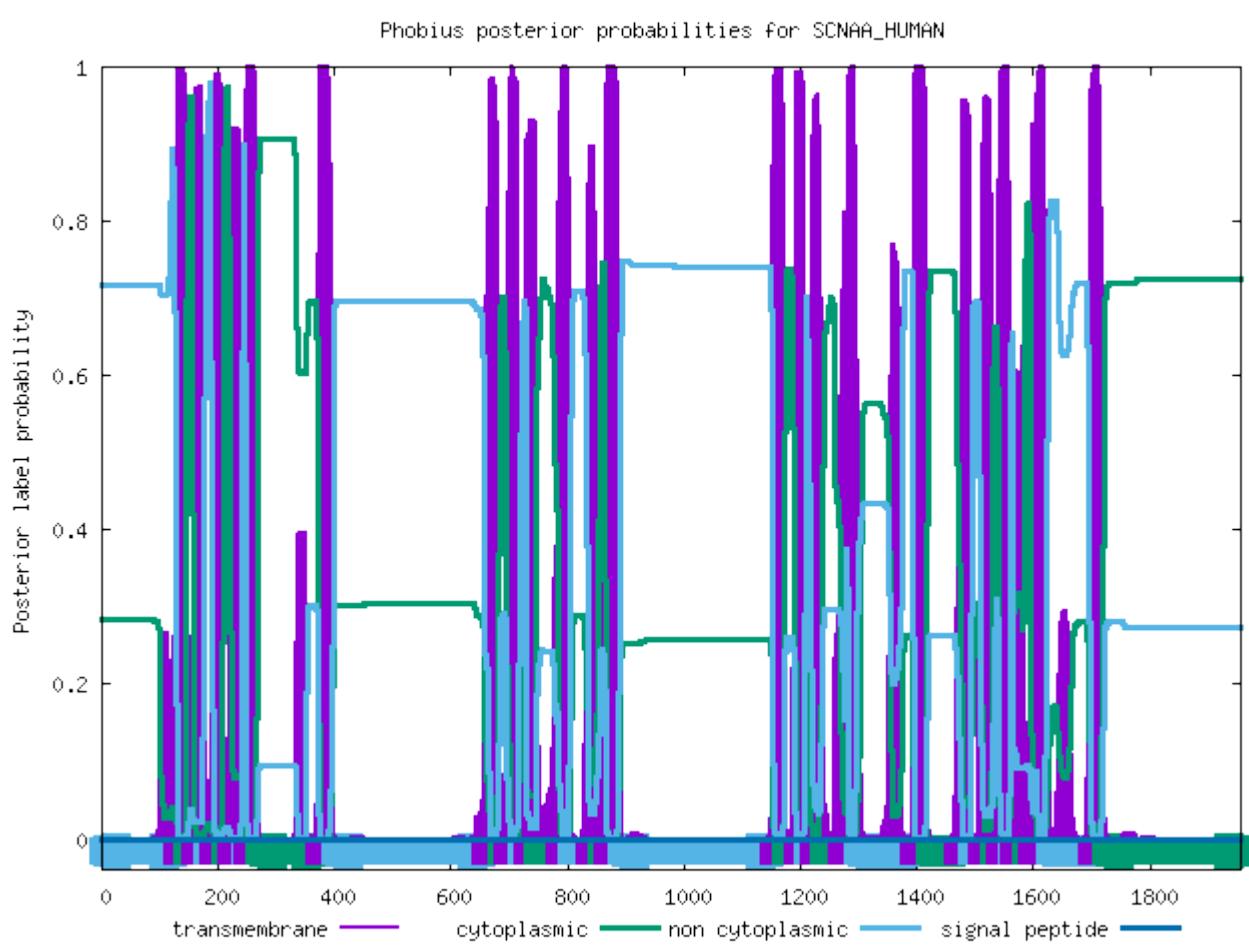
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCNAA_HUMAN

| ID | SCNAA_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 146 | |
| FT | TOPO_DOM | 147 | 157 | CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 177 | |
| FT | TOPO_DOM | 178 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 210 | |
| FT | TOPO_DOM | 211 | 221 | CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 243 | |
| FT | TOPO_DOM | 244 | 248 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 249 | 268 | |
| FT | TOPO_DOM | 269 | 371 | CYTOPLASMIC. |
| FT | TRANSMEM | 372 | 400 | |
| FT | TOPO_DOM | 401 | 656 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 657 | 683 | |
| FT | TOPO_DOM | 684 | 694 | CYTOPLASMIC. |
| FT | TRANSMEM | 695 | 717 | |
| FT | TOPO_DOM | 718 | 728 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 729 | 747 | |
| FT | TOPO_DOM | 748 | 783 | CYTOPLASMIC. |
| FT | TRANSMEM | 784 | 804 | |
| FT | TOPO_DOM | 805 | 834 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 835 | 855 | |
| FT | TOPO_DOM | 856 | 866 | CYTOPLASMIC. |
| FT | TRANSMEM | 867 | 890 | |
| FT | TOPO_DOM | 891 | 1152 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1153 | 1171 | |
| FT | TOPO_DOM | 1172 | 1191 | CYTOPLASMIC. |
| FT | TRANSMEM | 1192 | 1208 | |
| FT | TOPO_DOM | 1209 | 1219 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1220 | 1238 | |
| FT | TOPO_DOM | 1239 | 1268 | CYTOPLASMIC. |
| FT | TRANSMEM | 1269 | 1295 | |
| FT | TOPO_DOM | 1296 | 1393 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1394 | 1418 | |
| FT | TOPO_DOM | 1419 | 1467 | CYTOPLASMIC. |
| FT | TRANSMEM | 1468 | 1491 | |
| FT | TOPO_DOM | 1492 | 1510 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1511 | 1529 | |
| FT | TOPO_DOM | 1530 | 1540 | CYTOPLASMIC. |
| FT | TRANSMEM | 1541 | 1560 | |
| FT | TOPO_DOM | 1561 | 1565 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1566 | 1584 | |
| FT | TOPO_DOM | 1585 | 1595 | CYTOPLASMIC. |
| FT | TRANSMEM | 1596 | 1624 | |
| FT | TOPO_DOM | 1625 | 1698 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1699 | 1722 | |
| FT | TOPO_DOM | 1723 | 1956 | CYTOPLASMIC. |

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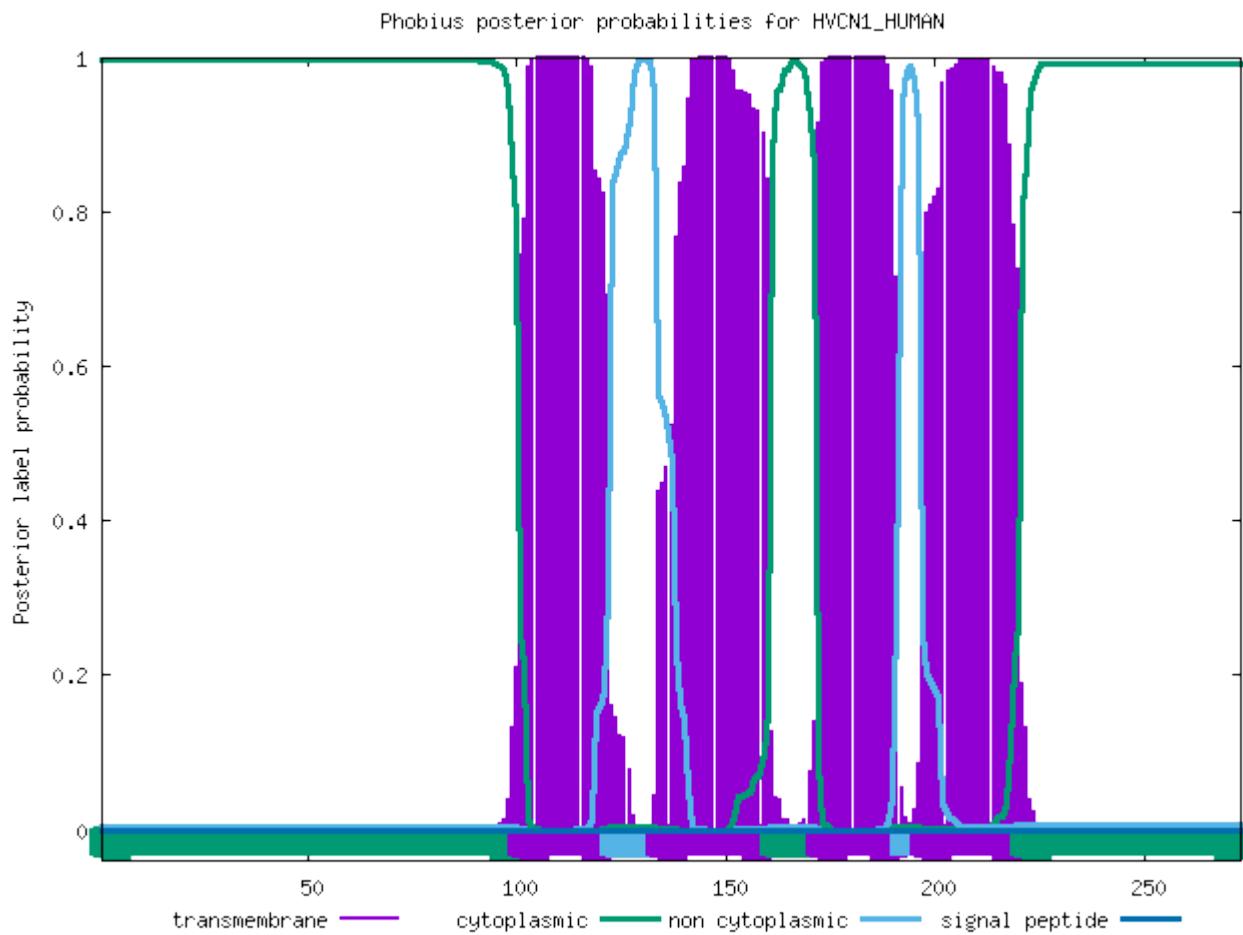


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HVCN1_HUMAN

| ID | HVCN1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 100 | CYTOPLASMIC. |
| FT | TRANSMEM | 101 | 122 | |
| FT | TOPO_DOM | 123 | 133 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 134 | 160 | |
| FT | TOPO_DOM | 161 | 171 | CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 191 | |
| FT | TOPO_DOM | 192 | 196 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 220 | |

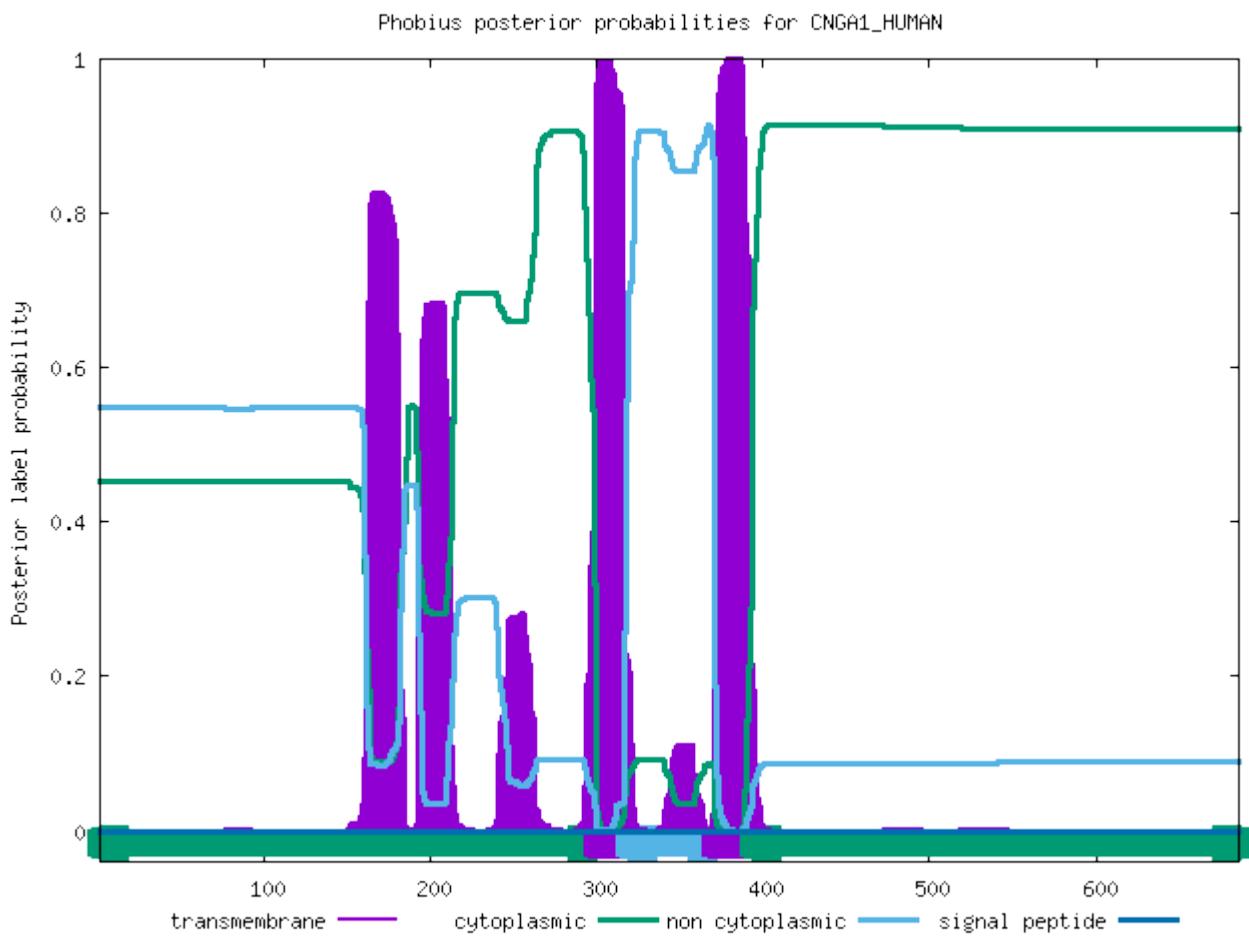
FT TOPO_DOM 221 273 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CNGA1_HUMAN

| ID | CNGA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 298 | CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 318 | |
| FT | TOPO_DOM | 319 | 370 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 371 | 393 | |
| FT | TOPO_DOM | 394 | 686 | CYTOPLASMIC. |
| // | | | | |

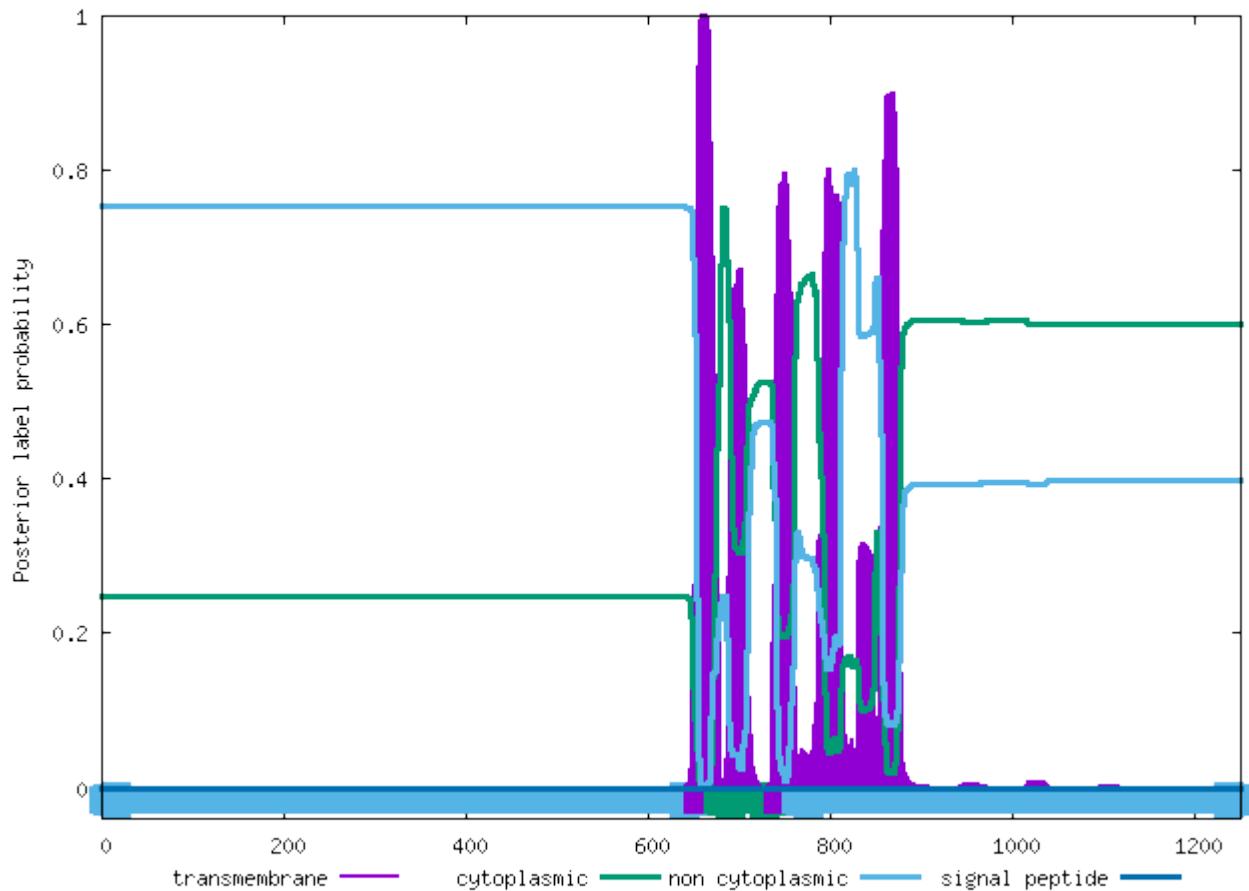


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CNGB1_HUMAN

| | | | | |
|----|-------------|-----|------|------------------|
| ID | CNGB1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 653 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 674 | |
| FT | TOPO_DOM | 675 | 741 | CYTOPLASMIC. |
| FT | TRANSMEM | 742 | 761 | |
| FT | TOPO_DOM | 762 | 1251 | NON CYTOPLASMIC. |
| // | | | | |

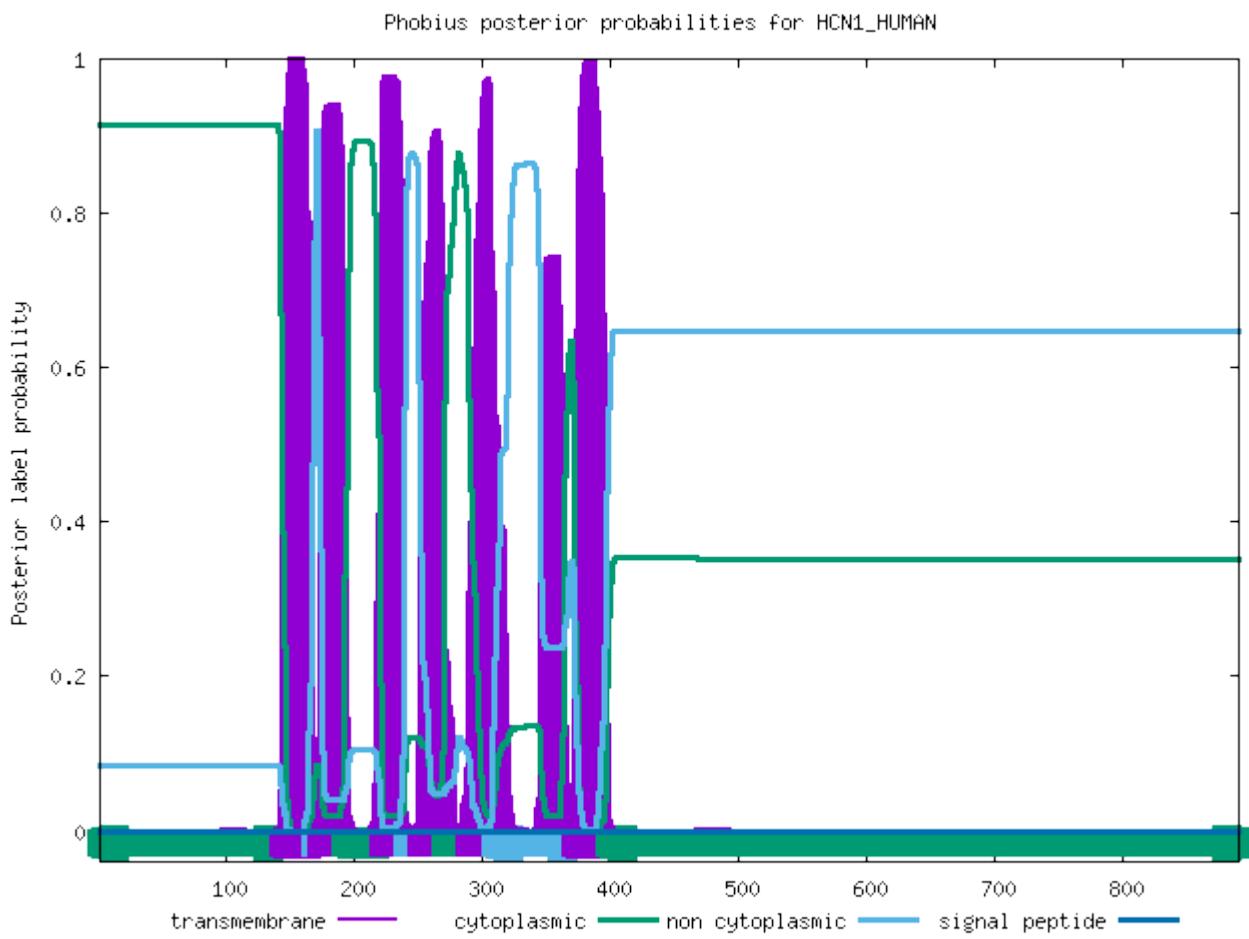
Phobius posterior probabilities for CNGB1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HCN1_HUMAN

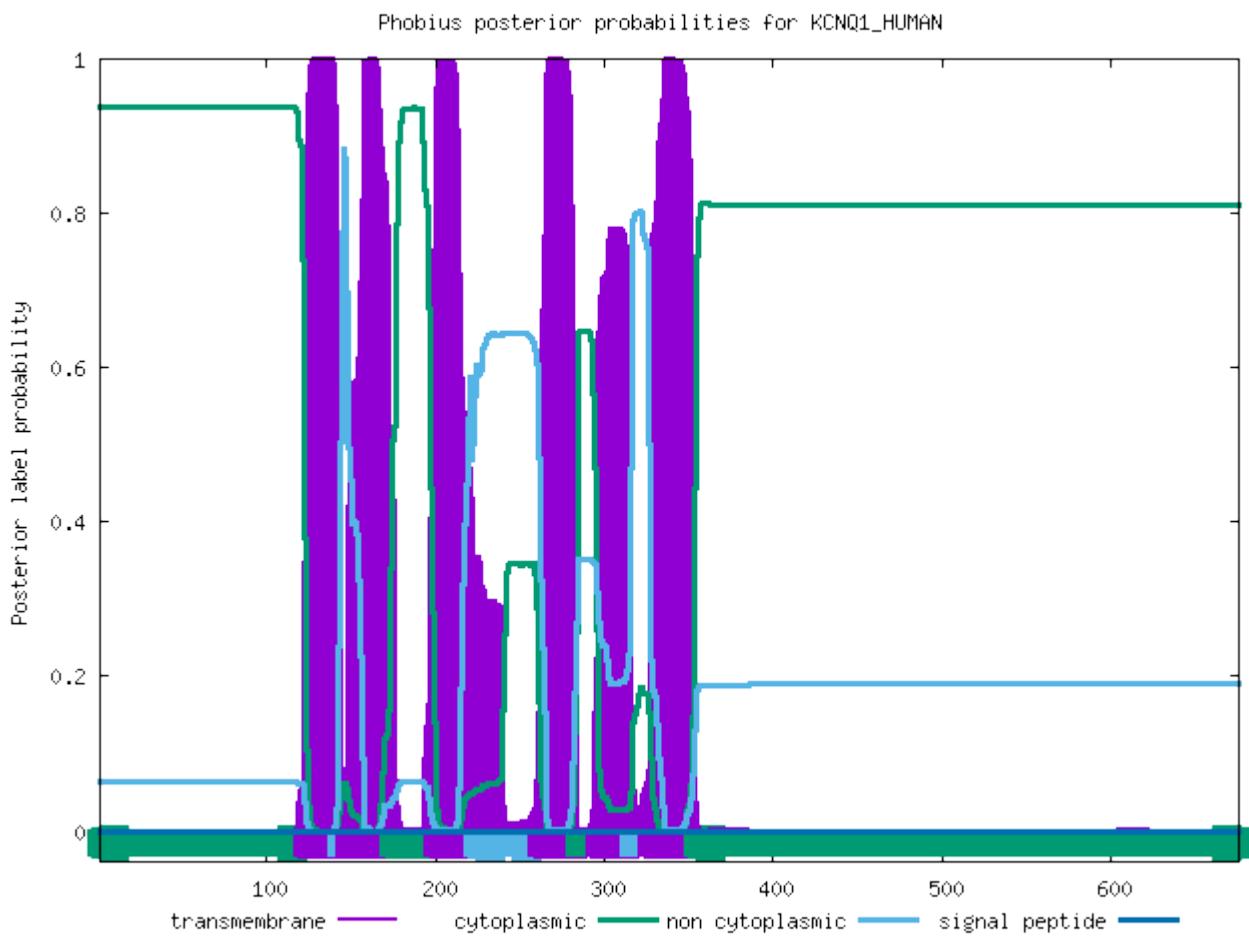
| ID | HCN1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 142 | CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 167 | |
| FT | TOPO_DOM | 168 | 172 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 173 | 191 | |
| FT | TOPO_DOM | 192 | 220 | CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 239 | |
| FT | TOPO_DOM | 240 | 250 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 269 | |
| FT | TOPO_DOM | 270 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 308 | |
| FT | TOPO_DOM | 309 | 371 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 372 | 397 | |
| FT | TOPO_DOM | 398 | 890 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNQ1_HUMAN

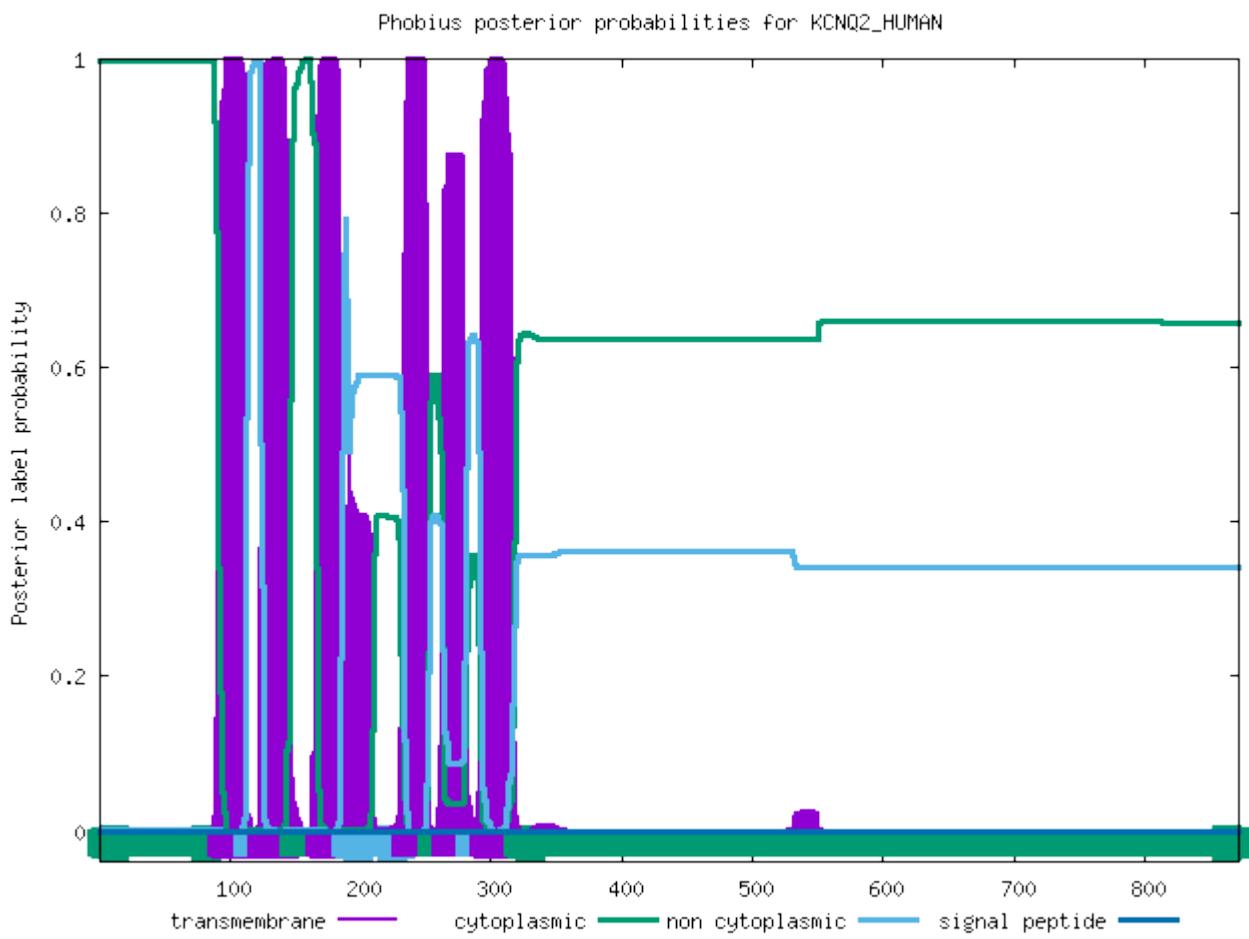
| ID | KCNQ1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 122 | CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 142 | |
| FT | TOPO_DOM | 143 | 147 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 173 | |
| FT | TOPO_DOM | 174 | 199 | CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 223 | |
| FT | TOPO_DOM | 224 | 261 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 284 | |
| FT | TOPO_DOM | 285 | 295 | CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 315 | |
| FT | TOPO_DOM | 316 | 326 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 353 | |
| FT | TOPO_DOM | 354 | 676 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNQ2_HUMAN

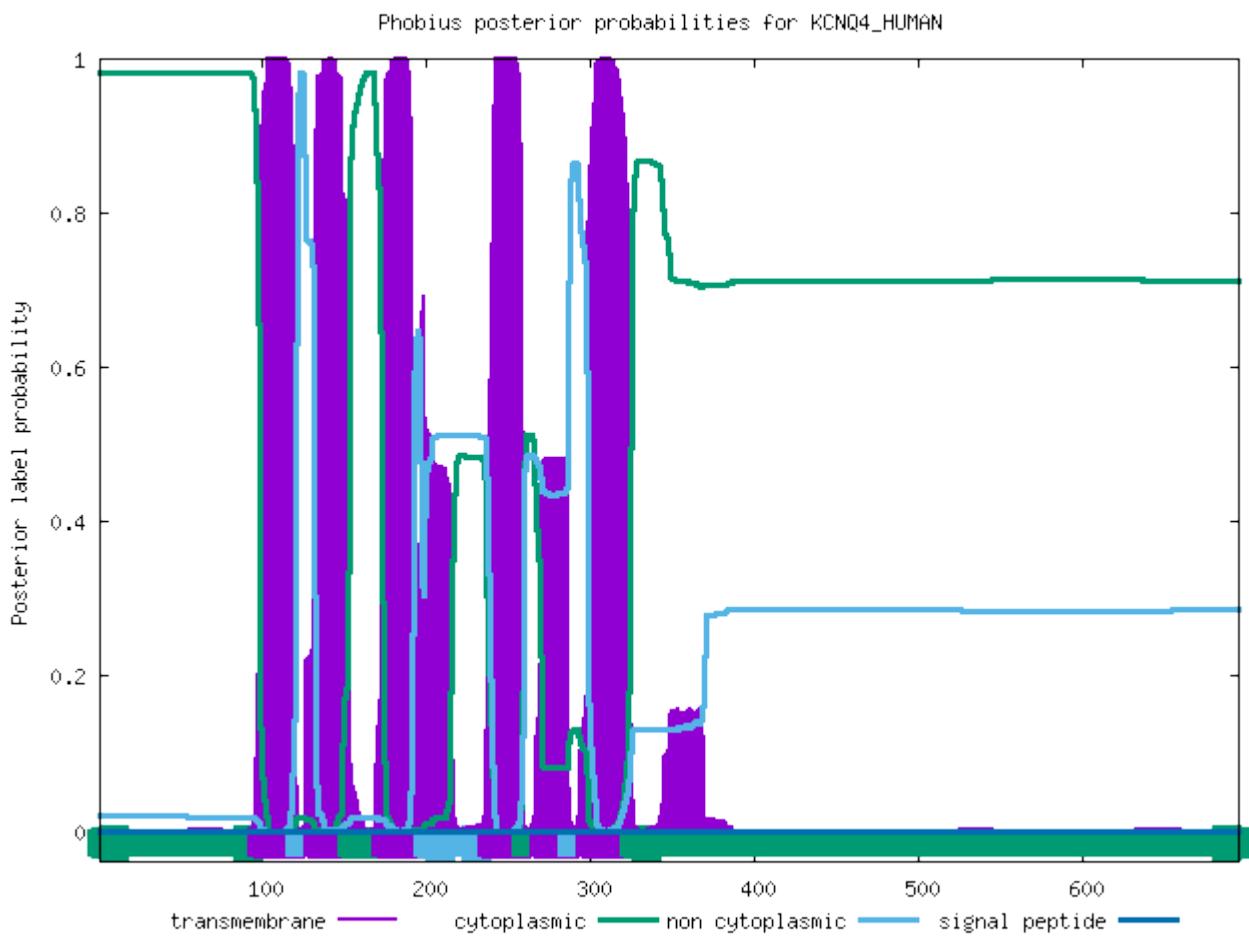
| ID | KCNQ2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 92 | CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 112 | |
| FT | TOPO_DOM | 113 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 147 | |
| FT | TOPO_DOM | 148 | 167 | CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 187 | |
| FT | TOPO_DOM | 188 | 233 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 252 | |
| FT | TOPO_DOM | 253 | 263 | CYTOPLASMIC. |
| FT | TRANSMEM | 264 | 281 | |
| FT | TOPO_DOM | 282 | 292 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 293 | 318 | |
| FT | TOPO_DOM | 319 | 872 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of KCNQ4_HUMAN

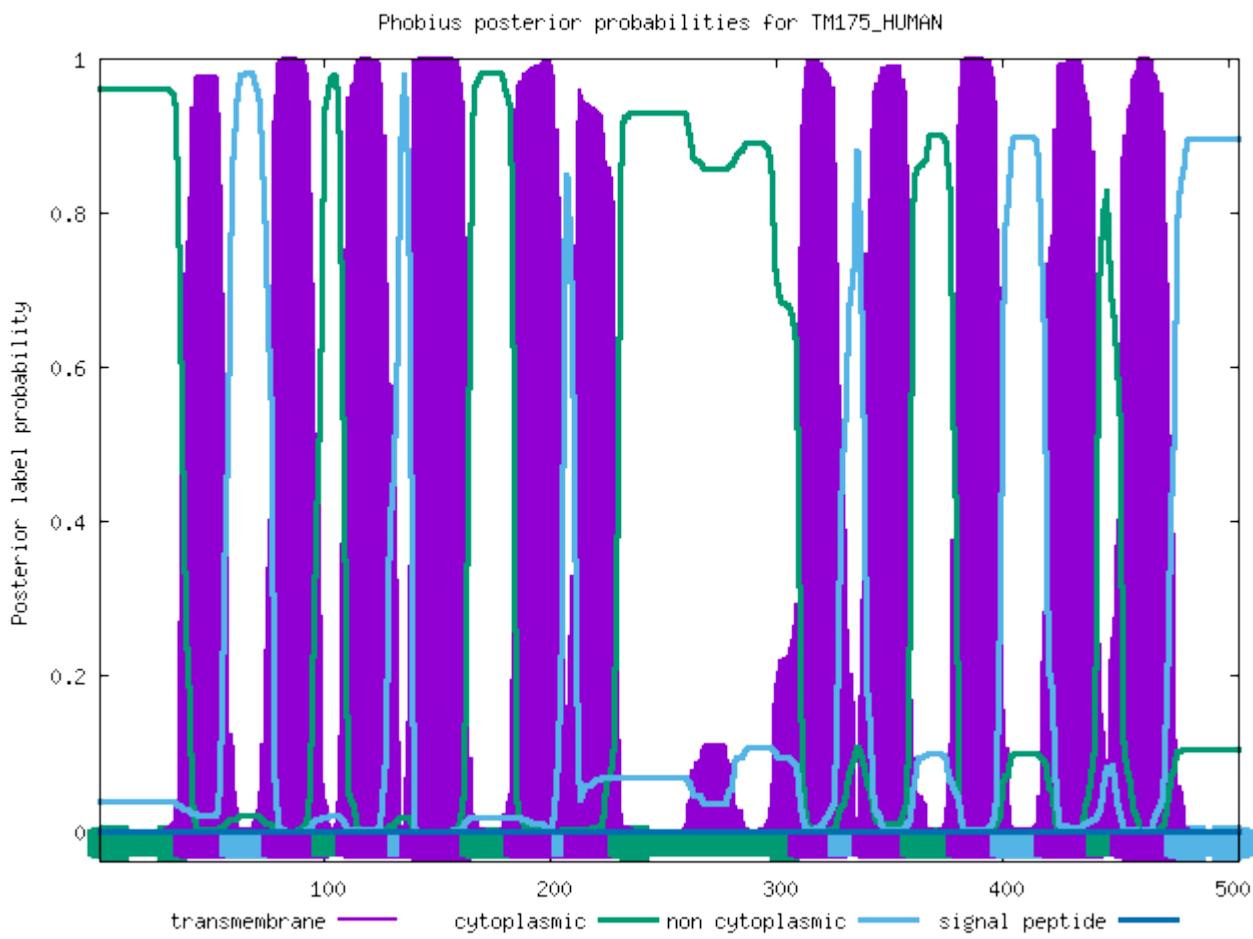
| ID | KCNQ4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 98 | CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 121 | |
| FT | TOPO_DOM | 122 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 153 | |
| FT | TOPO_DOM | 154 | 173 | CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 199 | |
| FT | TOPO_DOM | 200 | 238 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 258 | |
| FT | TOPO_DOM | 259 | 269 | CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 287 | |
| FT | TOPO_DOM | 288 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 324 | |
| FT | TOPO_DOM | 325 | 695 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TM175_HUMAN

| ID | TM175_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 38 | CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 58 | |
| FT | TOPO_DOM | 59 | 77 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 99 | |
| FT | TOPO_DOM | 100 | 110 | CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 133 | |
| FT | TOPO_DOM | 134 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 164 | |
| FT | TOPO_DOM | 165 | 184 | CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 205 | |
| FT | TOPO_DOM | 206 | 210 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 230 | |
| FT | TOPO_DOM | 231 | 309 | CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 327 | |
| FT | TOPO_DOM | 328 | 338 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 359 | |
| FT | TOPO_DOM | 360 | 379 | CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 399 | |
| FT | TOPO_DOM | 400 | 418 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 441 | |
| FT | TOPO_DOM | 442 | 452 | CYTOPLASMIC. |
| FT | TRANSMEM | 453 | 476 | |
| FT | TOPO_DOM | 477 | 504 | NON CYTOPLASMIC. |
| // | | | | |

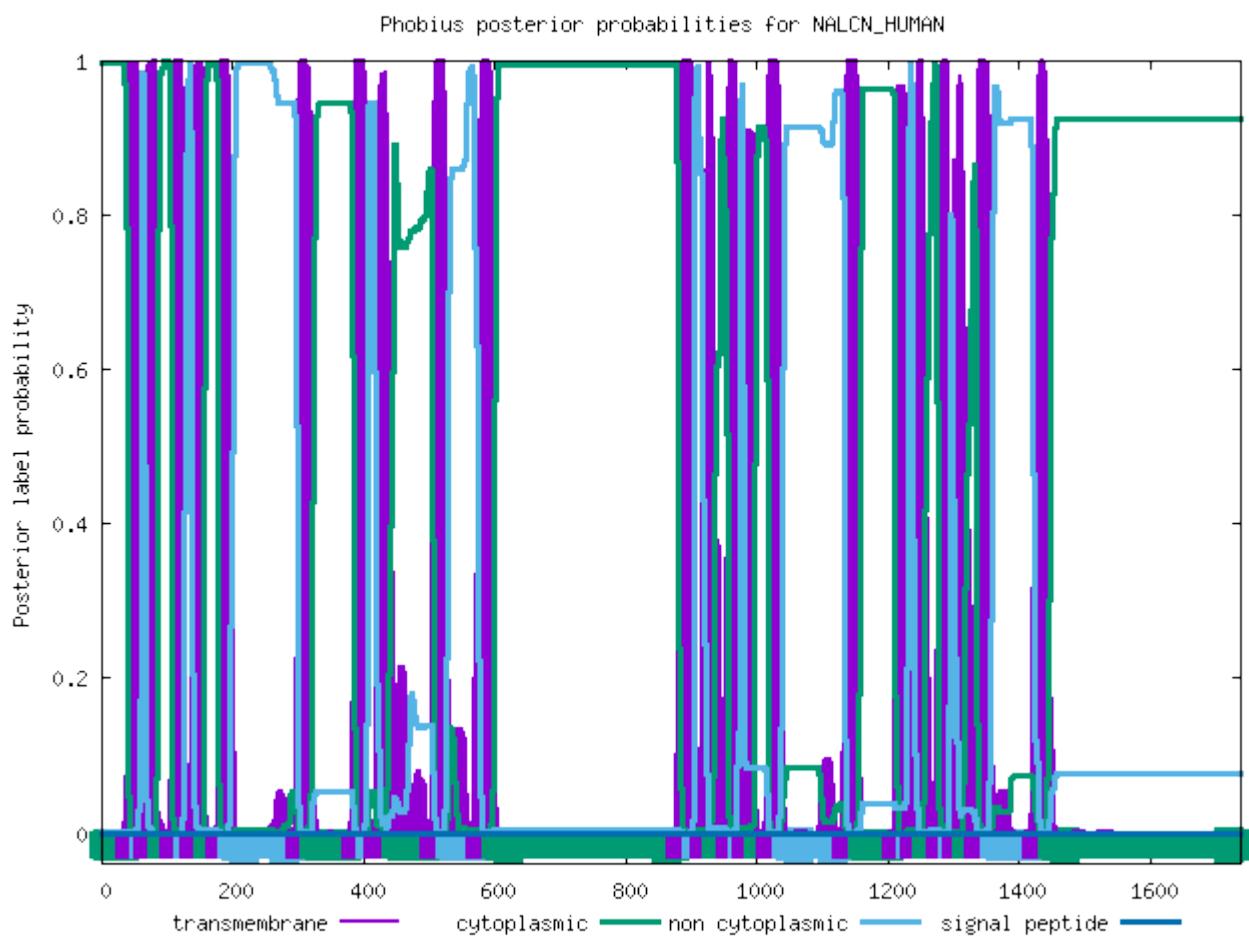


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NALCN_HUMAN

| ID | NALCN_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 40 | CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 61 | |
| FT | TOPO_DOM | 62 | 66 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 88 | |
| FT | TOPO_DOM | 89 | 107 | CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 127 | |
| FT | TOPO_DOM | 128 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 158 | |
| FT | TOPO_DOM | 159 | 177 | CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 195 | |
| FT | TOPO_DOM | 196 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 322 | |
| FT | TOPO_DOM | 323 | 384 | CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 406 | |
| FT | TOPO_DOM | 407 | 417 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 418 | 446 | |
| FT | TOPO_DOM | 447 | 505 | CYTOPLASMIC. |
| FT | TRANSMEM | 506 | 528 | |
| FT | TOPO_DOM | 529 | 574 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 575 | 599 | |
| FT | TOPO_DOM | 600 | 880 | CYTOPLASMIC. |
| FT | TRANSMEM | 881 | 905 | |
| FT | TOPO_DOM | 906 | 916 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 917 | 935 | |
| FT | TOPO_DOM | 936 | 955 | CYTOPLASMIC. |
| FT | TRANSMEM | 956 | 974 | |
| FT | TOPO_DOM | 975 | 979 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 980 | 997 | |
| FT | TOPO_DOM | 998 | 1016 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1017 | 1040 | |
| FT | TOPO_DOM | 1041 | 1133 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1134 | 1157 | |
| FT | TOPO_DOM | 1158 | 1210 | CYTOPLASMIC. |
| FT | TRANSMEM | 1211 | 1231 | |
| FT | TOPO_DOM | 1232 | 1236 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1237 | 1256 | |
| FT | TOPO_DOM | 1257 | 1275 | CYTOPLASMIC. |
| FT | TRANSMEM | 1276 | 1294 | |
| FT | TOPO_DOM | 1295 | 1299 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1300 | 1316 | |
| FT | TOPO_DOM | 1317 | 1335 | CYTOPLASMIC. |
| FT | TRANSMEM | 1336 | 1358 | |
| FT | TOPO_DOM | 1359 | 1422 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1423 | 1447 | |
| FT | TOPO_DOM | 1448 | 1738 | CYTOPLASMIC. |
| // | | | | |

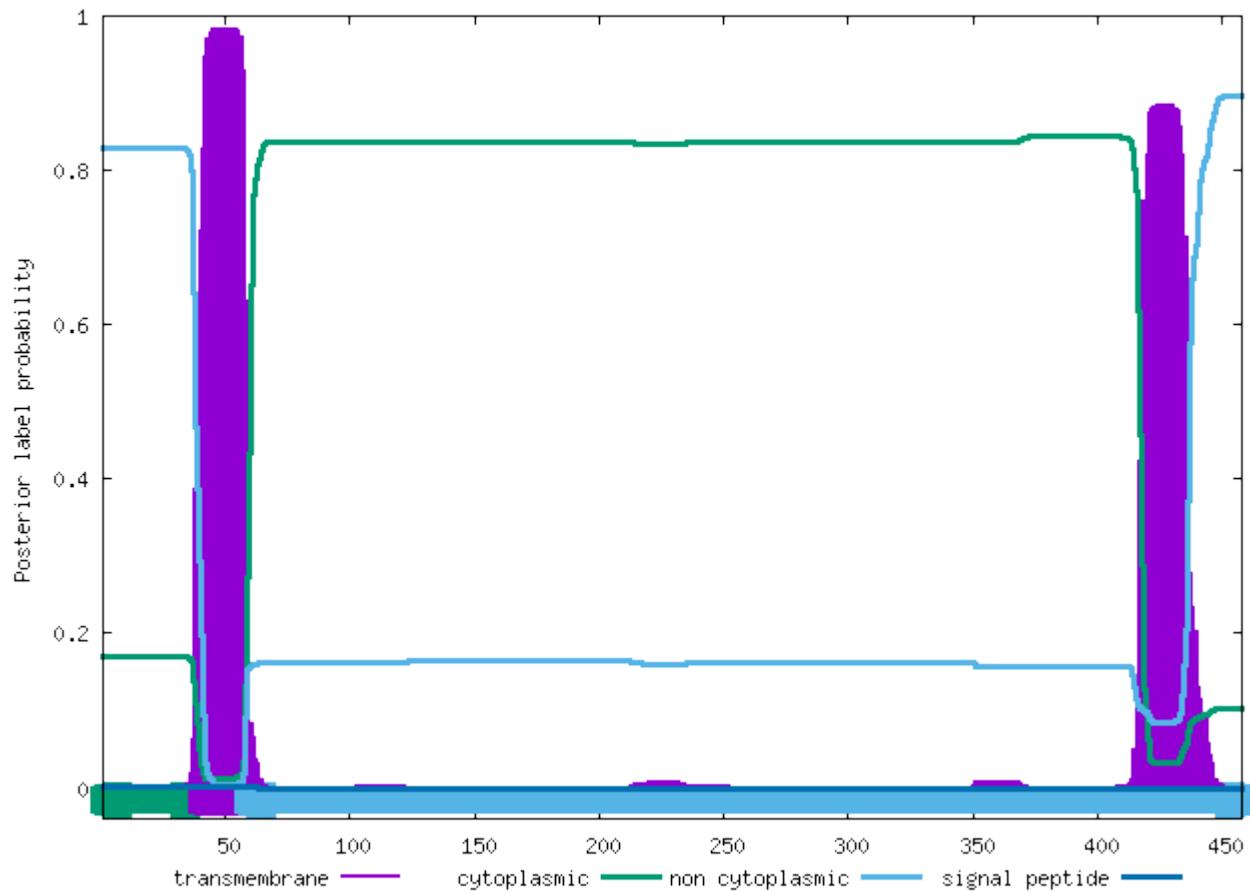


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NALF1_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | NALF1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 39 | CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 58 | |
| FT | TOPO_DOM | 59 | 458 | NON CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for NALF1_HUMAN



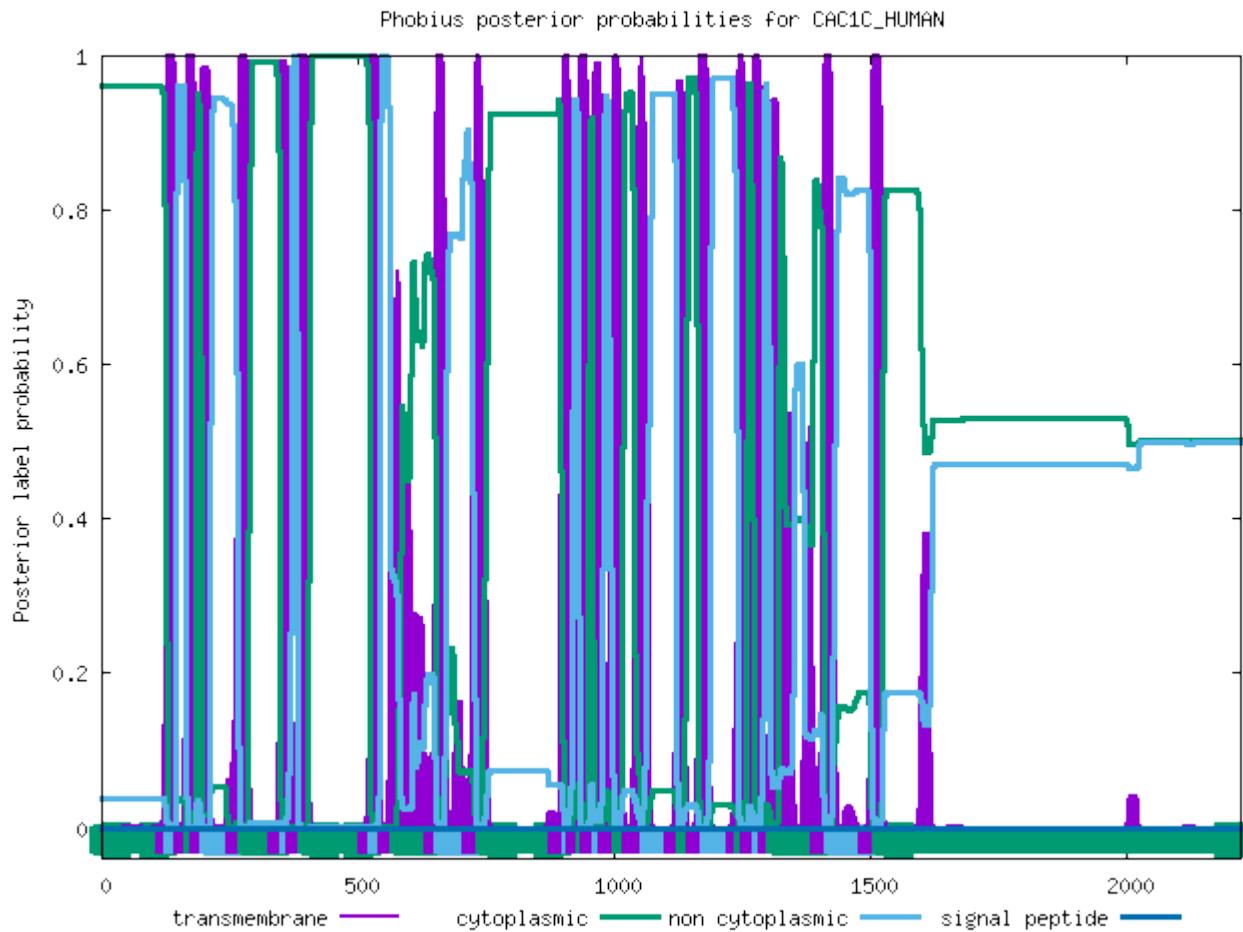
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1C_HUMAN

| ID | CAC1C_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 127 | CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 145 | |
| FT | TOPO_DOM | 146 | 164 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 165 | 185 | |
| FT | TOPO_DOM | 186 | 196 | CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 215 | |
| FT | TOPO_DOM | 216 | 267 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 290 | |
| FT | TOPO_DOM | 291 | 348 | CYTOPLASMIC. |
| FT | TRANSMEM | 349 | 370 | |
| FT | TOPO_DOM | 371 | 381 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 382 | 404 | |
| FT | TOPO_DOM | 405 | 524 | CYTOPLASMIC. |
| FT | TRANSMEM | 525 | 542 | |
| FT | TOPO_DOM | 543 | 561 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 562 | 585 | |
| FT | TOPO_DOM | 586 | 653 | CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 673 | |
| FT | TOPO_DOM | 674 | 725 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 726 | 753 | |
| FT | TOPO_DOM | 754 | 895 | CYTOPLASMIC. |
| FT | TRANSMEM | 896 | 919 | |
| FT | TOPO_DOM | 920 | 930 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 931 | 950 | |
| FT | TOPO_DOM | 951 | 956 | CYTOPLASMIC. |
| FT | TRANSMEM | 957 | 979 | |
| FT | TOPO_DOM | 980 | 990 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 991 | 1017 | |
| FT | TOPO_DOM | 1018 | 1037 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1038 | 1071 | |
| FT | TOPO_DOM | 1072 | 1120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1121 | 1142 | |
| FT | TOPO_DOM | 1143 | 1162 | CYTOPLASMIC. |
| FT | TRANSMEM | 1163 | 1189 | |
| FT | TOPO_DOM | 1190 | 1239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1240 | 1257 | |
| FT | TOPO_DOM | 1258 | 1268 | CYTOPLASMIC. |
| FT | TRANSMEM | 1269 | 1291 | |
| FT | TOPO_DOM | 1292 | 1302 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1303 | 1320 | |
| FT | TOPO_DOM | 1321 | 1406 | CYTOPLASMIC. |
| FT | TRANSMEM | 1407 | 1430 | |
| FT | TOPO_DOM | 1431 | 1499 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1500 | 1524 | |
| FT | TOPO_DOM | 1525 | 2221 | CYTOPLASMIC. |

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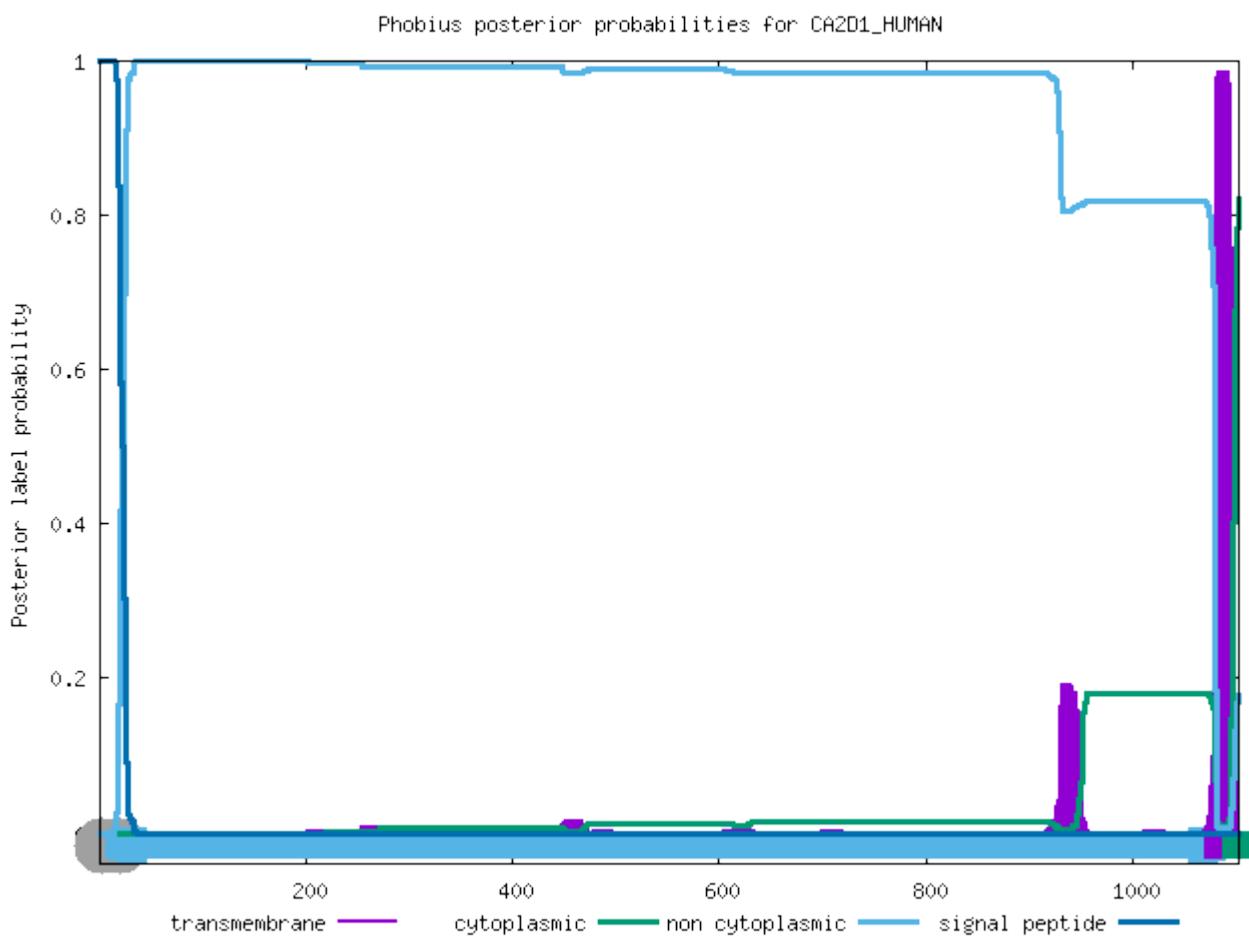


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CA2D1_HUMAN

| | | | | |
|----|-------------|------|------|------------------|
| ID | CA2D1_HUMAN | | | |
| FT | SIGNAL | 1 | 18 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 18 | C-REGION. |
| FT | TOPO_DOM | 19 | 1080 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1081 | 1099 | |
| FT | TOPO_DOM | 1100 | 1103 | CYTOPLASMIC. |

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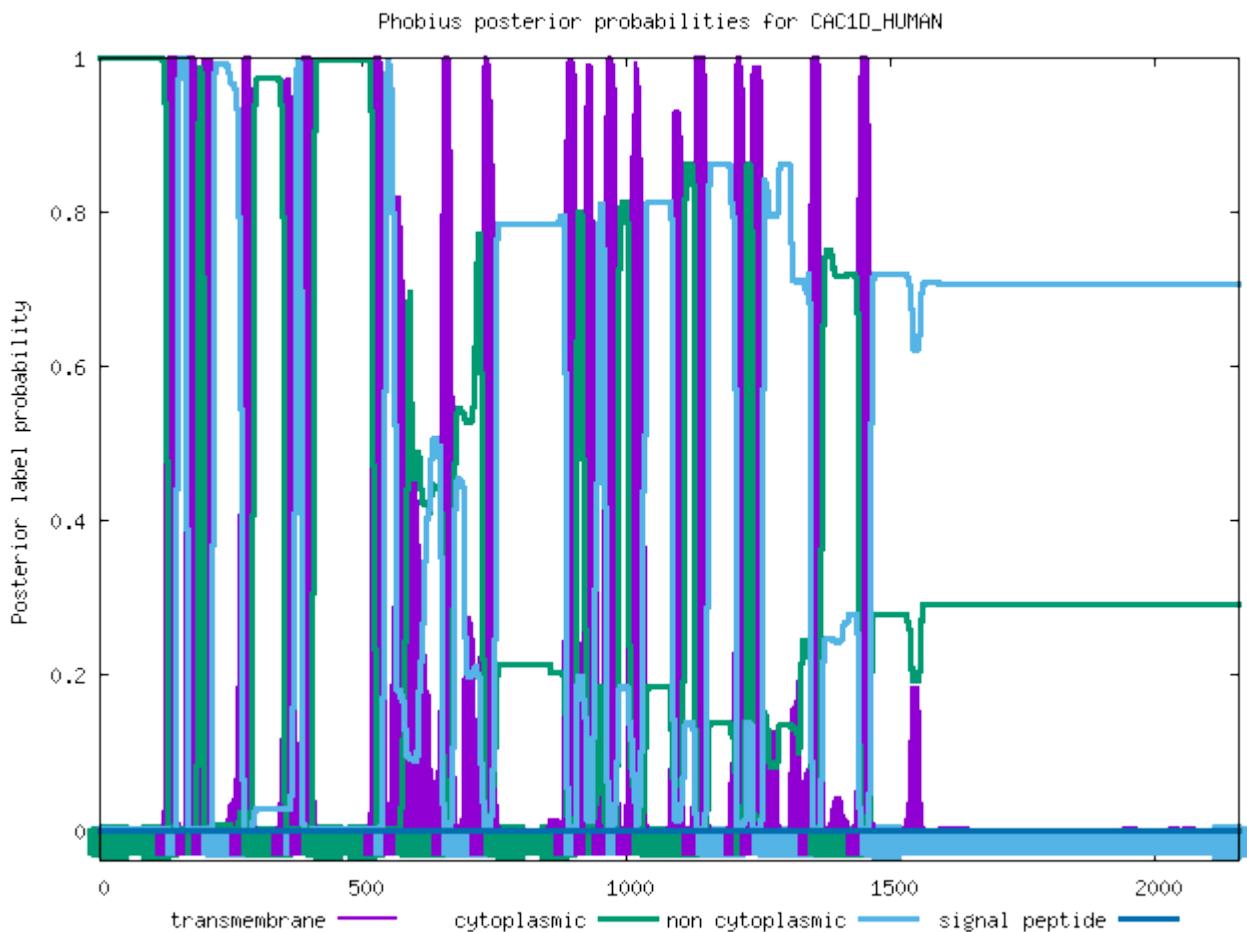


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1D_HUMAN

| ID | CAC1D_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 129 | CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 147 | |
| FT | TOPO_DOM | 148 | 166 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 167 | 187 | |
| FT | TOPO_DOM | 188 | 198 | CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 218 | |
| FT | TOPO_DOM | 219 | 270 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 294 | |
| FT | TOPO_DOM | 295 | 349 | CYTOPLASMIC. |
| FT | TRANSMEM | 350 | 371 | |
| FT | TOPO_DOM | 372 | 382 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 405 | |
| FT | TOPO_DOM | 406 | 522 | CYTOPLASMIC. |
| FT | TRANSMEM | 523 | 541 | |
| FT | TOPO_DOM | 542 | 560 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 561 | 584 | |
| FT | TOPO_DOM | 585 | 652 | CYTOPLASMIC. |
| FT | TRANSMEM | 653 | 672 | |
| FT | TOPO_DOM | 673 | 724 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 725 | 752 | |
| FT | TOPO_DOM | 753 | 886 | CYTOPLASMIC. |
| FT | TRANSMEM | 887 | 905 | |
| FT | TOPO_DOM | 906 | 924 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 925 | 945 | |
| FT | TOPO_DOM | 946 | 956 | CYTOPLASMIC. |
| FT | TRANSMEM | 957 | 983 | |
| FT | TOPO_DOM | 984 | 1002 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1003 | 1033 | |
| FT | TOPO_DOM | 1034 | 1129 | CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1130 | 1155 | |
| FT | TOPO_DOM | 1156 | 1208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1209 | 1227 | |
| FT | TOPO_DOM | 1228 | 1238 | CYTOPLASMIC. |
| FT | TRANSMEM | 1239 | 1259 | |
| FT | TOPO_DOM | 1260 | 1348 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1349 | 1367 | |
| FT | TOPO_DOM | 1368 | 1440 | CYTOPLASMIC. |
| FT | TRANSMEM | 1441 | 1464 | |
| FT | TOPO_DOM | 1465 | 2161 | NON CYTOPLASMIC. |
| // | | | | |



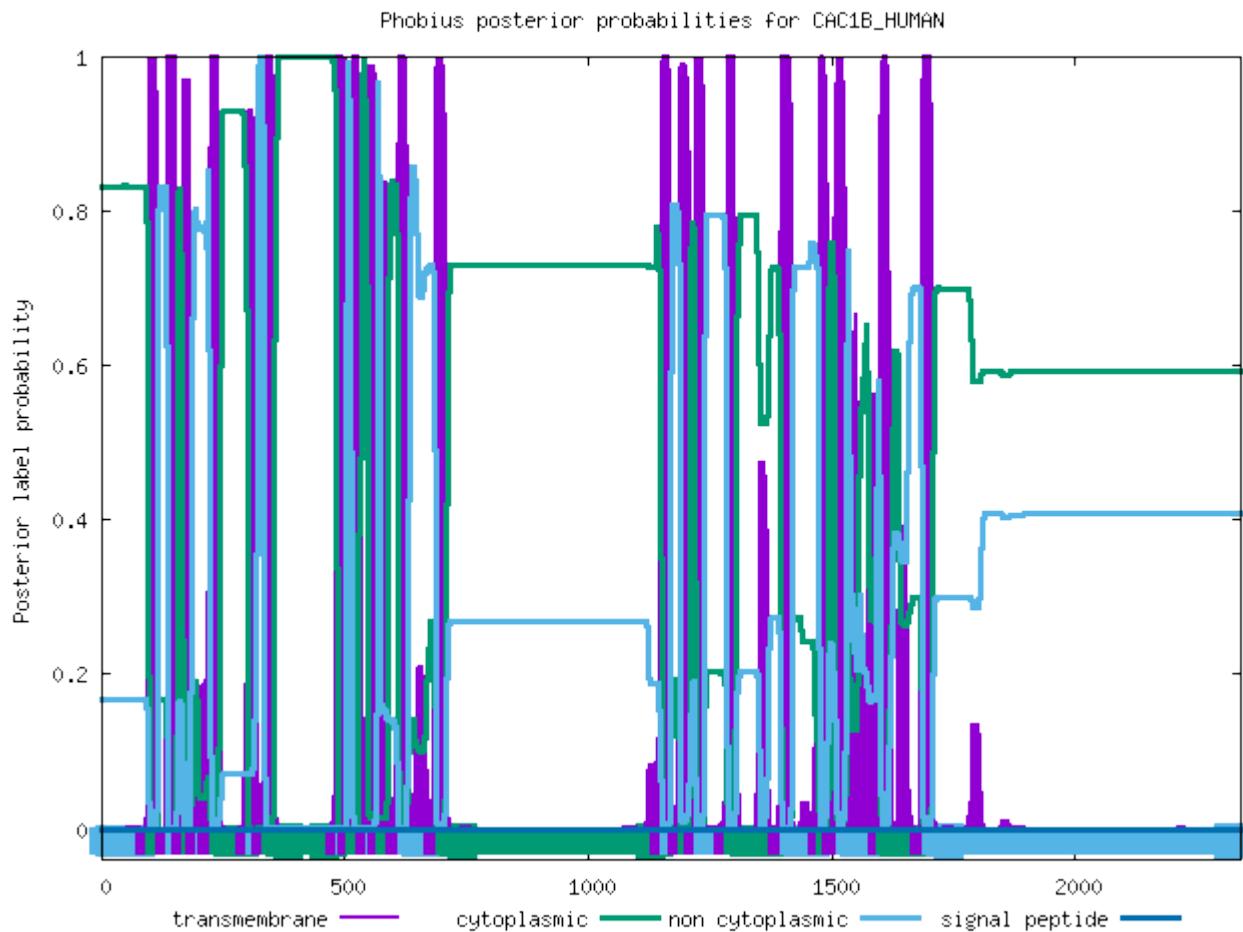
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1B_HUMAN

| ID | CAC1B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 96 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 114 | |
| FT | TOPO_DOM | 115 | 134 | CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 156 | |
| FT | TOPO_DOM | 157 | 167 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 188 | |
| FT | TOPO_DOM | 189 | 199 | CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 217 | |
| FT | TOPO_DOM | 218 | 222 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 245 | |
| FT | TOPO_DOM | 246 | 299 | CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 321 | |
| FT | TOPO_DOM | 322 | 332 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 333 | 355 | |
| FT | TOPO_DOM | 356 | 483 | CYTOPLASMIC. |
| FT | TRANSMEM | 484 | 504 | |
| FT | TOPO_DOM | 505 | 509 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 510 | 527 | |
| FT | TOPO_DOM | 528 | 547 | CYTOPLASMIC. |
| FT | TRANSMEM | 548 | 566 | |
| FT | TOPO_DOM | 567 | 571 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 572 | 589 | |
| FT | TOPO_DOM | 590 | 608 | CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 631 | |
| FT | TOPO_DOM | 632 | 686 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 687 | 709 | |
| FT | TOPO_DOM | 710 | 1150 | CYTOPLASMIC. |
| FT | TRANSMEM | 1151 | 1169 | |
| FT | TOPO_DOM | 1170 | 1188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1189 | 1209 | |
| FT | TOPO_DOM | 1210 | 1220 | CYTOPLASMIC. |
| FT | TRANSMEM | 1221 | 1239 | |
| FT | TOPO_DOM | 1240 | 1281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1282 | 1304 | |
| FT | TOPO_DOM | 1305 | 1393 | CYTOPLASMIC. |
| FT | TRANSMEM | 1394 | 1419 | |
| FT | TOPO_DOM | 1420 | 1474 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1475 | 1493 | |
| FT | TOPO_DOM | 1494 | 1504 | CYTOPLASMIC. |
| FT | TRANSMEM | 1505 | 1531 | |
| FT | TOPO_DOM | 1532 | 1597 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1598 | 1616 | |
| FT | TOPO_DOM | 1617 | 1684 | CYTOPLASMIC. |
| FT | TRANSMEM | 1685 | 1708 | |
| FT | TOPO_DOM | 1709 | 2339 | NON CYTOPLASMIC. |

//

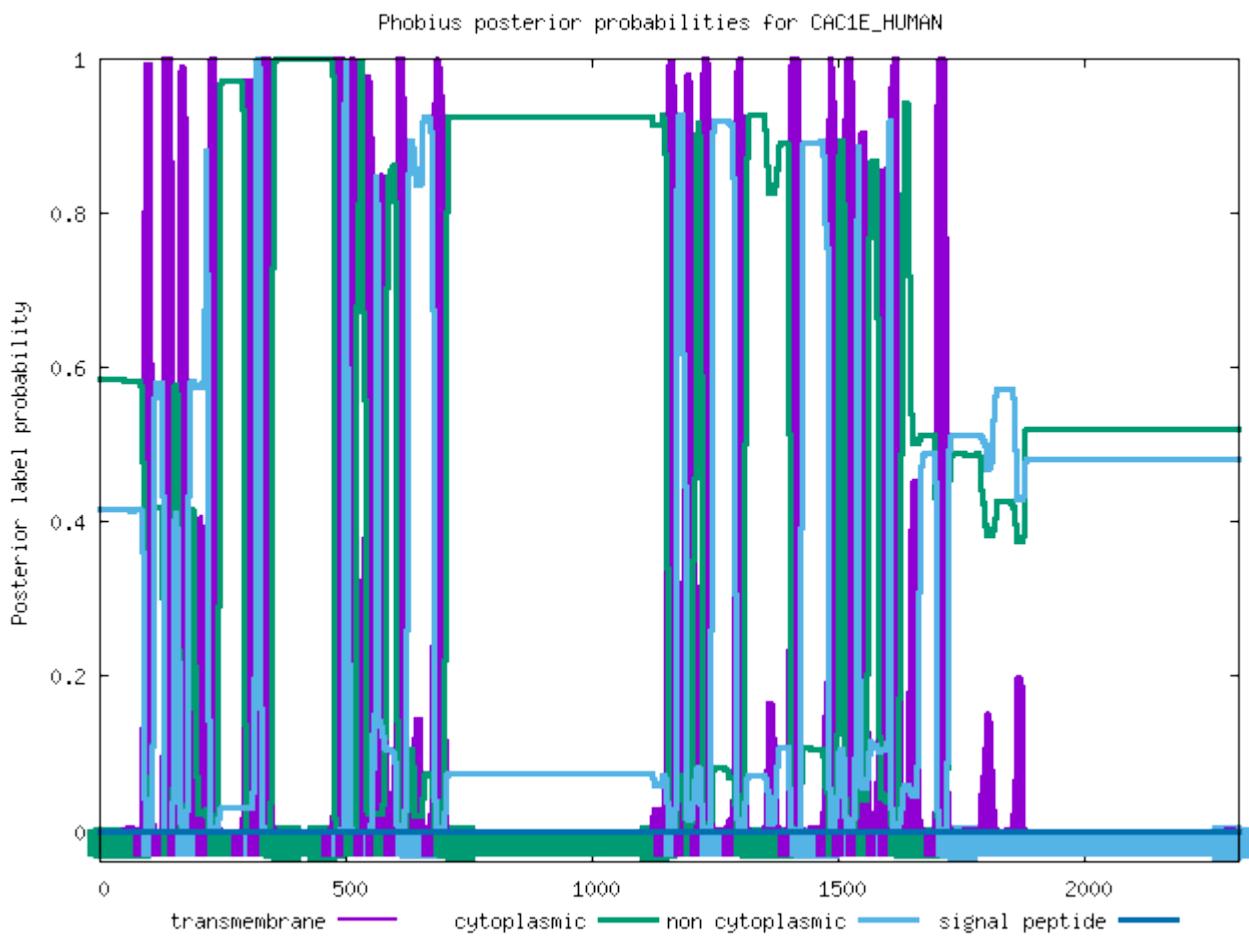


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1E_HUMAN

| ID | CAC1E_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 92 | CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 110 | |
| FT | TOPO_DOM | 111 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 150 | |
| FT | TOPO_DOM | 151 | 161 | CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 180 | |
| FT | TOPO_DOM | 181 | 220 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 243 | |
| FT | TOPO_DOM | 244 | 294 | CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 316 | |
| FT | TOPO_DOM | 317 | 327 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 328 | 350 | |
| FT | TOPO_DOM | 351 | 476 | CYTOPLASMIC. |
| FT | TRANSMEM | 477 | 497 | |
| FT | TOPO_DOM | 498 | 502 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 503 | 521 | |
| FT | TOPO_DOM | 522 | 541 | CYTOPLASMIC. |
| FT | TRANSMEM | 542 | 560 | |
| FT | TOPO_DOM | 561 | 565 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 566 | 583 | |
| FT | TOPO_DOM | 584 | 602 | CYTOPLASMIC. |
| FT | TRANSMEM | 603 | 625 | |
| FT | TOPO_DOM | 626 | 679 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 680 | 703 | |
| FT | TOPO_DOM | 704 | 1151 | CYTOPLASMIC. |
| FT | TRANSMEM | 1152 | 1171 | |
| FT | TOPO_DOM | 1172 | 1190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1191 | 1212 | |
| FT | TOPO_DOM | 1213 | 1223 | CYTOPLASMIC. |
| FT | TRANSMEM | 1224 | 1243 | |
| FT | TOPO_DOM | 1244 | 1288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1289 | 1311 | |
| FT | TOPO_DOM | 1312 | 1400 | CYTOPLASMIC. |
| FT | TRANSMEM | 1401 | 1426 | |
| FT | TOPO_DOM | 1427 | 1481 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1482 | 1500 | |
| FT | TOPO_DOM | 1501 | 1511 | CYTOPLASMIC. |
| FT | TRANSMEM | 1512 | 1535 | |
| FT | TOPO_DOM | 1536 | 1540 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1541 | 1559 | |
| FT | TOPO_DOM | 1560 | 1579 | CYTOPLASMIC. |
| FT | TRANSMEM | 1580 | 1600 | |
| FT | TOPO_DOM | 1601 | 1605 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1606 | 1624 | |
| FT | TOPO_DOM | 1625 | 1698 | CYTOPLASMIC. |
| FT | TRANSMEM | 1699 | 1723 | |
| FT | TOPO_DOM | 1724 | 2313 | NON CYTOPLASMIC. |

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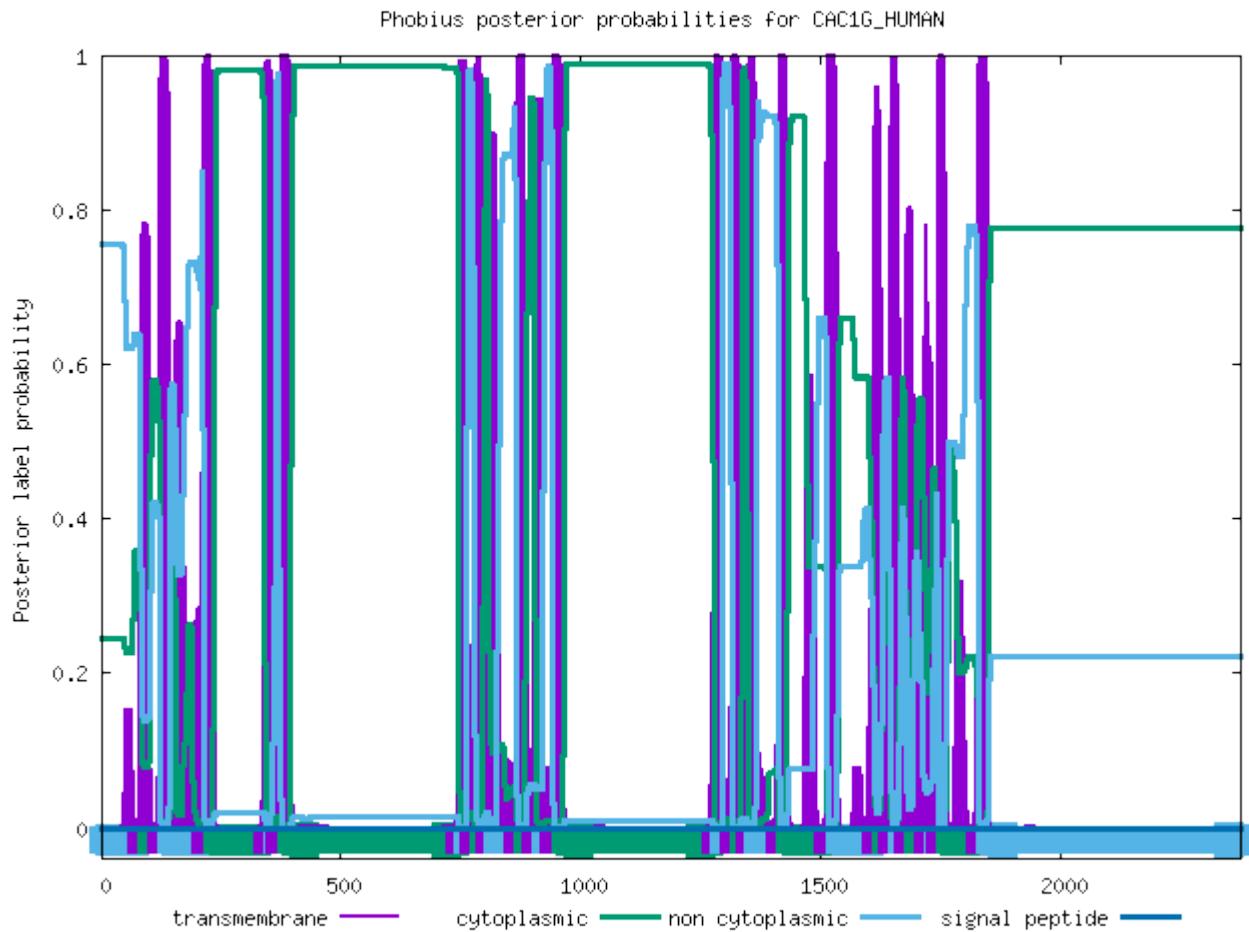


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1G_HUMAN

| ID | CAC1G_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 81 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 101 | |
| FT | TOPO_DOM | 102 | 121 | CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 142 | |
| FT | TOPO_DOM | 143 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 237 | |
| FT | TOPO_DOM | 238 | 341 | CYTOPLASMIC. |
| FT | TRANSMEM | 342 | 363 | |
| FT | TOPO_DOM | 364 | 368 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 369 | 394 | |
| FT | TOPO_DOM | 395 | 743 | CYTOPLASMIC. |
| FT | TRANSMEM | 744 | 762 | |
| FT | TOPO_DOM | 763 | 773 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 774 | 795 | |
| FT | TOPO_DOM | 796 | 806 | CYTOPLASMIC. |
| FT | TRANSMEM | 807 | 823 | |
| FT | TOPO_DOM | 824 | 864 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 865 | 884 | |
| FT | TOPO_DOM | 885 | 904 | CYTOPLASMIC. |
| FT | TRANSMEM | 905 | 921 | |
| FT | TOPO_DOM | 922 | 940 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 941 | 964 | |
| FT | TOPO_DOM | 965 | 1276 | CYTOPLASMIC. |
| FT | TRANSMEM | 1277 | 1295 | |
| FT | TOPO_DOM | 1296 | 1314 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1315 | 1336 | |
| FT | TOPO_DOM | 1337 | 1347 | CYTOPLASMIC. |
| FT | TRANSMEM | 1348 | 1367 | |
| FT | TOPO_DOM | 1368 | 1411 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 1412 | 1434 | |
| FT | TOPO_DOM | 1435 | 1513 | CYTOPLASMIC. |
| FT | TRANSMEM | 1514 | 1537 | |
| FT | TOPO_DOM | 1538 | 1611 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1612 | 1633 | |
| FT | TOPO_DOM | 1634 | 1644 | CYTOPLASMIC. |
| FT | TRANSMEM | 1645 | 1668 | |
| FT | TOPO_DOM | 1669 | 1679 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1680 | 1701 | |
| FT | TOPO_DOM | 1702 | 1721 | CYTOPLASMIC. |
| FT | TRANSMEM | 1722 | 1740 | |
| FT | TOPO_DOM | 1741 | 1745 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1746 | 1765 | |
| FT | TOPO_DOM | 1766 | 1828 | CYTOPLASMIC. |
| FT | TRANSMEM | 1829 | 1851 | |
| FT | TOPO_DOM | 1852 | 2377 | NON CYTOPLASMIC. |
| // | | | | |



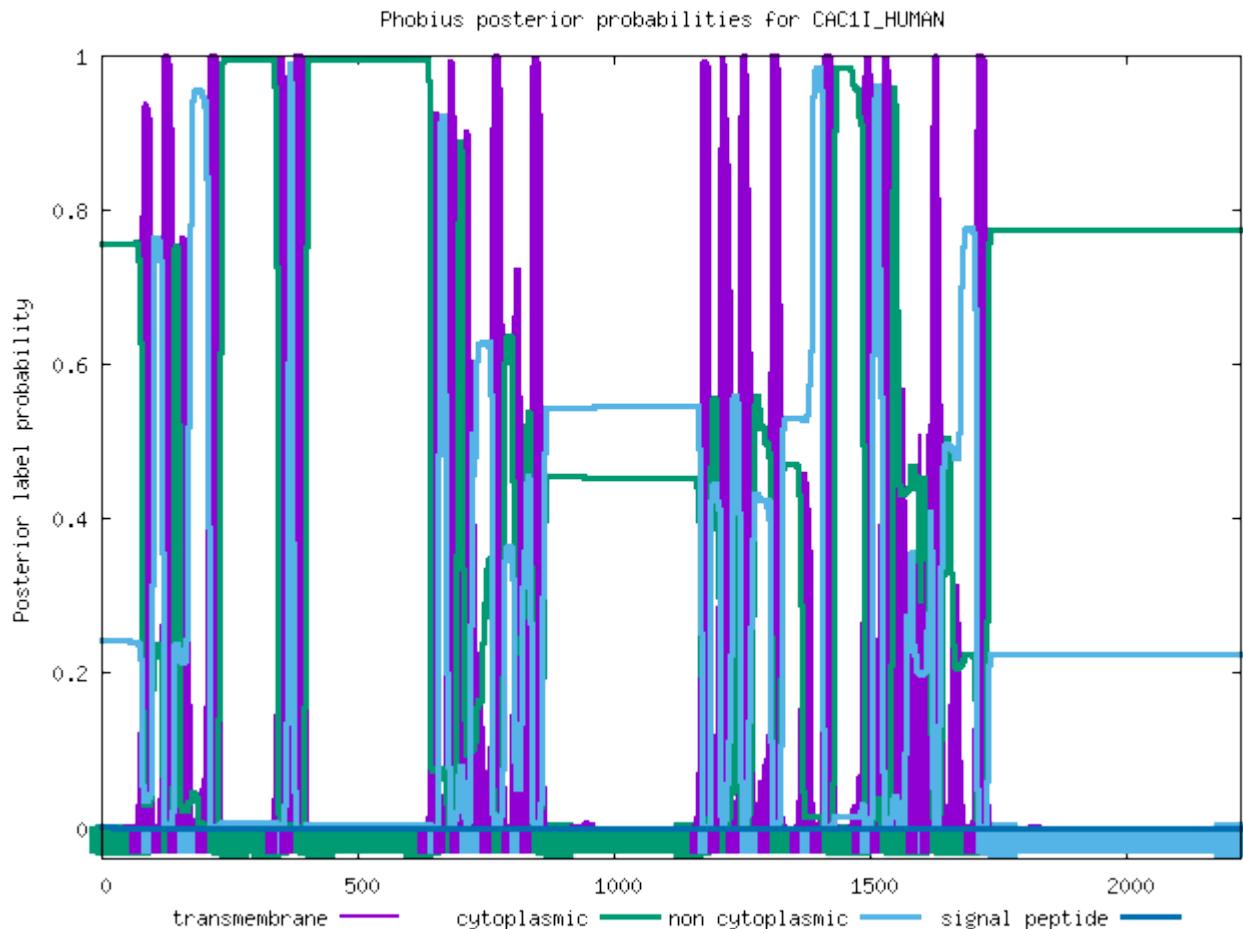
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAC1I_HUMAN

| ID | CAC1I_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 78 | CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 101 | |
| FT | TOPO_DOM | 102 | 120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 141 | |
| FT | TOPO_DOM | 142 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 172 | |
| FT | TOPO_DOM | 173 | 207 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 232 | |
| FT | TOPO_DOM | 233 | 344 | CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 366 | |
| FT | TOPO_DOM | 367 | 371 | NON CYTOPLASMIC. |

| | | | | |
|----|----------|------|------|------------------|
| FT | TRANSMEM | 372 | 397 | |
| FT | TOPO_DOM | 398 | 640 | CYTOPLASMIC. |
| FT | TRANSMEM | 641 | 659 | |
| FT | TOPO_DOM | 660 | 670 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 671 | 697 | |
| FT | TOPO_DOM | 698 | 703 | CYTOPLASMIC. |
| FT | TRANSMEM | 704 | 723 | |
| FT | TOPO_DOM | 724 | 761 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 762 | 784 | |
| FT | TOPO_DOM | 785 | 803 | CYTOPLASMIC. |
| FT | TRANSMEM | 804 | 820 | |
| FT | TOPO_DOM | 821 | 839 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 840 | 862 | |
| FT | TOPO_DOM | 863 | 1170 | CYTOPLASMIC. |
| FT | TRANSMEM | 1171 | 1189 | |
| FT | TOPO_DOM | 1190 | 1208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1209 | 1230 | |
| FT | TOPO_DOM | 1231 | 1241 | CYTOPLASMIC. |
| FT | TRANSMEM | 1242 | 1268 | |
| FT | TOPO_DOM | 1269 | 1305 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1306 | 1328 | |
| FT | TOPO_DOM | 1329 | 1368 | CYTOPLASMIC. |
| FT | TRANSMEM | 1369 | 1387 | |
| FT | TOPO_DOM | 1388 | 1406 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1407 | 1431 | |
| FT | TOPO_DOM | 1432 | 1486 | CYTOPLASMIC. |
| FT | TRANSMEM | 1487 | 1504 | |
| FT | TOPO_DOM | 1505 | 1523 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1524 | 1543 | |
| FT | TOPO_DOM | 1544 | 1594 | CYTOPLASMIC. |
| FT | TRANSMEM | 1595 | 1616 | |
| FT | TOPO_DOM | 1617 | 1621 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1622 | 1641 | |
| FT | TOPO_DOM | 1642 | 1707 | CYTOPLASMIC. |
| FT | TRANSMEM | 1708 | 1730 | |
| FT | TOPO_DOM | 1731 | 2223 | NON CYTOPLASMIC. |

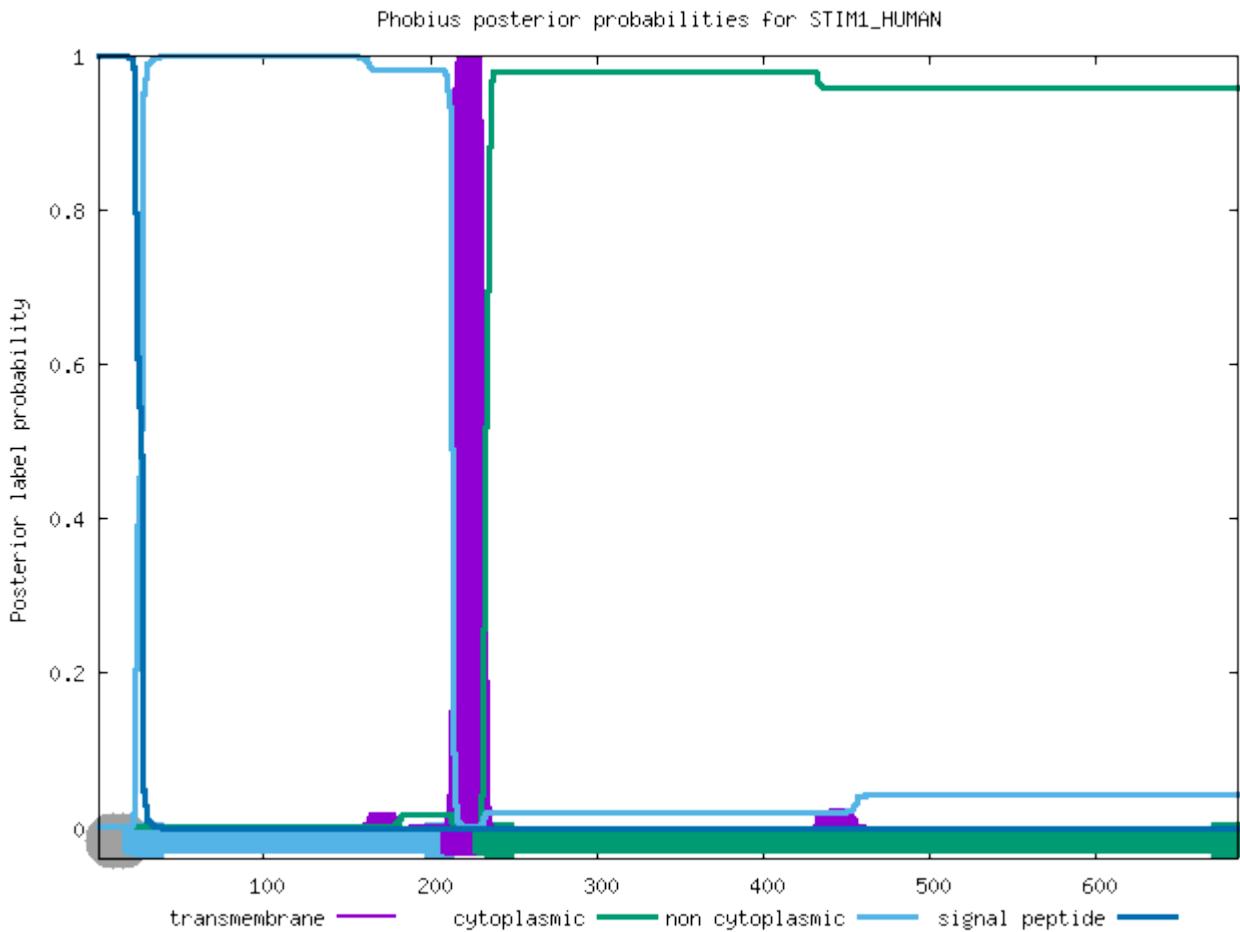
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STIM1_HUMAN

```
ID  STIM1_HUMAN
FT  SIGNAL      1    22
FT  REGION     1    6   N-REGION.
FT  REGION     7   17   H-REGION.
FT  REGION    18   22   C-REGION.
FT  TOPO_DOM   23  213  NON CYTOPLASMIC.
FT  TRANSMEM   214  232
FT  TOPO_DOM   233  685  CYTOPLASMIC.
//
```

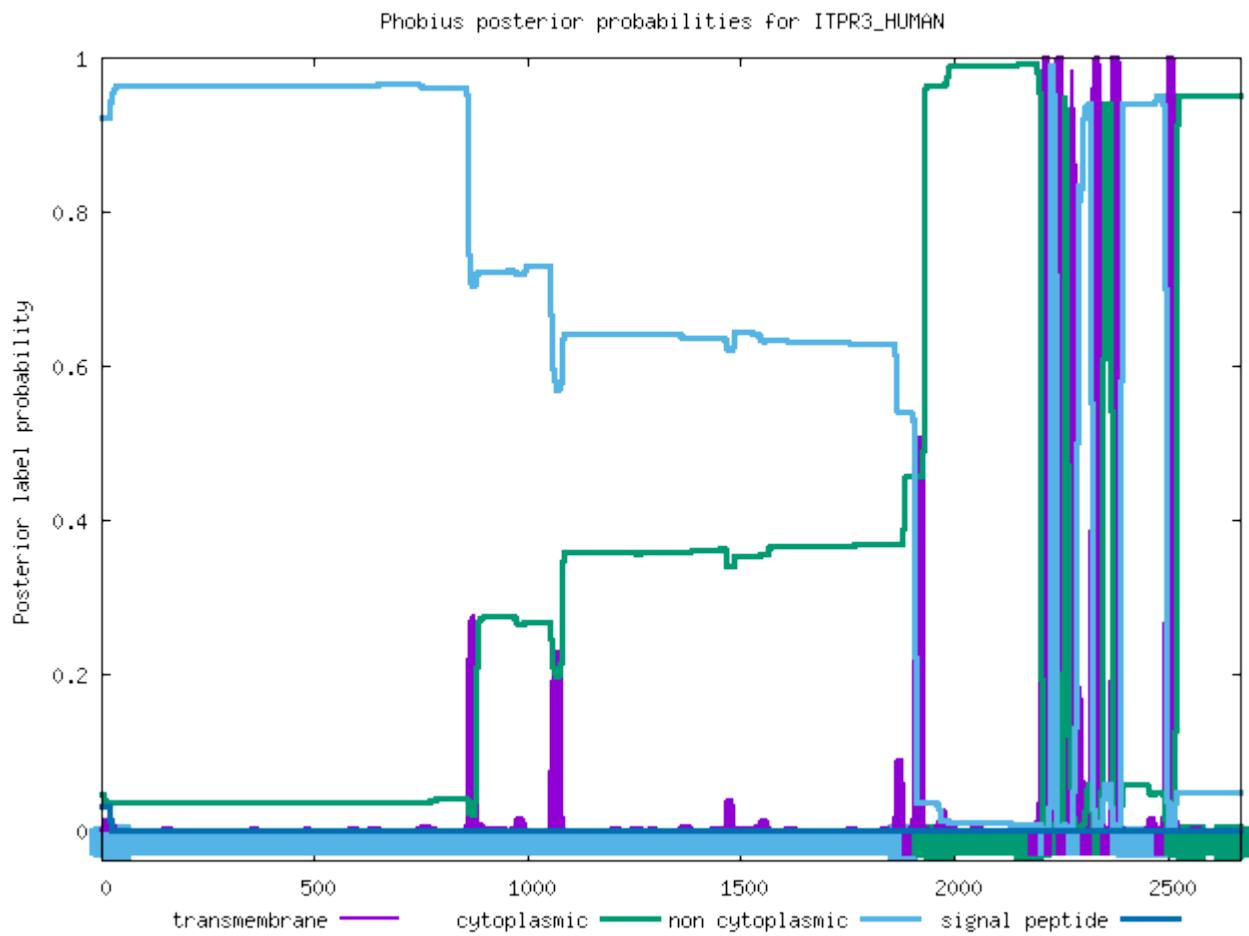


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ITPR3_HUMAN

```
ID  ITPR3_HUMAN
FT  TOPO_DOM   1    1907  NON CYTOPLASMIC.
FT  TRANSMEM   1908  1929
FT  TOPO_DOM   1930  2200  CYTOPLASMIC.
FT  TRANSMEM   2201  2226
FT  TOPO_DOM   2227  2237  NON CYTOPLASMIC.
FT  TRANSMEM   2238  2256
FT  TOPO_DOM   2257  2267  CYTOPLASMIC.
FT  TRANSMEM   2268  2288
FT  TOPO_DOM   2289  2323  NON CYTOPLASMIC.
FT  TRANSMEM   2324  2349
FT  TOPO_DOM   2350  2368  CYTOPLASMIC.
FT  TRANSMEM   2369  2391
FT  TOPO_DOM   2392  2497  NON CYTOPLASMIC.
```

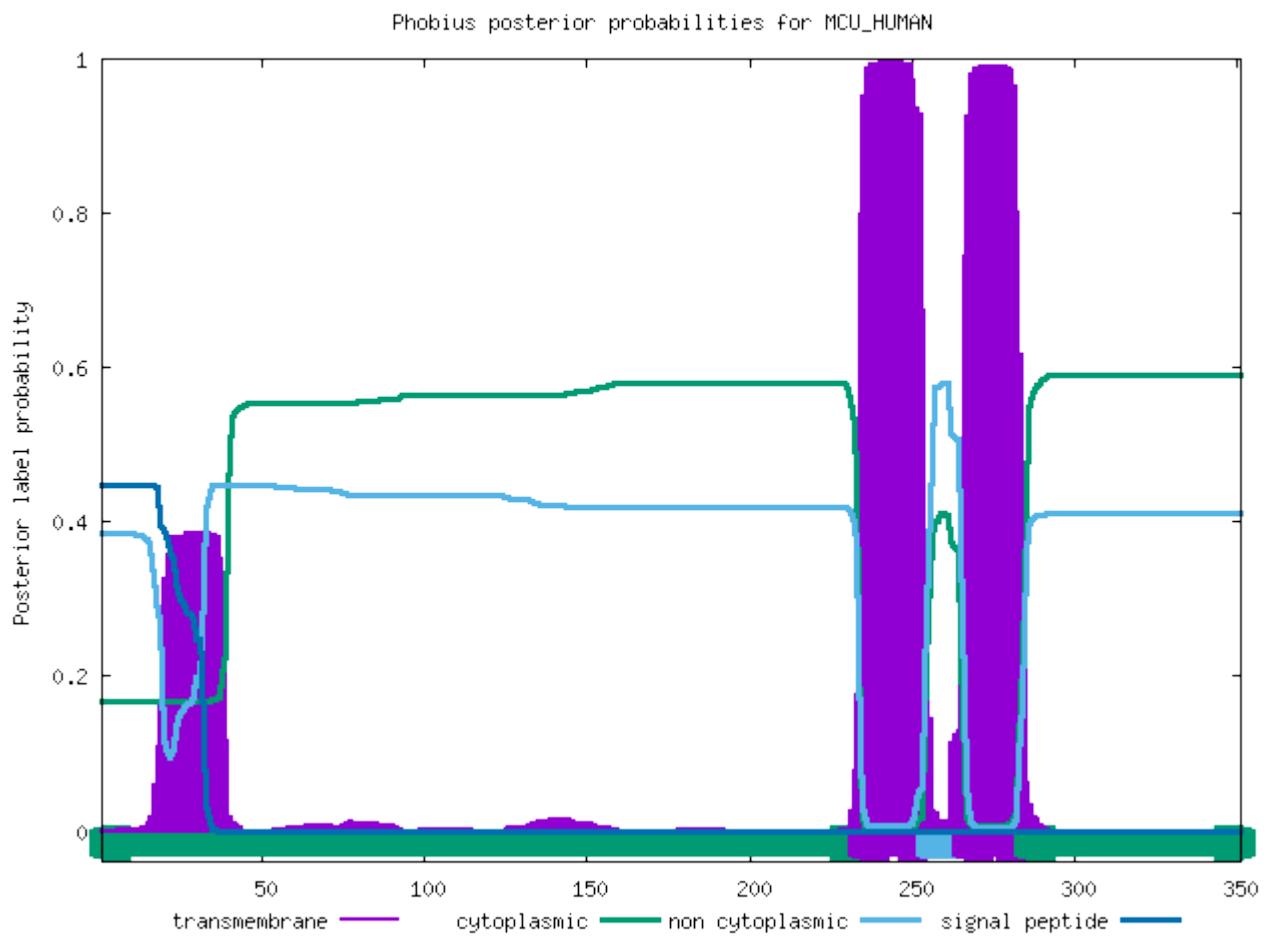
| | | | | |
|----|----------|------|------|--------------|
| FT | TRANSMEM | 2498 | 2521 | CYTOPLASMIC. |
| FT | TOPO_DOM | 2522 | 2671 | |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MCU_HUMAN

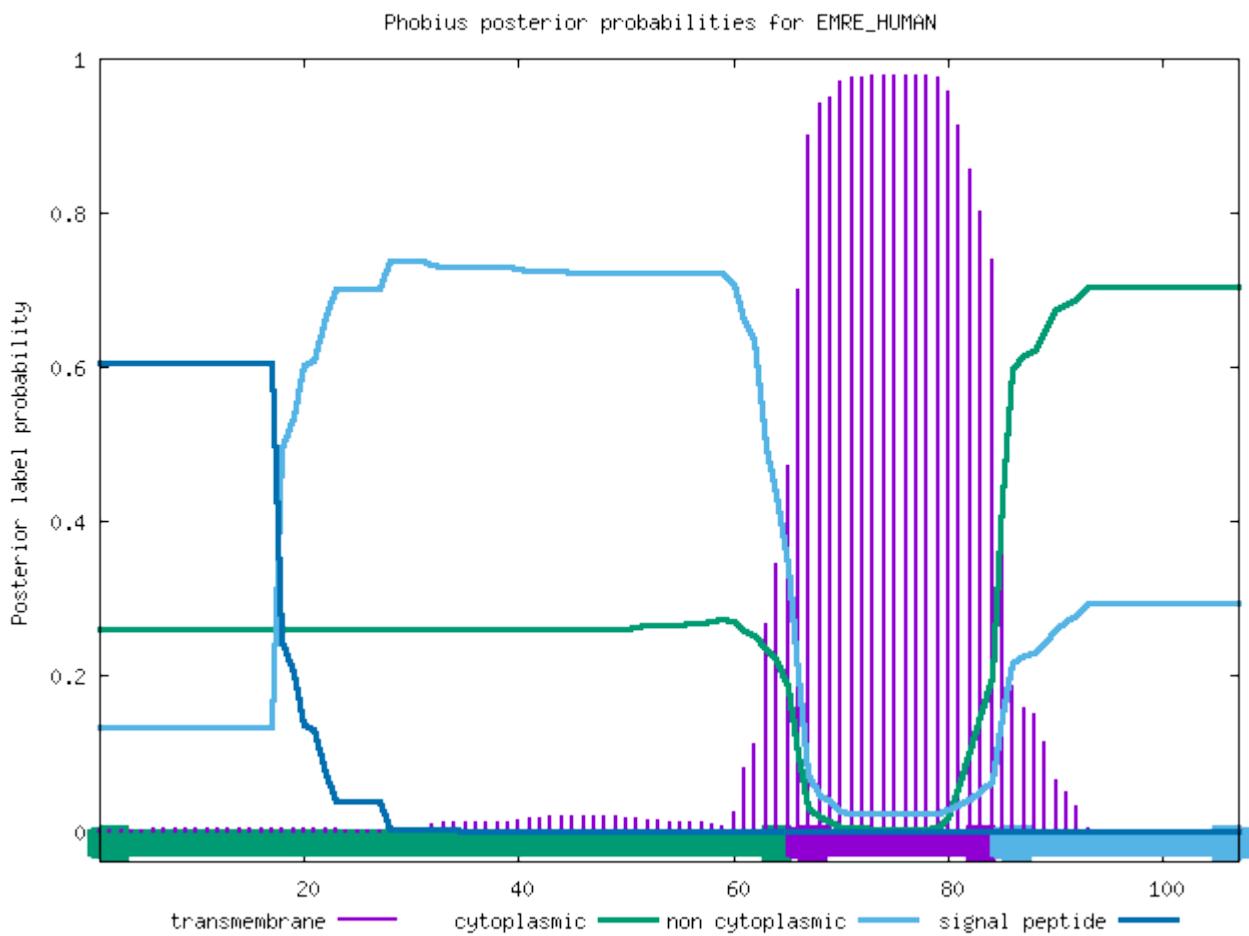
| ID | MCU_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 233 | CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 254 | |
| FT | TOPO_DOM | 255 | 265 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 284 | |
| FT | TOPO_DOM | 285 | 351 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EMRE_HUMAN

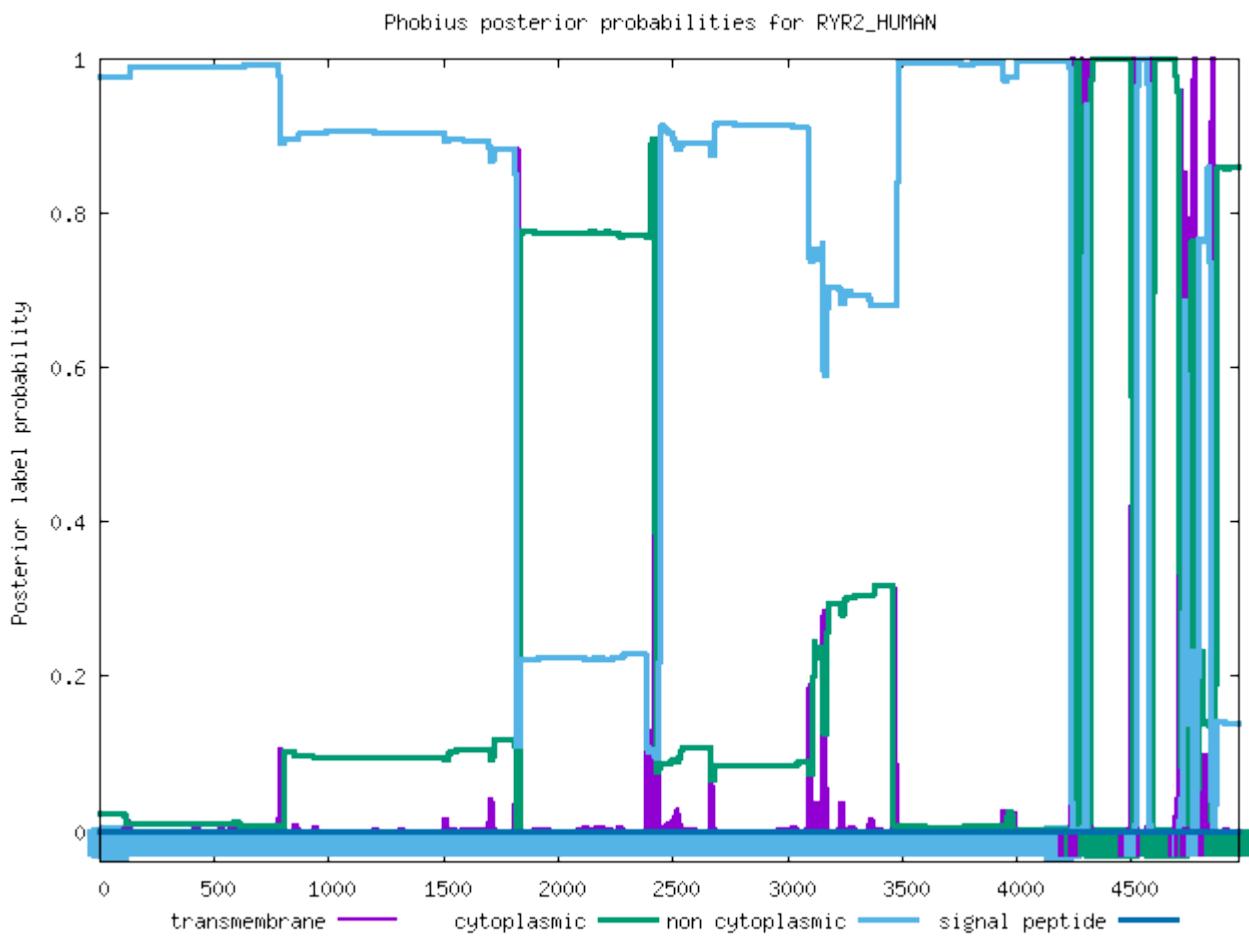
| | | | | |
|----|------------|----|-----|------------------|
| ID | EMRE_HUMAN | | | |
| FT | TOPO_DOM | 1 | 65 | CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 84 | |
| FT | TOPO_DOM | 85 | 107 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RYR2_HUMAN

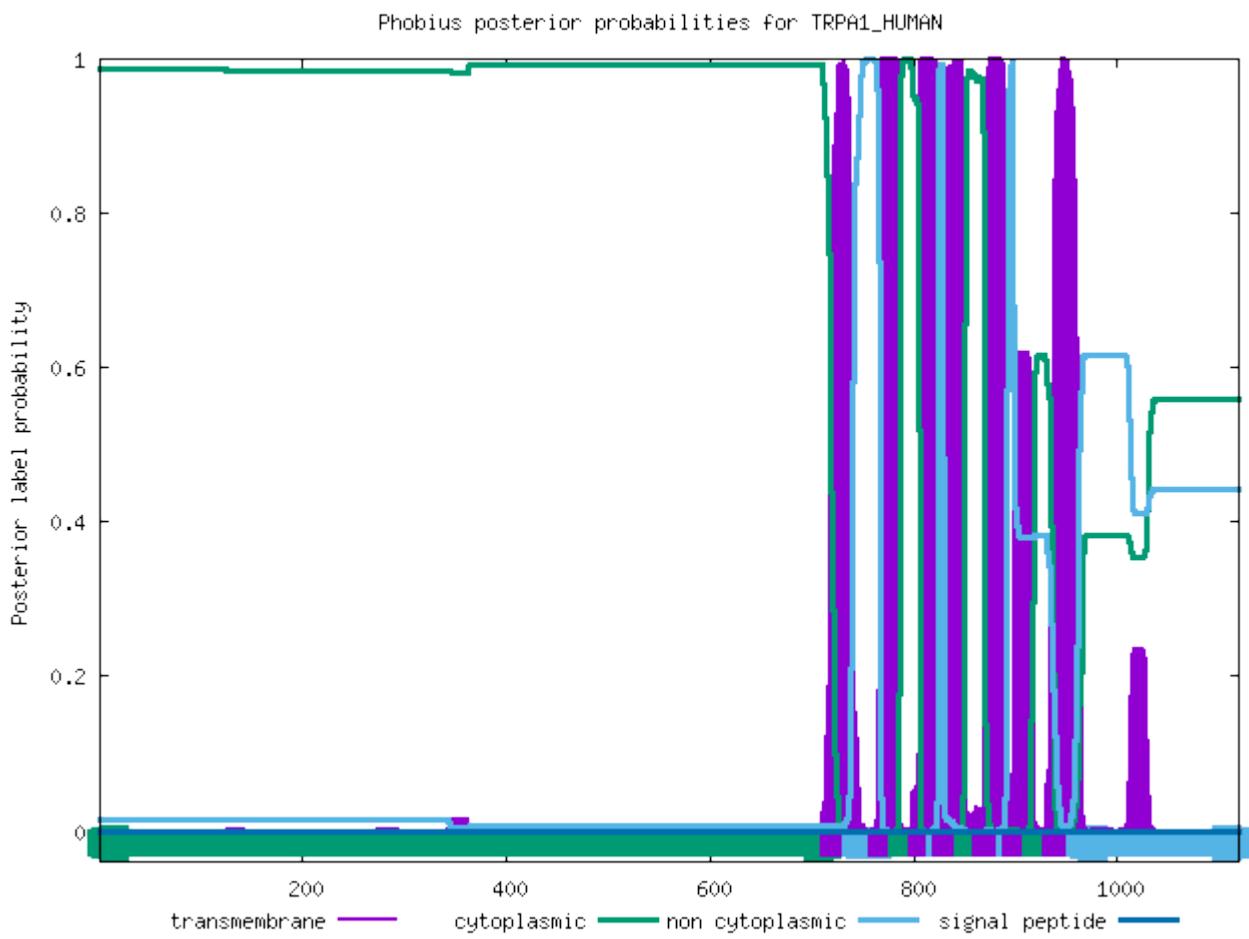
| ID | RYR2_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 4232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 4233 | 4259 | |
| FT | TOPO_DOM | 4260 | 4279 | CYTOPLASMIC. |
| FT | TRANSMEM | 4280 | 4299 | |
| FT | TOPO_DOM | 4300 | 4304 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 4305 | 4322 | |
| FT | TOPO_DOM | 4323 | 4499 | CYTOPLASMIC. |
| FT | TRANSMEM | 4500 | 4520 | |
| FT | TOPO_DOM | 4521 | 4573 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 4574 | 4593 | |
| FT | TOPO_DOM | 4594 | 4709 | CYTOPLASMIC. |
| FT | TRANSMEM | 4710 | 4731 | |
| FT | TOPO_DOM | 4732 | 4736 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 4737 | 4756 | |
| FT | TOPO_DOM | 4757 | 4767 | CYTOPLASMIC. |
| FT | TRANSMEM | 4768 | 4789 | |
| FT | TOPO_DOM | 4790 | 4843 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 4844 | 4867 | |
| FT | TOPO_DOM | 4868 | 4967 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPA1_HUMAN

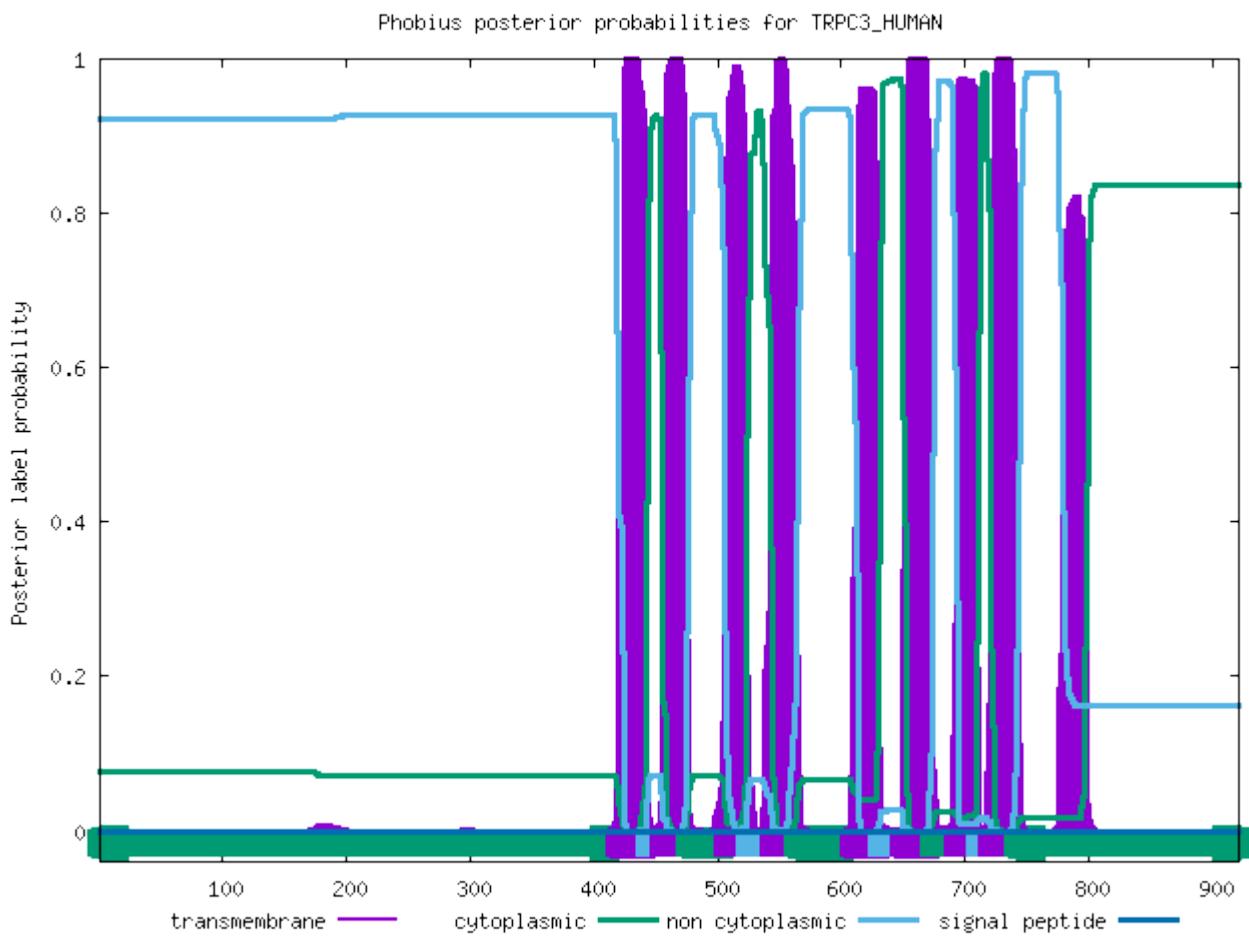
| ID | TRPA1_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 719 | CYTOPLASMIC. |
| FT | TRANSMEM | 720 | 740 | |
| FT | TOPO_DOM | 741 | 767 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 768 | 786 | |
| FT | TOPO_DOM | 787 | 805 | CYTOPLASMIC. |
| FT | TRANSMEM | 806 | 824 | |
| FT | TOPO_DOM | 825 | 829 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 830 | 850 | |
| FT | TOPO_DOM | 851 | 869 | CYTOPLASMIC. |
| FT | TRANSMEM | 870 | 892 | |
| FT | TOPO_DOM | 893 | 897 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 898 | 918 | |
| FT | TOPO_DOM | 919 | 937 | CYTOPLASMIC. |
| FT | TRANSMEM | 938 | 961 | |
| FT | TOPO_DOM | 962 | 1119 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPC3_HUMAN

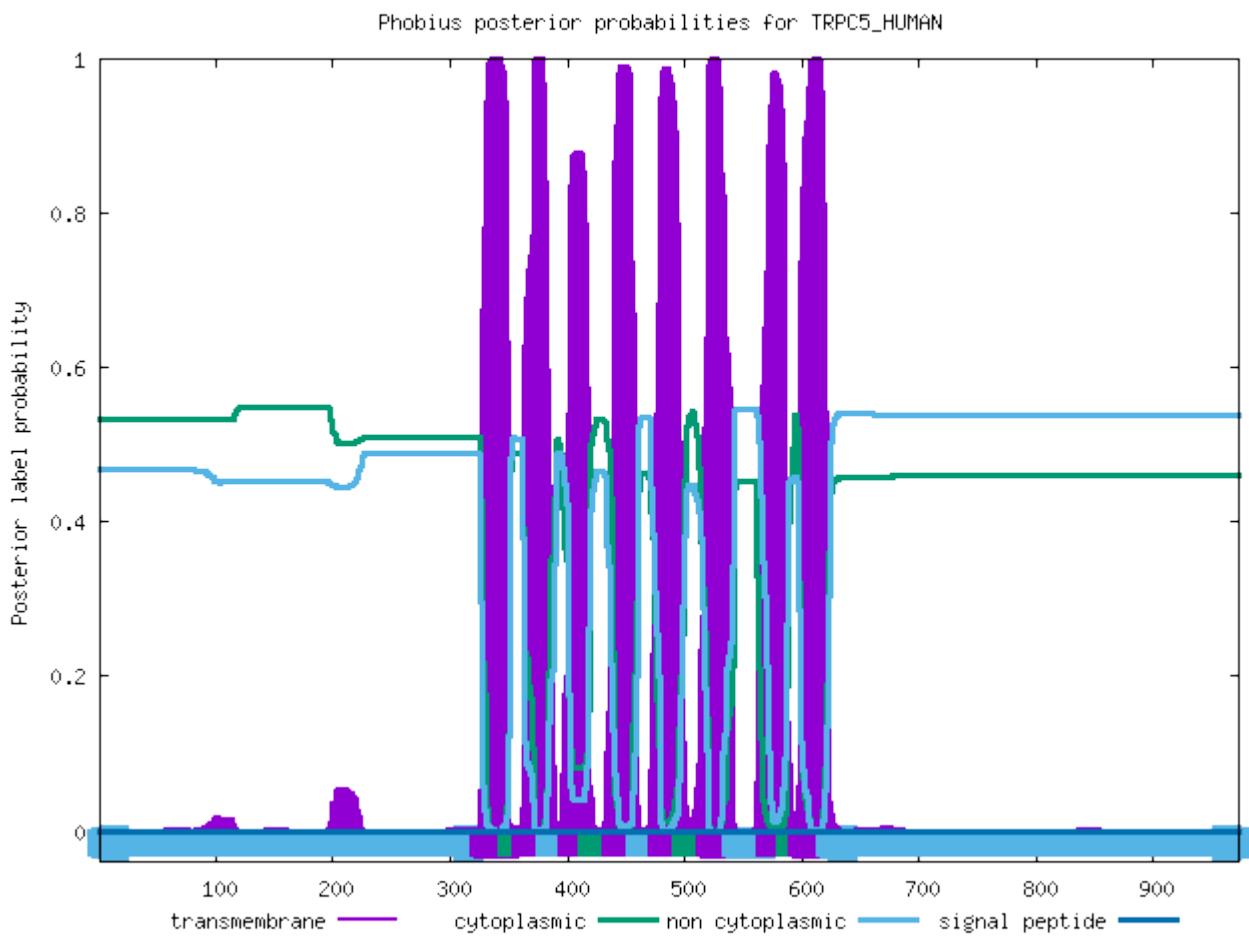
| ID | TRPC3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 418 | CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 443 | |
| FT | TOPO_DOM | 444 | 454 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 455 | 475 | |
| FT | TOPO_DOM | 476 | 506 | CYTOPLASMIC. |
| FT | TRANSMEM | 507 | 524 | |
| FT | TOPO_DOM | 525 | 543 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 544 | 563 | |
| FT | TOPO_DOM | 564 | 608 | CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 630 | |
| FT | TOPO_DOM | 631 | 649 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 650 | 672 | |
| FT | TOPO_DOM | 673 | 692 | CYTOPLASMIC. |
| FT | TRANSMEM | 693 | 709 | |
| FT | TOPO_DOM | 710 | 720 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 721 | 740 | |
| FT | TOPO_DOM | 741 | 921 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPC5_HUMAN

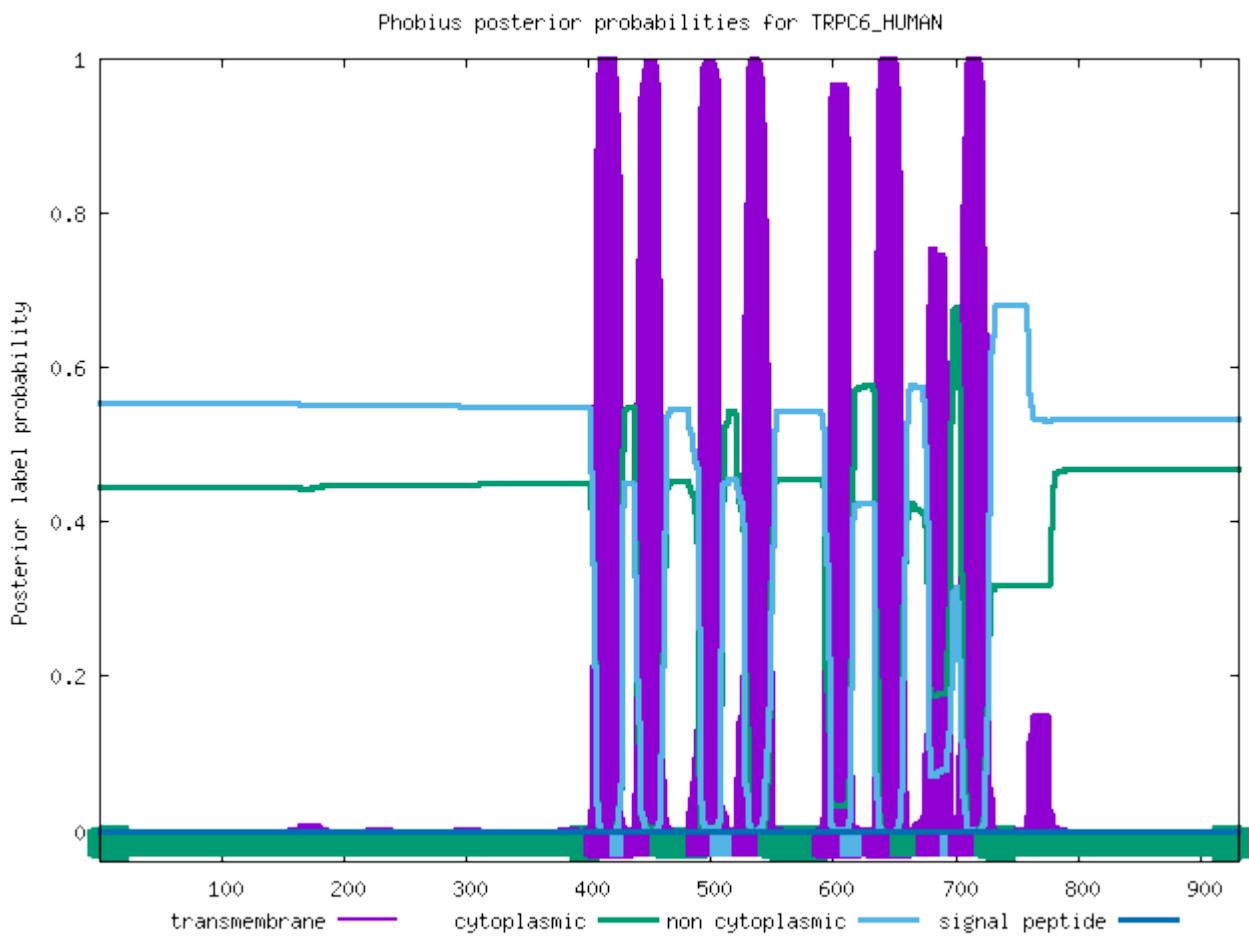
| ID | TRPC5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 326 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 351 | |
| FT | TOPO_DOM | 352 | 362 | CYTOPLASMIC. |
| FT | TRANSMEM | 363 | 382 | |
| FT | TOPO_DOM | 383 | 401 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 402 | 419 | |
| FT | TOPO_DOM | 420 | 439 | CYTOPLASMIC. |
| FT | TRANSMEM | 440 | 460 | |
| FT | TOPO_DOM | 461 | 479 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 480 | 499 | |
| FT | TOPO_DOM | 500 | 519 | CYTOPLASMIC. |
| FT | TRANSMEM | 520 | 542 | |
| FT | TOPO_DOM | 543 | 570 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 571 | 587 | |
| FT | TOPO_DOM | 588 | 598 | CYTOPLASMIC. |
| FT | TRANSMEM | 599 | 621 | |
| FT | TOPO_DOM | 622 | 973 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPC6_HUMAN

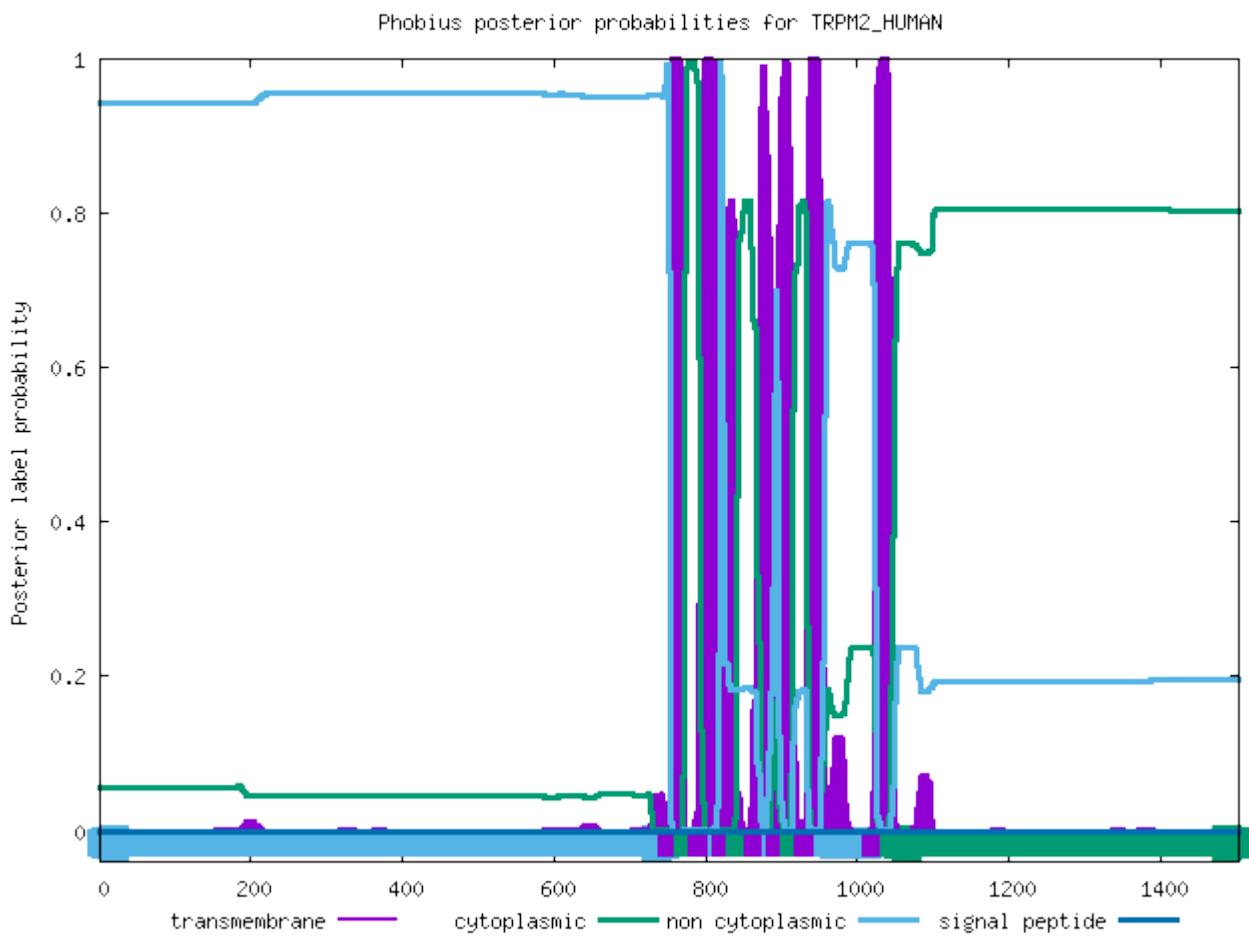
| ID | TRPC6_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 406 | CYTOPLASMIC. |
| FT | TRANSMEM | 407 | 427 | |
| FT | TOPO_DOM | 428 | 438 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 439 | 459 | |
| FT | TOPO_DOM | 460 | 489 | CYTOPLASMIC. |
| FT | TRANSMEM | 490 | 508 | |
| FT | TOPO_DOM | 509 | 527 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 528 | 547 | |
| FT | TOPO_DOM | 548 | 592 | CYTOPLASMIC. |
| FT | TRANSMEM | 593 | 614 | |
| FT | TOPO_DOM | 615 | 633 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 634 | 656 | |
| FT | TOPO_DOM | 657 | 676 | CYTOPLASMIC. |
| FT | TRANSMEM | 677 | 697 | |
| FT | TOPO_DOM | 698 | 702 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 703 | 724 | |
| FT | TOPO_DOM | 725 | 931 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPM2_HUMAN

| ID | TRPM2_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 751 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 752 | 773 | |
| FT | TOPO_DOM | 774 | 793 | CYTOPLASMIC. |
| FT | TRANSMEM | 794 | 818 | |
| FT | TOPO_DOM | 819 | 823 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 824 | 841 | |
| FT | TOPO_DOM | 842 | 866 | CYTOPLASMIC. |
| FT | TRANSMEM | 867 | 889 | |
| FT | TOPO_DOM | 890 | 894 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 895 | 914 | |
| FT | TOPO_DOM | 915 | 933 | CYTOPLASMIC. |
| FT | TRANSMEM | 934 | 957 | |
| FT | TOPO_DOM | 958 | 1022 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1023 | 1045 | |
| FT | TOPO_DOM | 1046 | 1503 | CYTOPLASMIC. |
| // | | | | |

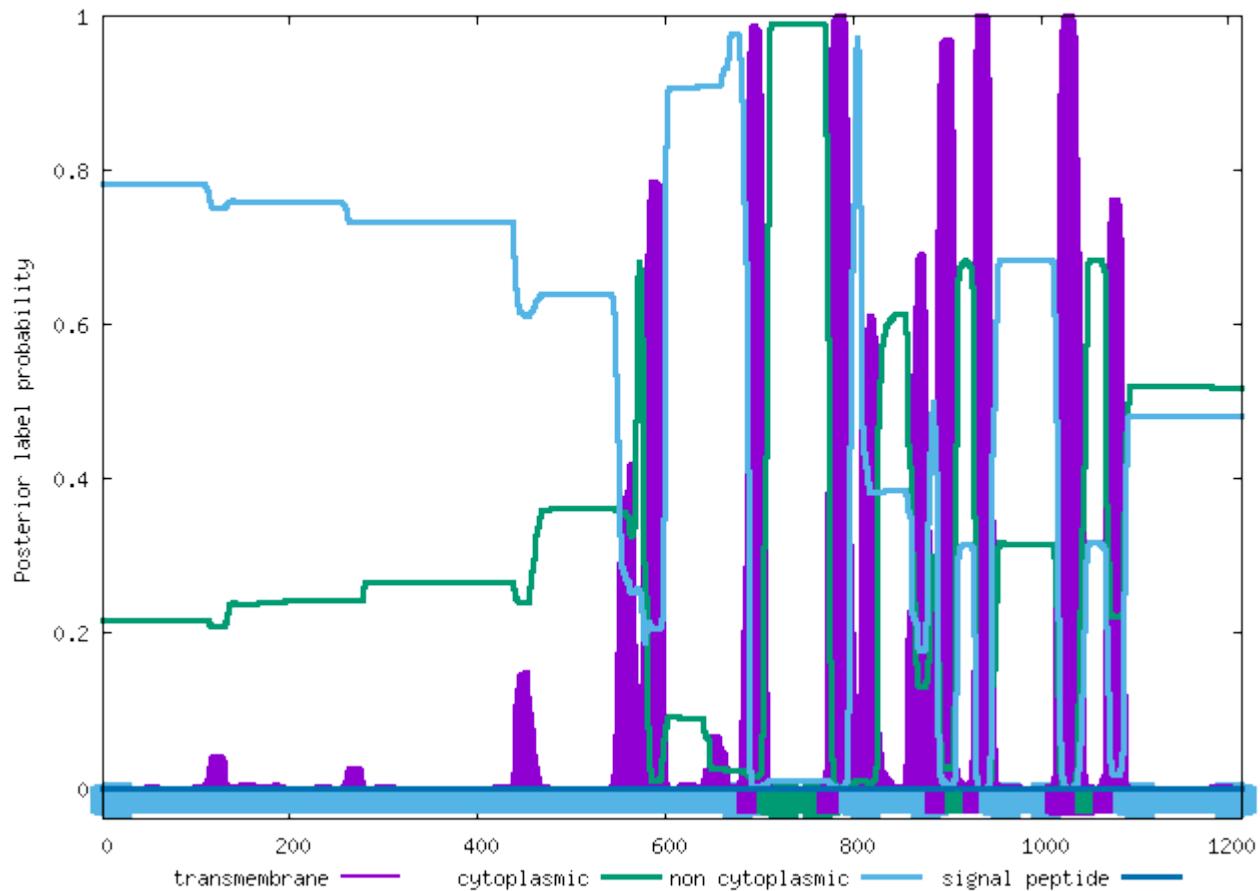


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPM4_HUMAN

| ID | TRPM4_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 689 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 690 | 709 | |
| FT | TOPO_DOM | 710 | 774 | CYTOPLASMIC. |
| FT | TRANSMEM | 775 | 797 | |
| FT | TOPO_DOM | 798 | 889 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 890 | 910 | |
| FT | TOPO_DOM | 911 | 929 | CYTOPLASMIC. |
| FT | TRANSMEM | 930 | 947 | |
| FT | TOPO_DOM | 948 | 1017 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1018 | 1048 | |
| FT | TOPO_DOM | 1049 | 1068 | CYTOPLASMIC. |
| FT | TRANSMEM | 1069 | 1089 | |
| FT | TOPO_DOM | 1090 | 1214 | NON CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for TRPM4_HUMAN

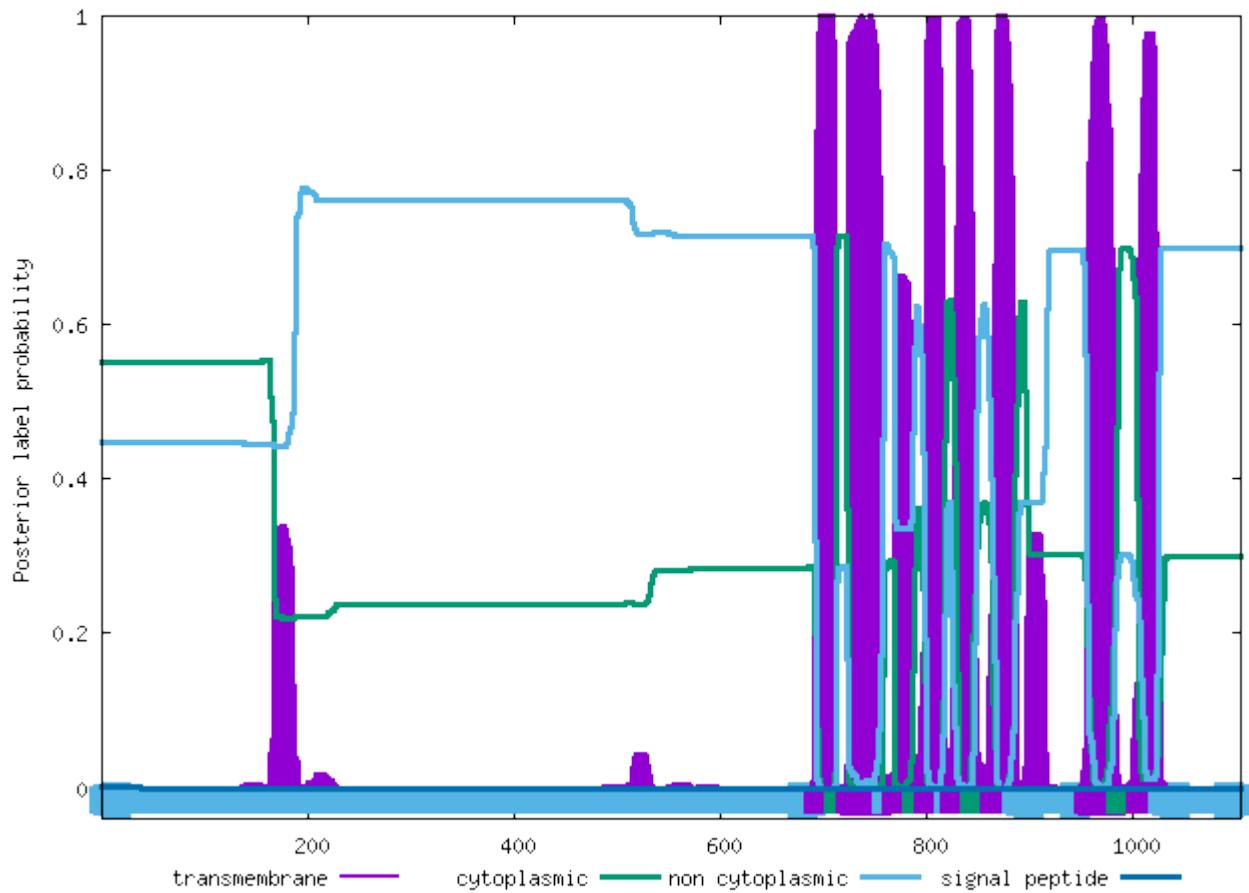


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPM8_HUMAN

| ID | TRPM8_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 692 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 693 | 712 | |
| FT | TOPO_DOM | 713 | 723 | CYTOPLASMIC. |
| FT | TRANSMEM | 724 | 757 | |
| FT | TOPO_DOM | 758 | 768 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 769 | 787 | |
| FT | TOPO_DOM | 788 | 798 | CYTOPLASMIC. |
| FT | TRANSMEM | 799 | 818 | |
| FT | TOPO_DOM | 819 | 823 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 824 | 844 | |
| FT | TOPO_DOM | 845 | 863 | CYTOPLASMIC. |
| FT | TRANSMEM | 864 | 884 | |
| FT | TOPO_DOM | 885 | 954 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 955 | 984 | |
| FT | TOPO_DOM | 985 | 1004 | CYTOPLASMIC. |
| FT | TRANSMEM | 1005 | 1025 | |
| FT | TOPO_DOM | 1026 | 1104 | NON CYTOPLASMIC. |
| // | | | | |

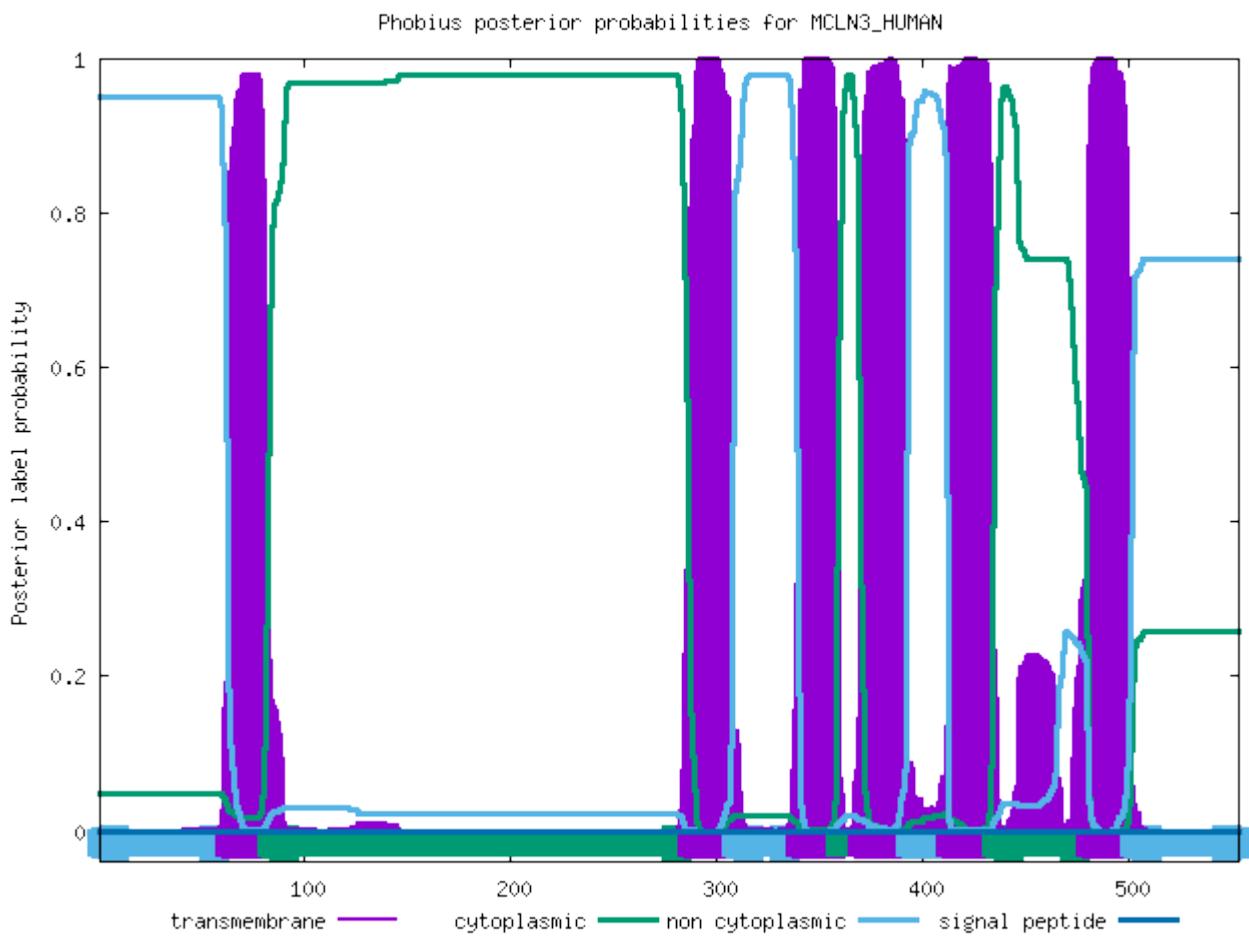
Phobius posterior probabilities for TRPM8_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MCLN3_HUMAN

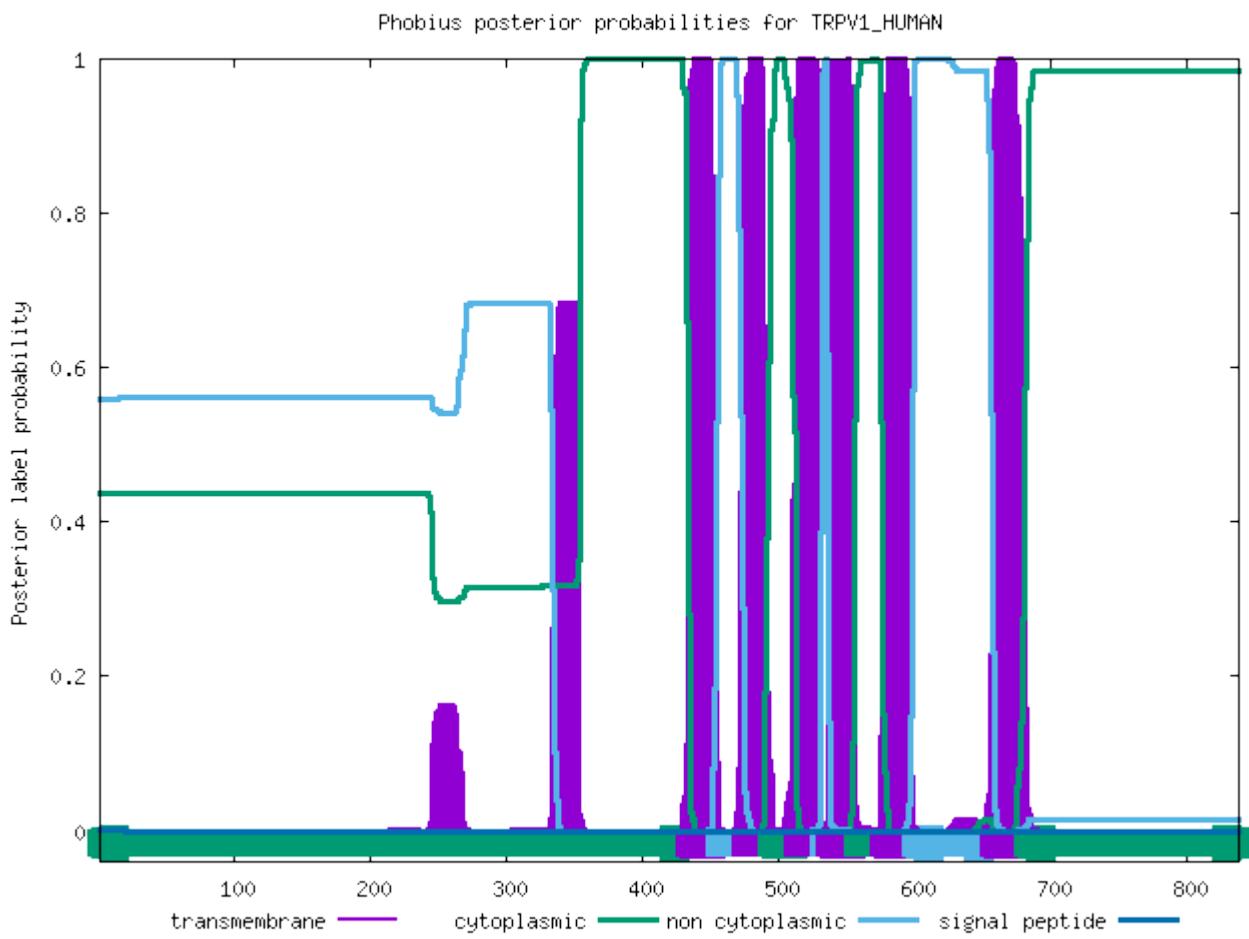
| ID | MCLN3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 62 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 82 | |
| FT | TOPO_DOM | 83 | 286 | CYTOPLASMIC. |
| FT | TRANSMEM | 287 | 308 | |
| FT | TOPO_DOM | 309 | 339 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 358 | |
| FT | TOPO_DOM | 359 | 369 | CYTOPLASMIC. |
| FT | TRANSMEM | 370 | 392 | |
| FT | TOPO_DOM | 393 | 411 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 412 | 434 | |
| FT | TOPO_DOM | 435 | 479 | CYTOPLASMIC. |
| FT | TRANSMEM | 480 | 501 | |
| FT | TOPO_DOM | 502 | 553 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPV1_HUMAN

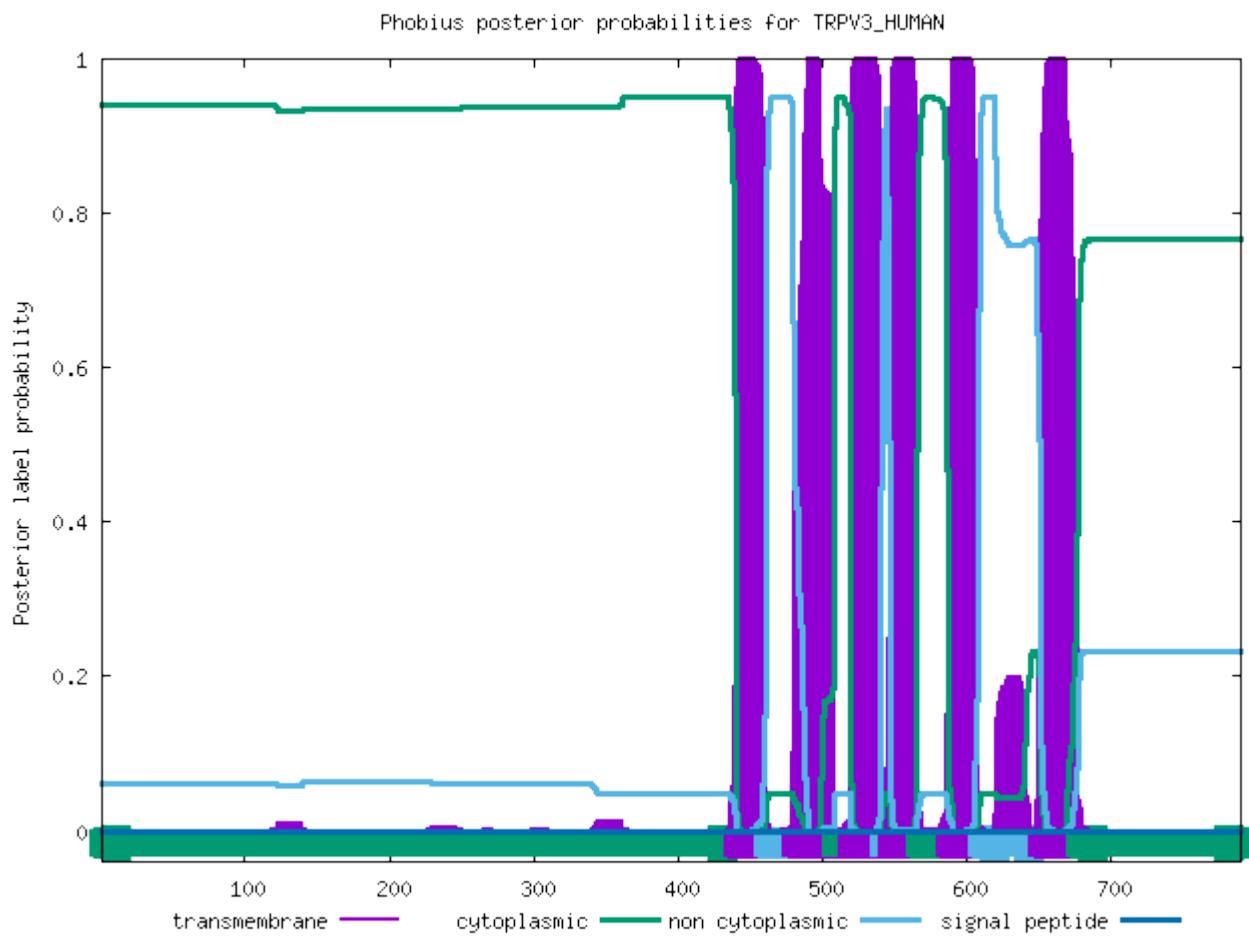
| ID | TRPV1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 433 | CYTOPLASMIC. |
| FT | TRANSMEM | 434 | 455 | |
| FT | TOPO_DOM | 456 | 474 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 475 | 493 | |
| FT | TOPO_DOM | 494 | 513 | CYTOPLASMIC. |
| FT | TRANSMEM | 514 | 531 | |
| FT | TOPO_DOM | 532 | 536 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 537 | 556 | |
| FT | TOPO_DOM | 557 | 576 | CYTOPLASMIC. |
| FT | TRANSMEM | 577 | 599 | |
| FT | TOPO_DOM | 600 | 657 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 658 | 682 | |
| FT | TOPO_DOM | 683 | 839 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPV3_HUMAN

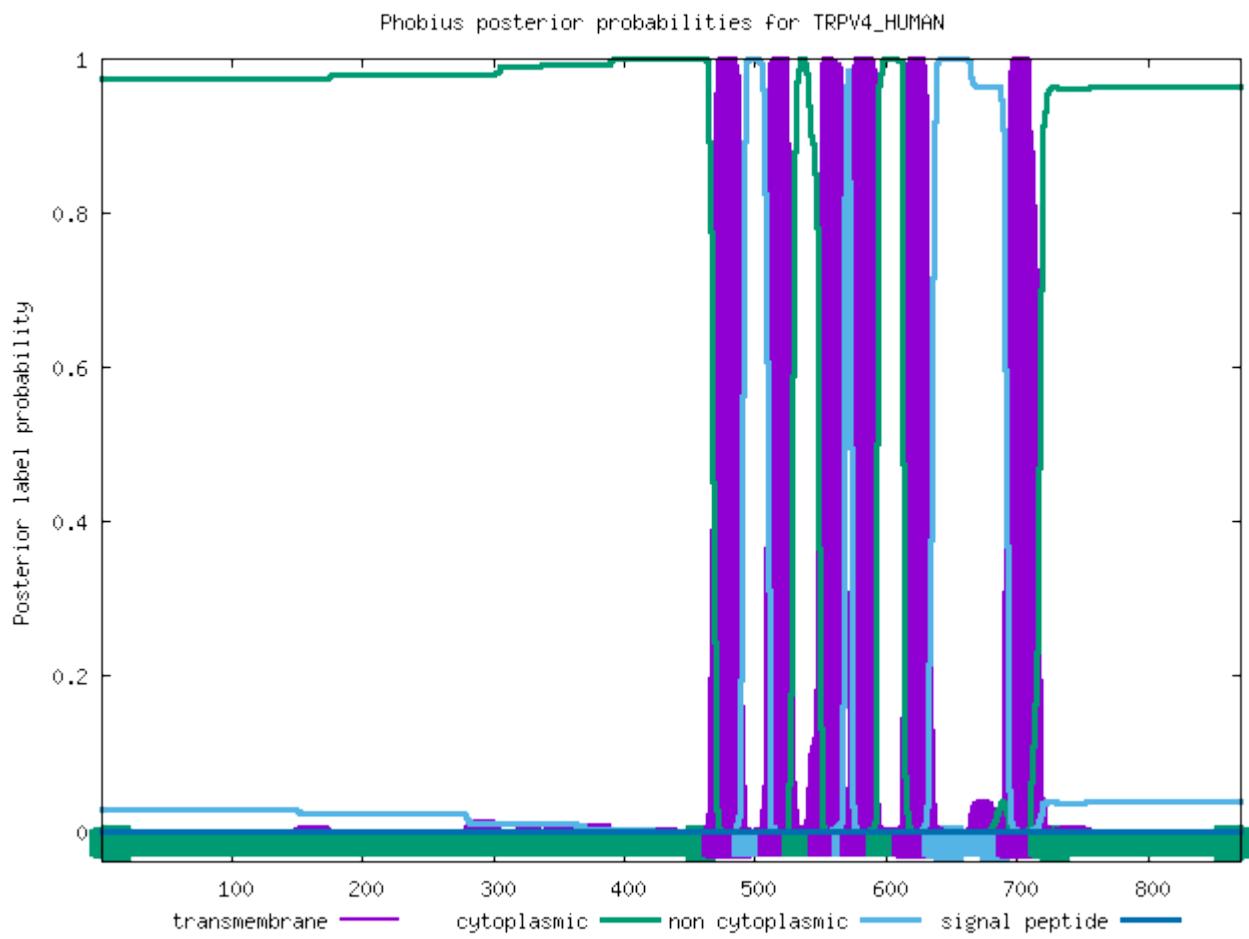
| ID | TRPV3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 439 | CYTOPLASMIC. |
| FT | TRANSMEM | 440 | 461 | |
| FT | TOPO_DOM | 462 | 480 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 481 | 508 | |
| FT | TOPO_DOM | 509 | 519 | CYTOPLASMIC. |
| FT | TRANSMEM | 520 | 541 | |
| FT | TOPO_DOM | 542 | 546 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 547 | 566 | |
| FT | TOPO_DOM | 567 | 586 | CYTOPLASMIC. |
| FT | TRANSMEM | 587 | 609 | |
| FT | TOPO_DOM | 610 | 651 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 652 | 676 | |
| FT | TOPO_DOM | 677 | 790 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPV4_HUMAN

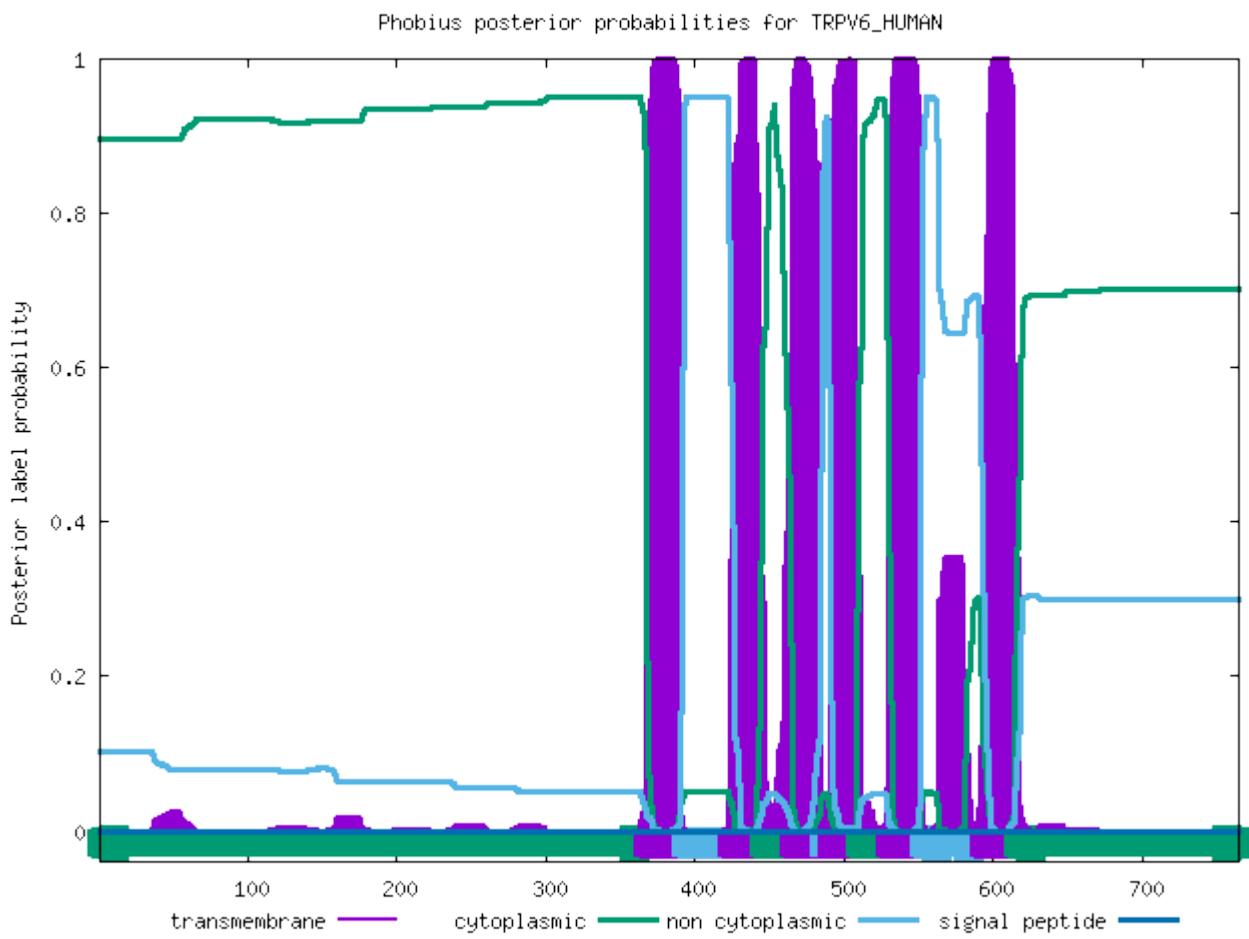
| ID | TRPV4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 468 | CYTOPLASMIC. |
| FT | TRANSMEM | 469 | 491 | |
| FT | TOPO_DOM | 492 | 510 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 511 | 529 | |
| FT | TOPO_DOM | 530 | 549 | CYTOPLASMIC. |
| FT | TRANSMEM | 550 | 568 | |
| FT | TOPO_DOM | 569 | 573 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 574 | 593 | |
| FT | TOPO_DOM | 594 | 613 | CYTOPLASMIC. |
| FT | TRANSMEM | 614 | 636 | |
| FT | TOPO_DOM | 637 | 692 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 693 | 717 | |
| FT | TOPO_DOM | 718 | 871 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRPV6_HUMAN

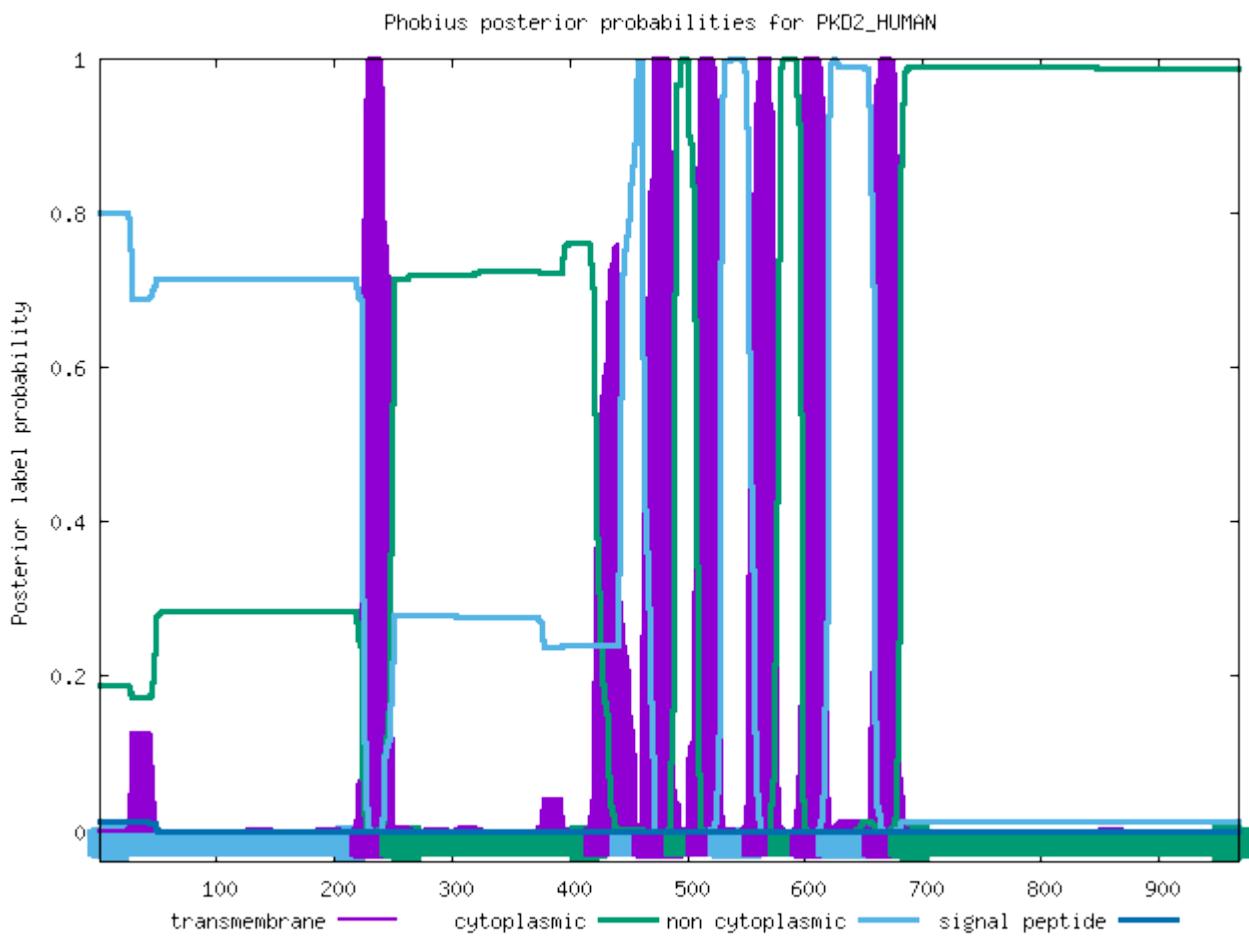
| ID | TRPV6_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 367 | CYTOPLASMIC. |
| FT | TRANSMEM | 368 | 392 | |
| FT | TOPO_DOM | 393 | 423 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 424 | 444 | |
| FT | TOPO_DOM | 445 | 464 | CYTOPLASMIC. |
| FT | TRANSMEM | 465 | 485 | |
| FT | TOPO_DOM | 486 | 490 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 491 | 509 | |
| FT | TOPO_DOM | 510 | 529 | CYTOPLASMIC. |
| FT | TRANSMEM | 530 | 552 | |
| FT | TOPO_DOM | 553 | 592 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 593 | 615 | |
| FT | TOPO_DOM | 616 | 765 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PKD2_HUMAN

| ID | PKD2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 223 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 248 | |
| FT | TOPO_DOM | 249 | 422 | CYTOPLASMIC. |
| FT | TRANSMEM | 423 | 443 | |
| FT | TOPO_DOM | 444 | 462 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 463 | 489 | |
| FT | TOPO_DOM | 490 | 508 | CYTOPLASMIC. |
| FT | TRANSMEM | 509 | 527 | |
| FT | TOPO_DOM | 528 | 555 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 556 | 577 | |
| FT | TOPO_DOM | 578 | 596 | CYTOPLASMIC. |
| FT | TRANSMEM | 597 | 619 | |
| FT | TOPO_DOM | 620 | 658 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 659 | 680 | |
| FT | TOPO_DOM | 681 | 968 | CYTOPLASMIC. |
| // | | | | |

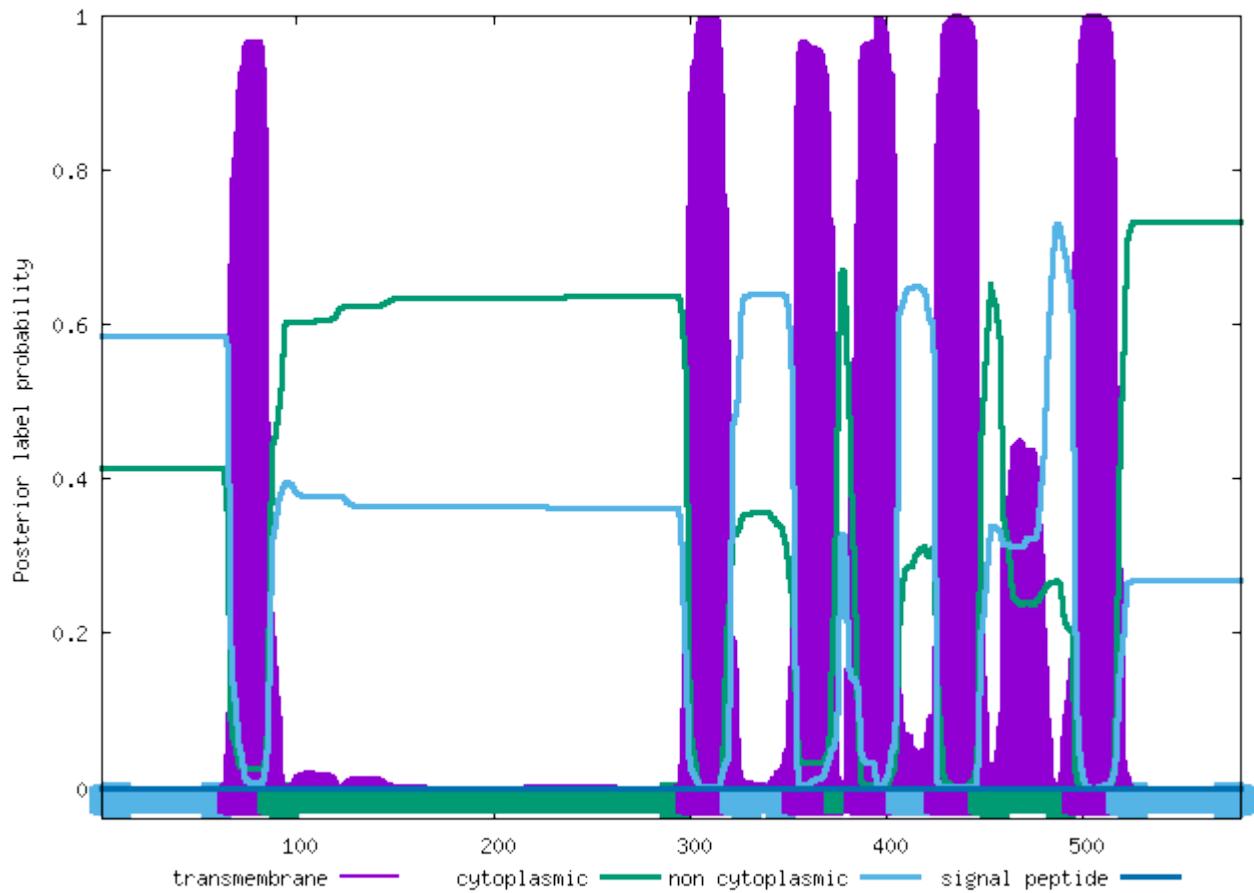


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MCLN1_HUMAN

| ID | MCLN1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 65 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 85 | |
| FT | TOPO_DOM | 86 | 298 | CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 321 | |
| FT | TOPO_DOM | 322 | 352 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 353 | 373 | |
| FT | TOPO_DOM | 374 | 384 | CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 405 | |
| FT | TOPO_DOM | 406 | 424 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 425 | 447 | |
| FT | TOPO_DOM | 448 | 495 | CYTOPLASMIC. |
| FT | TRANSMEM | 496 | 517 | |
| FT | TOPO_DOM | 518 | 580 | NON CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for MCLN1_HUMAN

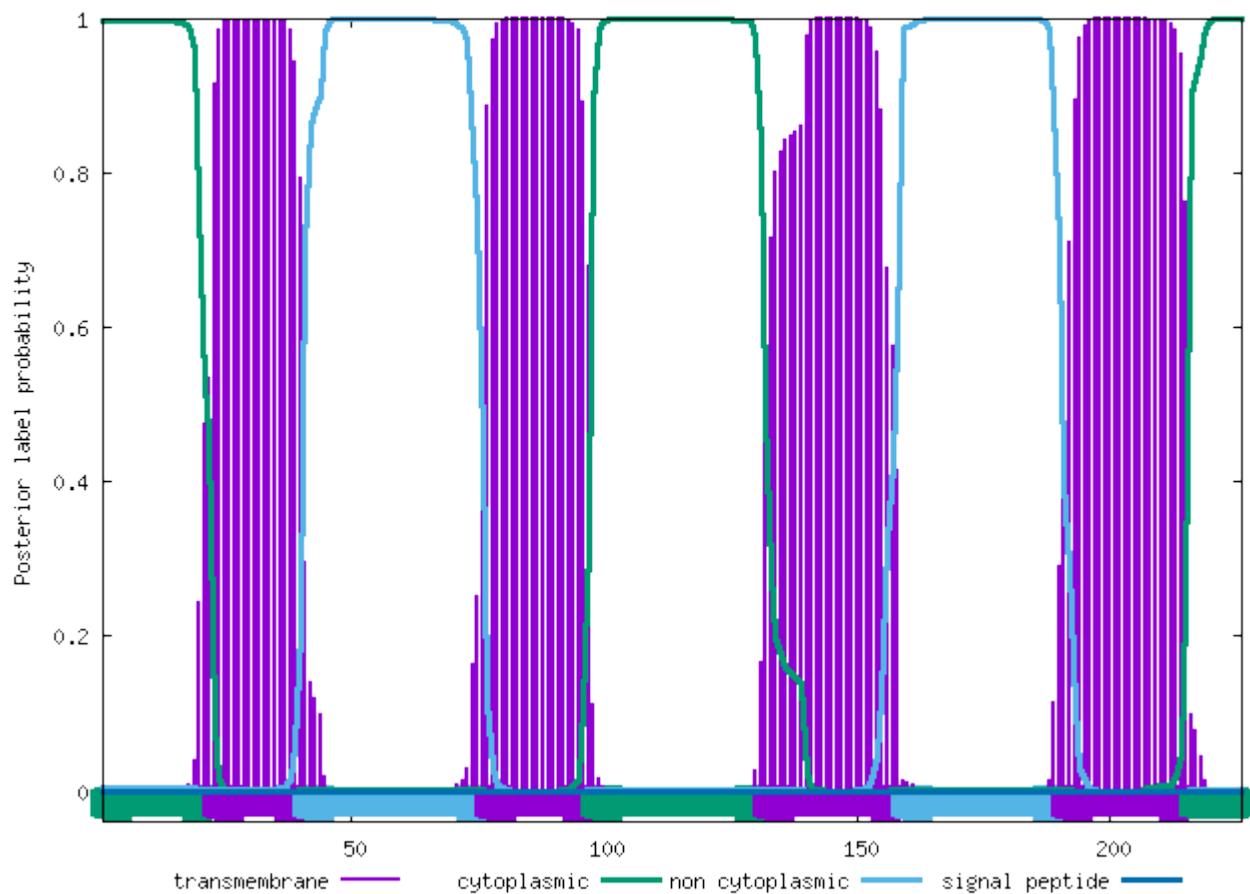


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXB2_HUMAN

| ID | CXB2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 22 | CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 40 | |
| FT | TOPO_DOM | 41 | 76 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 97 | |
| FT | TOPO_DOM | 98 | 131 | CYTOPLASMIC. |
| FT | TRANSMEM | 132 | 158 | |
| FT | TOPO_DOM | 159 | 190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 215 | |
| FT | TOPO_DOM | 216 | 226 | CYTOPLASMIC. |
| // | | | | |

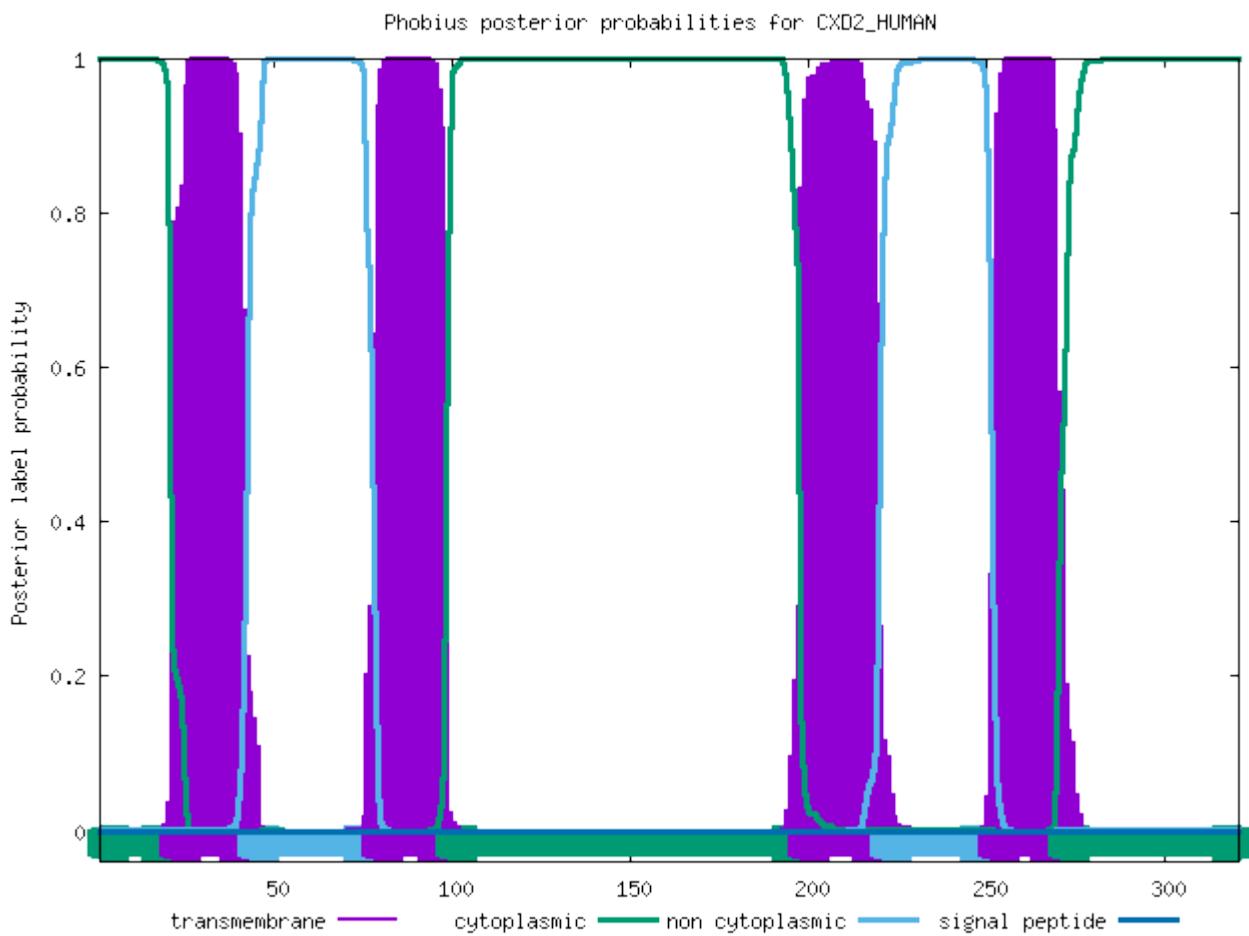
Phobius posterior probabilities for CXB2_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXD2_HUMAN

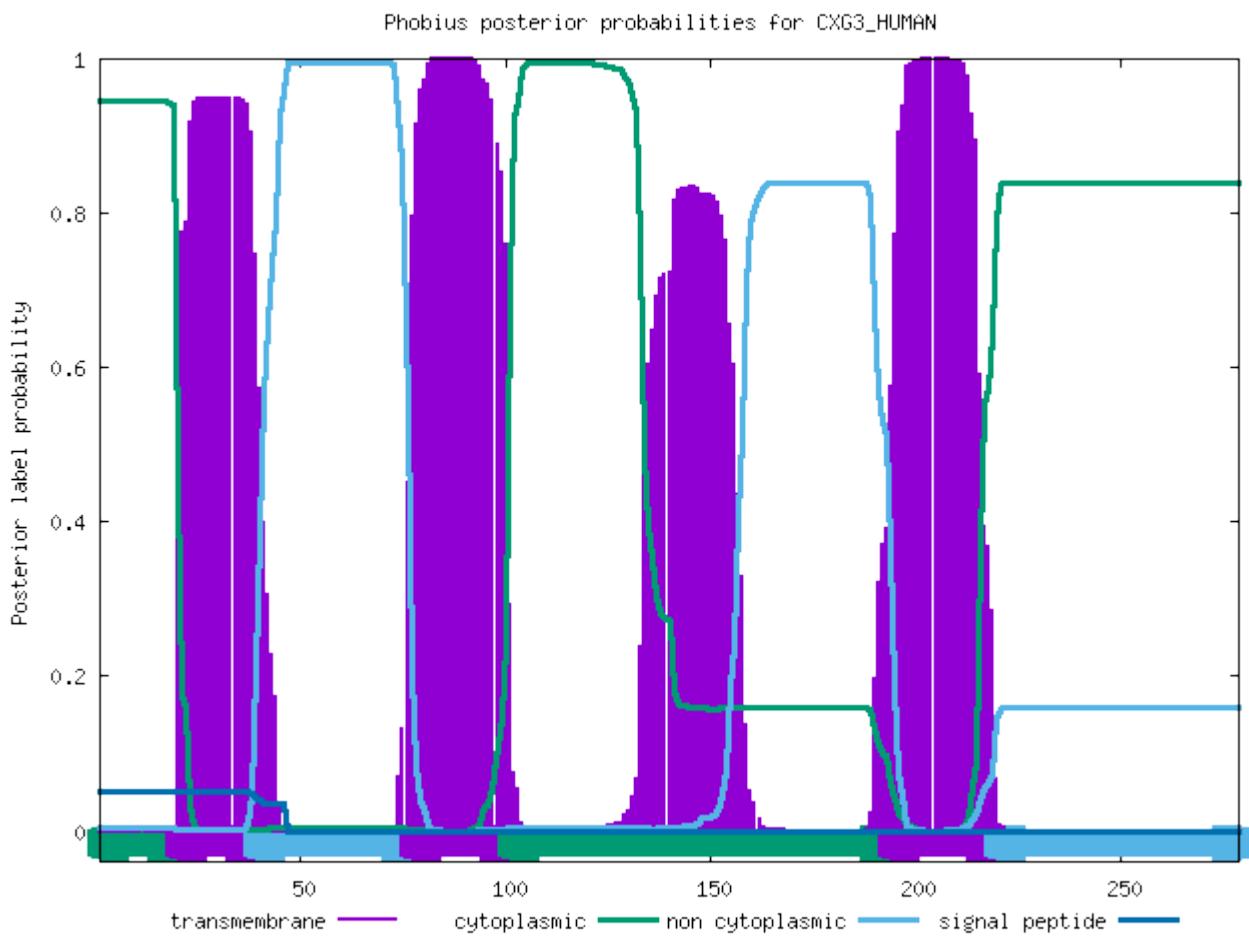
| ID | CXD2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 42 | |
| FT | TOPO_DOM | 43 | 77 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 98 | |
| FT | TOPO_DOM | 99 | 197 | CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 220 | |
| FT | TOPO_DOM | 221 | 250 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 270 | |
| FT | TOPO_DOM | 271 | 321 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXG3_HUMAN

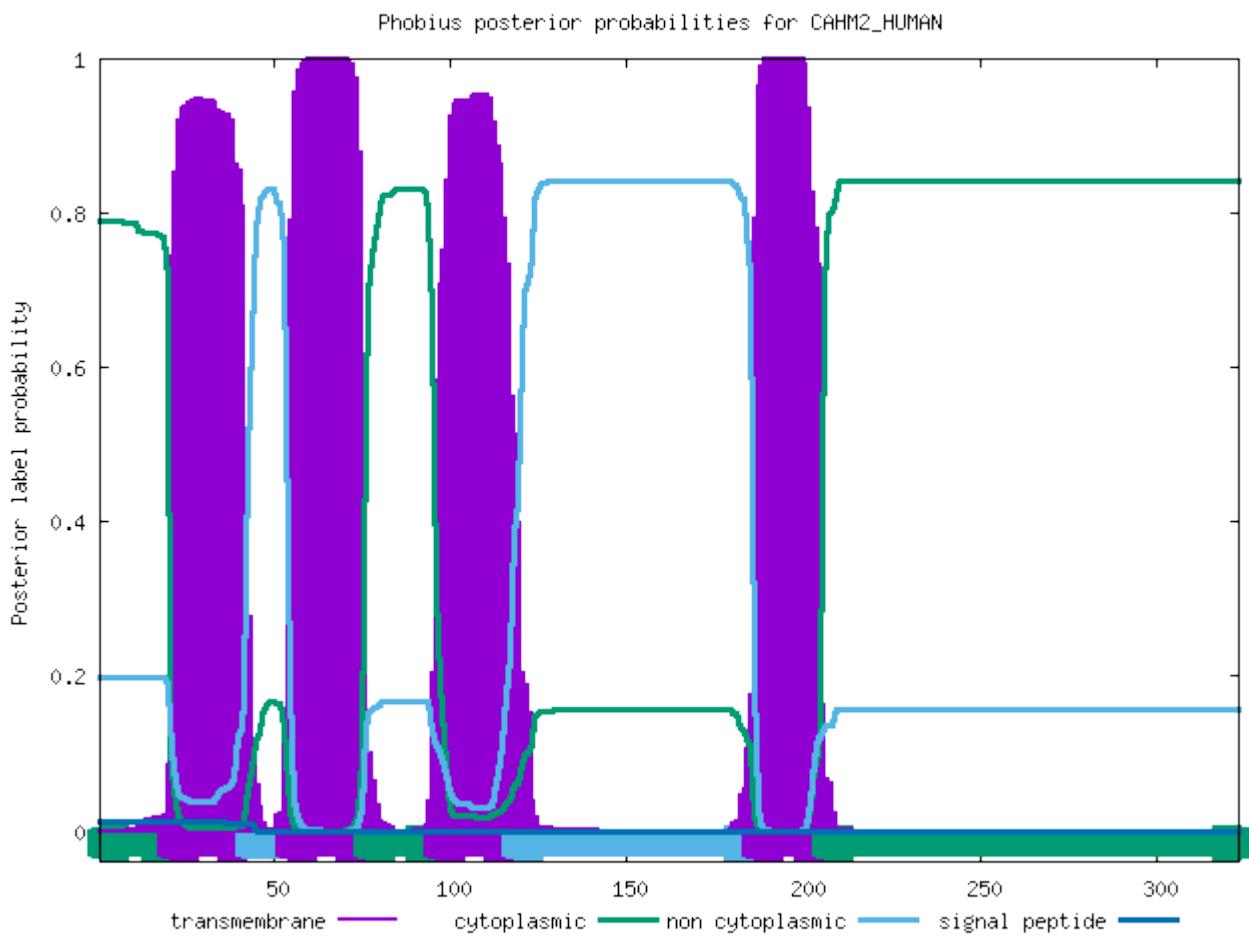
| ID | CXG3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 38 | |
| FT | TOPO_DOM | 39 | 76 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 100 | |
| FT | TOPO_DOM | 101 | 193 | CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 219 | |
| FT | TOPO_DOM | 220 | 279 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAHM2_HUMAN

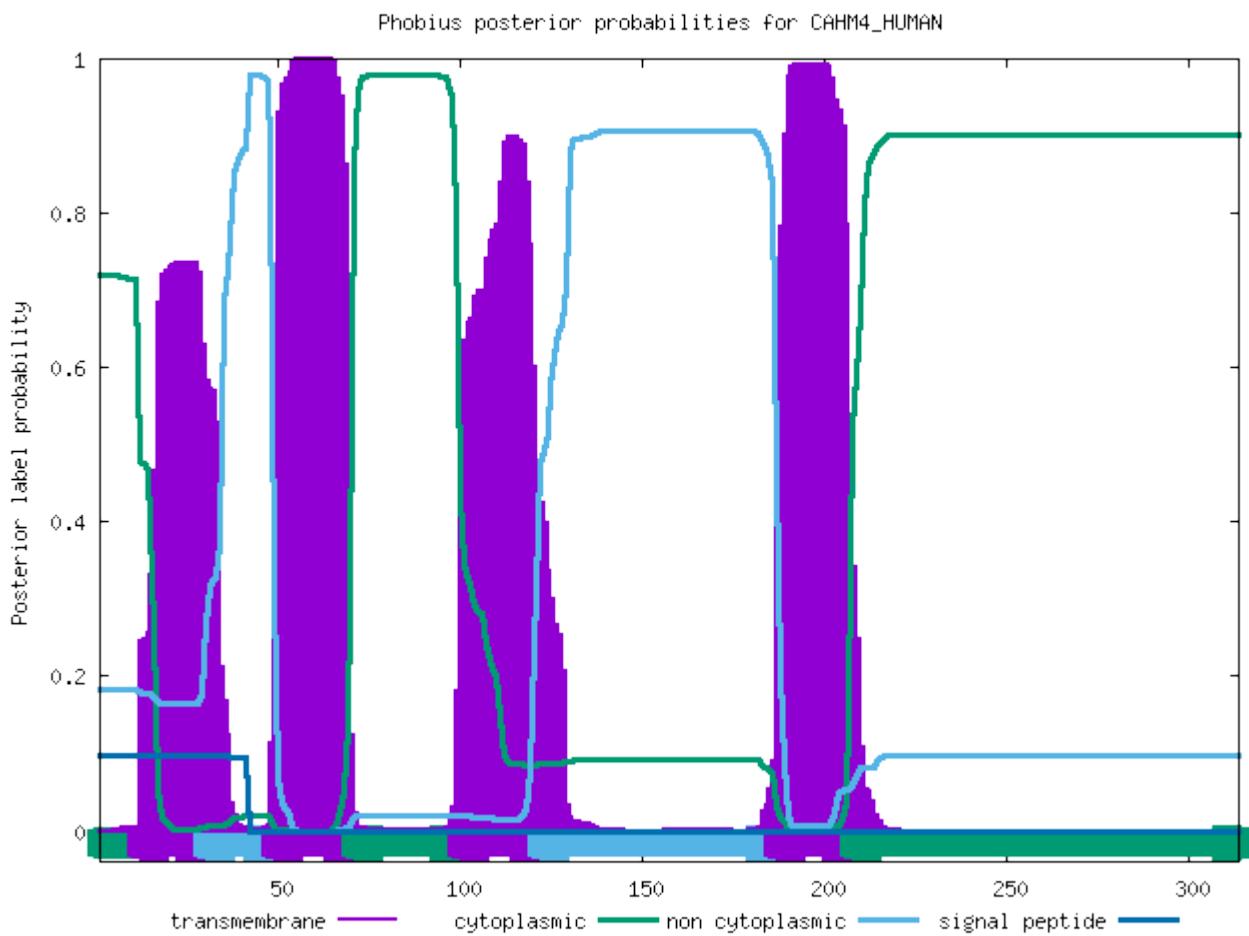
| ID | CAHM2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 42 | |
| FT | TOPO_DOM | 43 | 53 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 75 | |
| FT | TOPO_DOM | 76 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 117 | |
| FT | TOPO_DOM | 118 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 205 | |
| FT | TOPO_DOM | 206 | 323 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAHM4_HUMAN

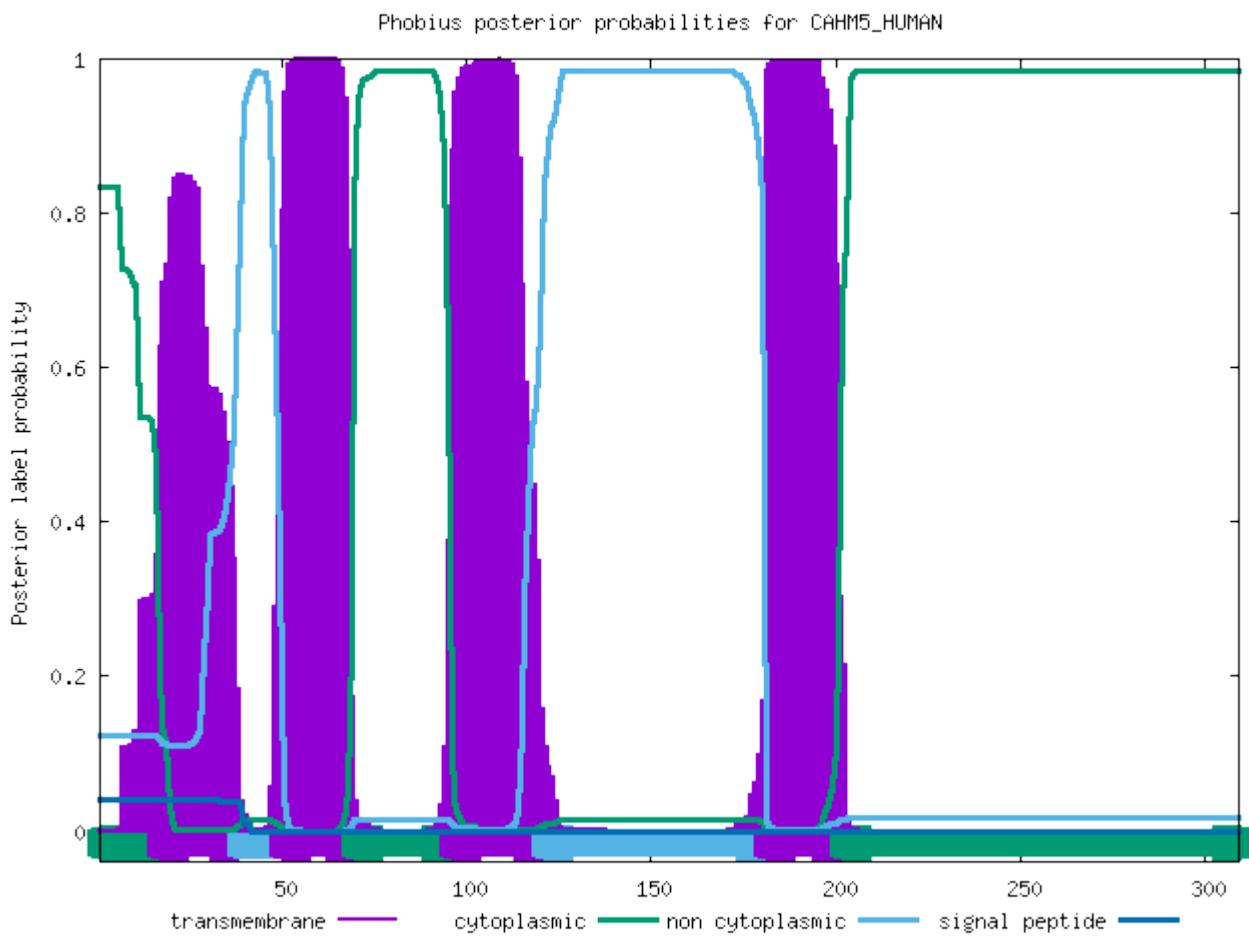
| ID | CAHM4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 29 | |
| FT | TOPO_DOM | 30 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 70 | |
| FT | TOPO_DOM | 71 | 99 | CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 121 | |
| FT | TOPO_DOM | 122 | 186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 207 | |
| FT | TOPO_DOM | 208 | 314 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAHM5_HUMAN

| ID | CAHM5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 16 | CYTOPLASMIC. |
| FT | TRANSMEM | 17 | 38 | |
| FT | TOPO_DOM | 39 | 49 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 69 | |
| FT | TOPO_DOM | 70 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 120 | |
| FT | TOPO_DOM | 121 | 180 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 201 | |
| FT | TOPO_DOM | 202 | 309 | CYTOPLASMIC. |
| // | | | | |

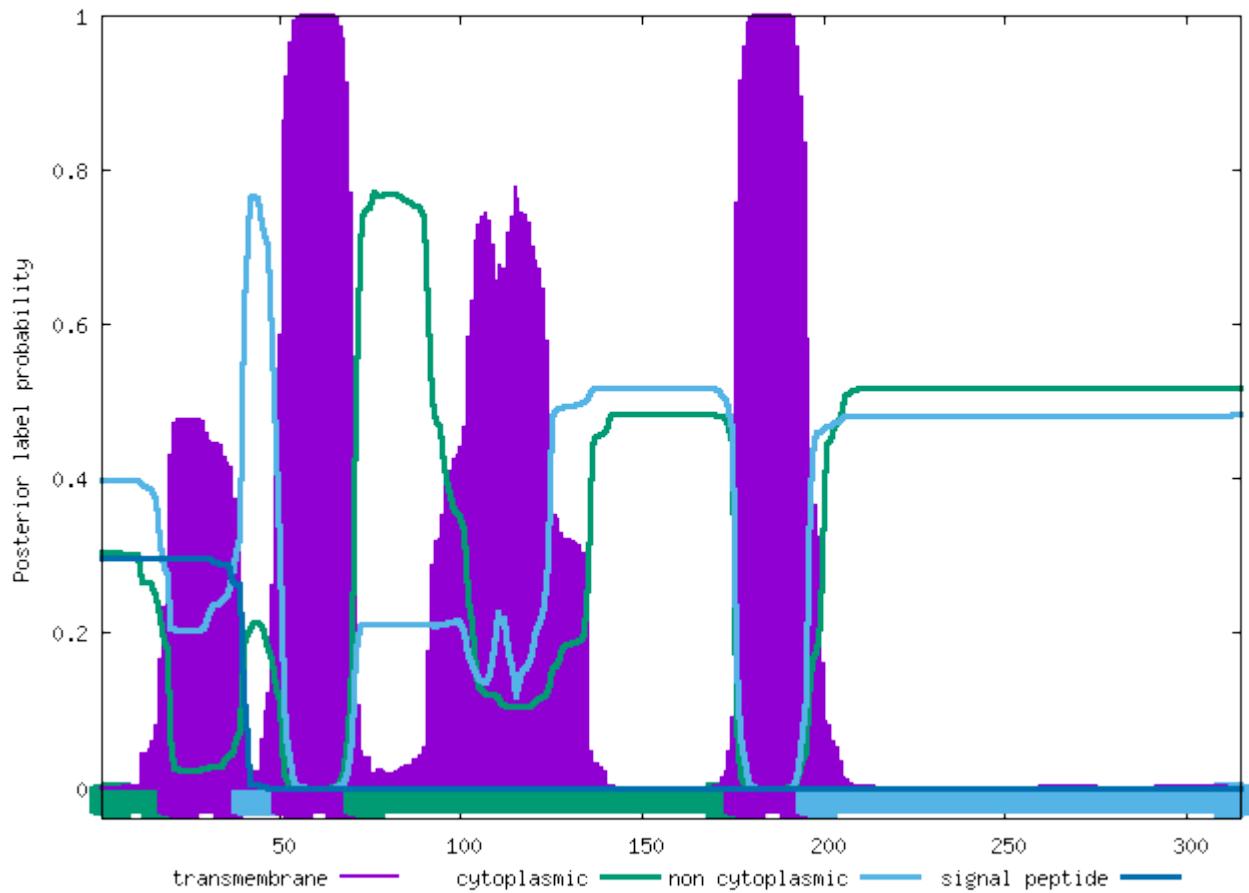


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CAHM6_HUMAN

| ID | CAHM6_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 39 | |
| FT | TOPO_DOM | 40 | 50 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 51 | 70 | |
| FT | TOPO_DOM | 71 | 175 | CYTOPLASMIC. |
| FT | TRANSMEM | 176 | 195 | |
| FT | TOPO_DOM | 196 | 315 | NON CYTOPLASMIC. |
| // | | | | |

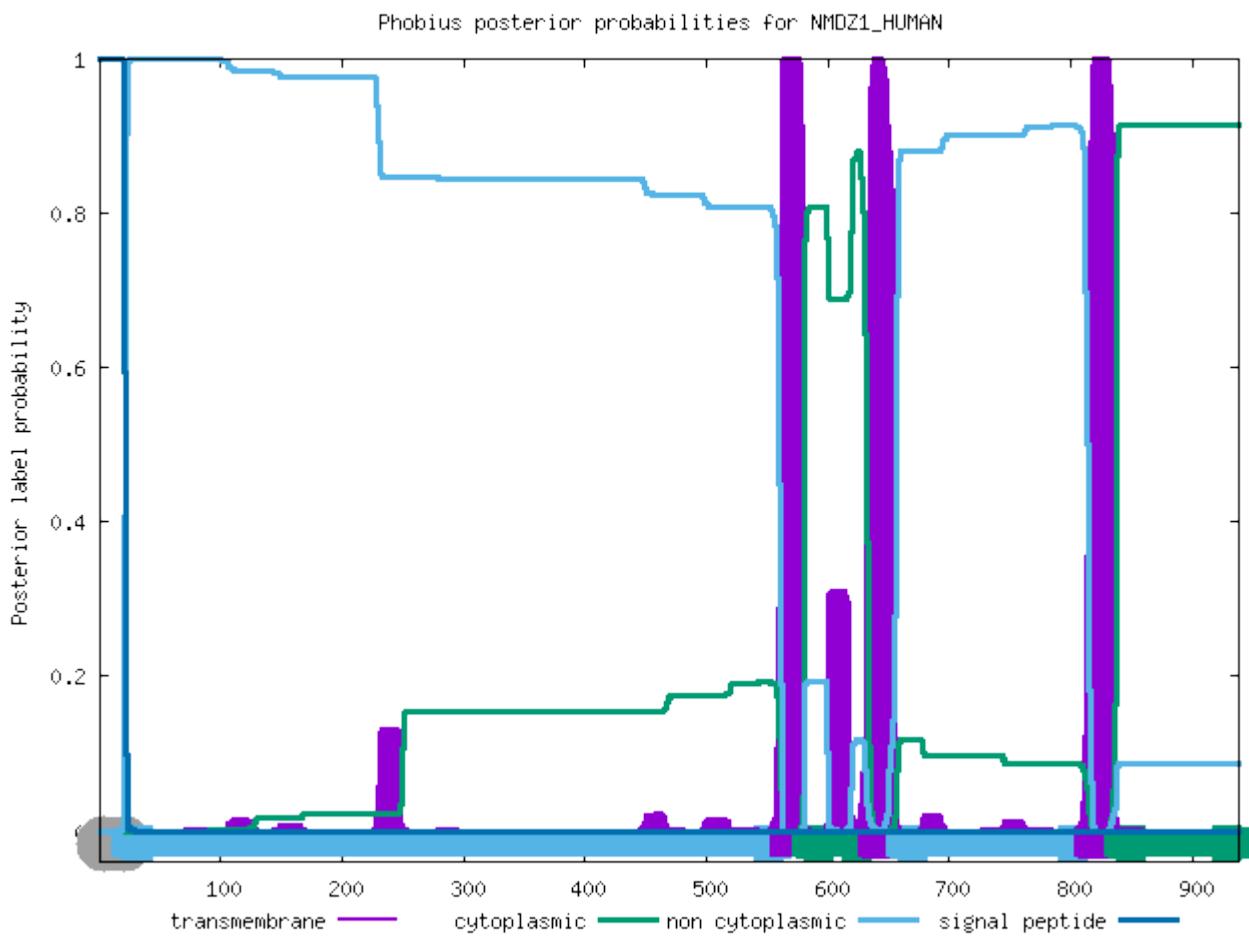
Phobius posterior probabilities for CAHM6_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NMDZ1_HUMAN

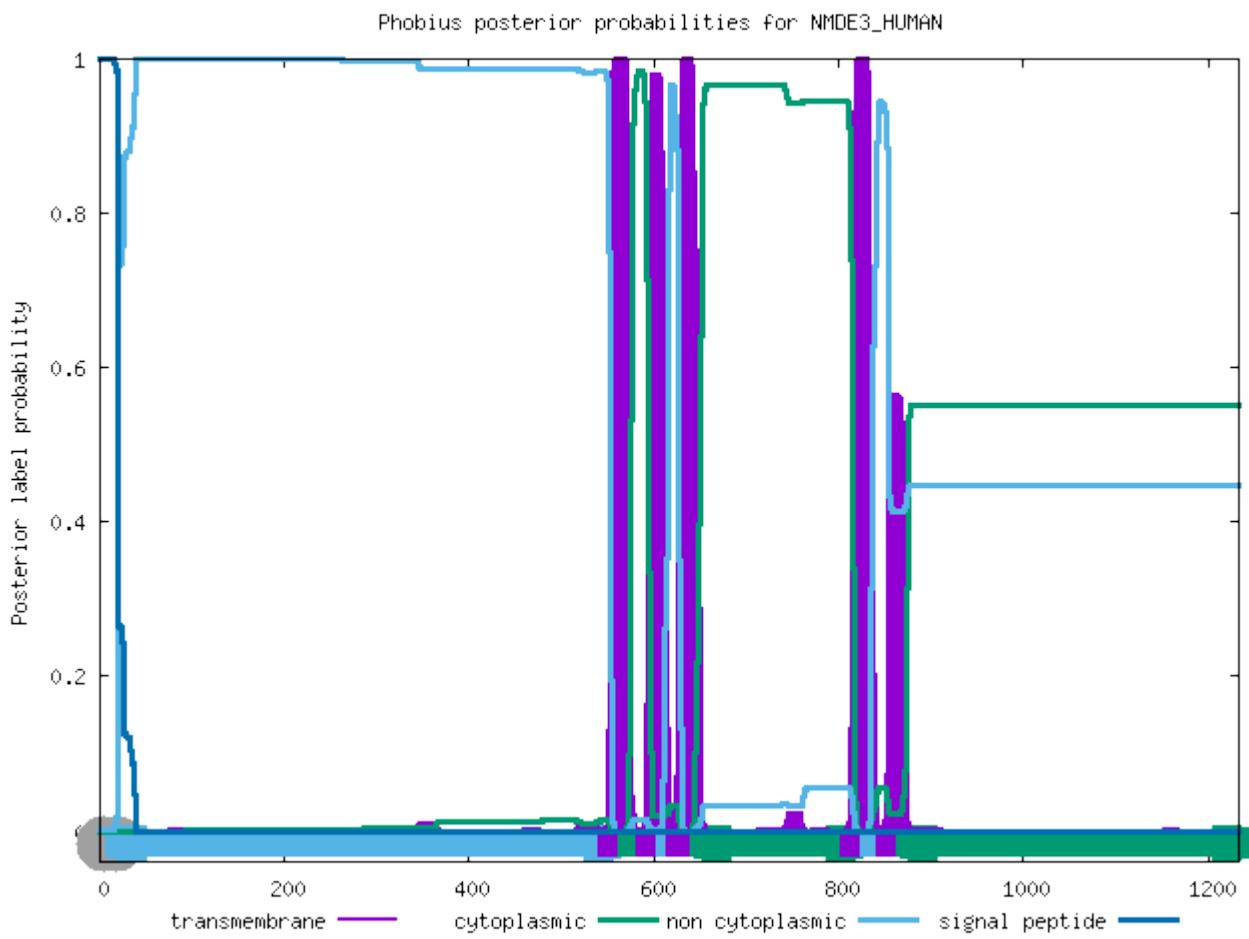
| ID | NMDZ1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 561 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 562 | 580 | |
| FT | TOPO_DOM | 581 | 634 | CYTOPLASMIC. |
| FT | TRANSMEM | 635 | 657 | |
| FT | TOPO_DOM | 658 | 812 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 813 | 837 | |
| FT | TOPO_DOM | 838 | 938 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NMDE3_HUMAN

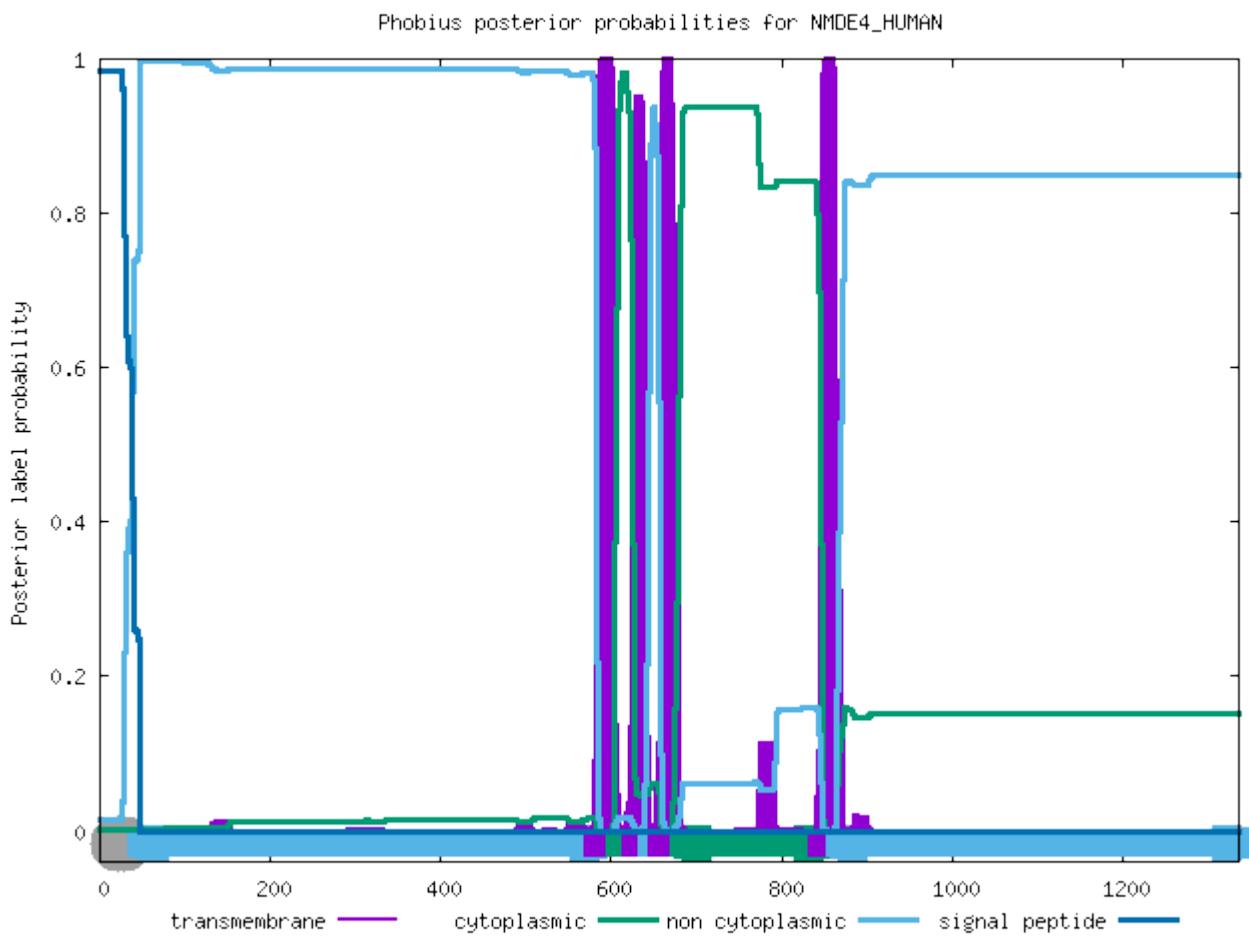
| ID | NMDE3_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 553 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 554 | 574 | |
| FT | TOPO_DOM | 575 | 594 | CYTOPLASMIC. |
| FT | TRANSMEM | 595 | 615 | |
| FT | TOPO_DOM | 616 | 626 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 627 | 652 | |
| FT | TOPO_DOM | 653 | 815 | CYTOPLASMIC. |
| FT | TRANSMEM | 816 | 835 | |
| FT | TOPO_DOM | 836 | 854 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 855 | 874 | |
| FT | TOPO_DOM | 875 | 1233 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NMDE4_HUMAN

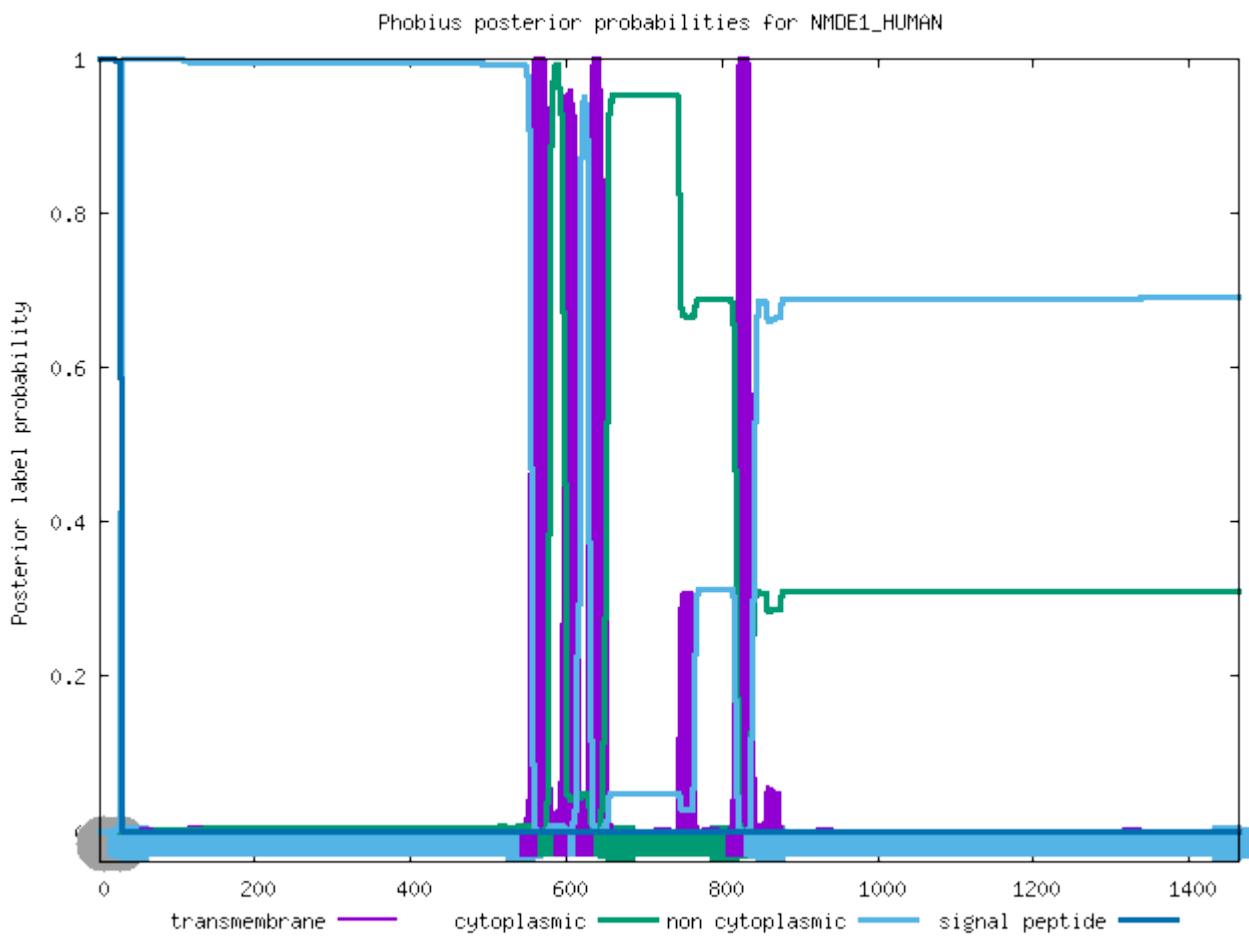
| ID | NMDE4_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 46 | |
| FT | REGION | 1 | 16 | N-REGION. |
| FT | REGION | 17 | 28 | H-REGION. |
| FT | REGION | 29 | 46 | C-REGION. |
| FT | TOPO_DOM | 47 | 583 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 584 | 607 | |
| FT | TOPO_DOM | 608 | 627 | CYTOPLASMIC. |
| FT | TRANSMEM | 628 | 645 | |
| FT | TOPO_DOM | 646 | 656 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 657 | 682 | |
| FT | TOPO_DOM | 683 | 845 | CYTOPLASMIC. |
| FT | TRANSMEM | 846 | 865 | |
| FT | TOPO_DOM | 866 | 1336 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NMDE1_HUMAN

| ID | NMDE1_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 6 | N-REGION. |
| FT | REGION | 7 | 18 | H-REGION. |
| FT | REGION | 19 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 556 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 557 | 579 | |
| FT | TOPO_DOM | 580 | 599 | CYTOPLASMIC. |
| FT | TRANSMEM | 600 | 617 | |
| FT | TOPO_DOM | 618 | 628 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 629 | 651 | |
| FT | TOPO_DOM | 652 | 819 | CYTOPLASMIC. |
| FT | TRANSMEM | 820 | 843 | |
| FT | TOPO_DOM | 844 | 1464 | NON CYTOPLASMIC. |
| // | | | | |

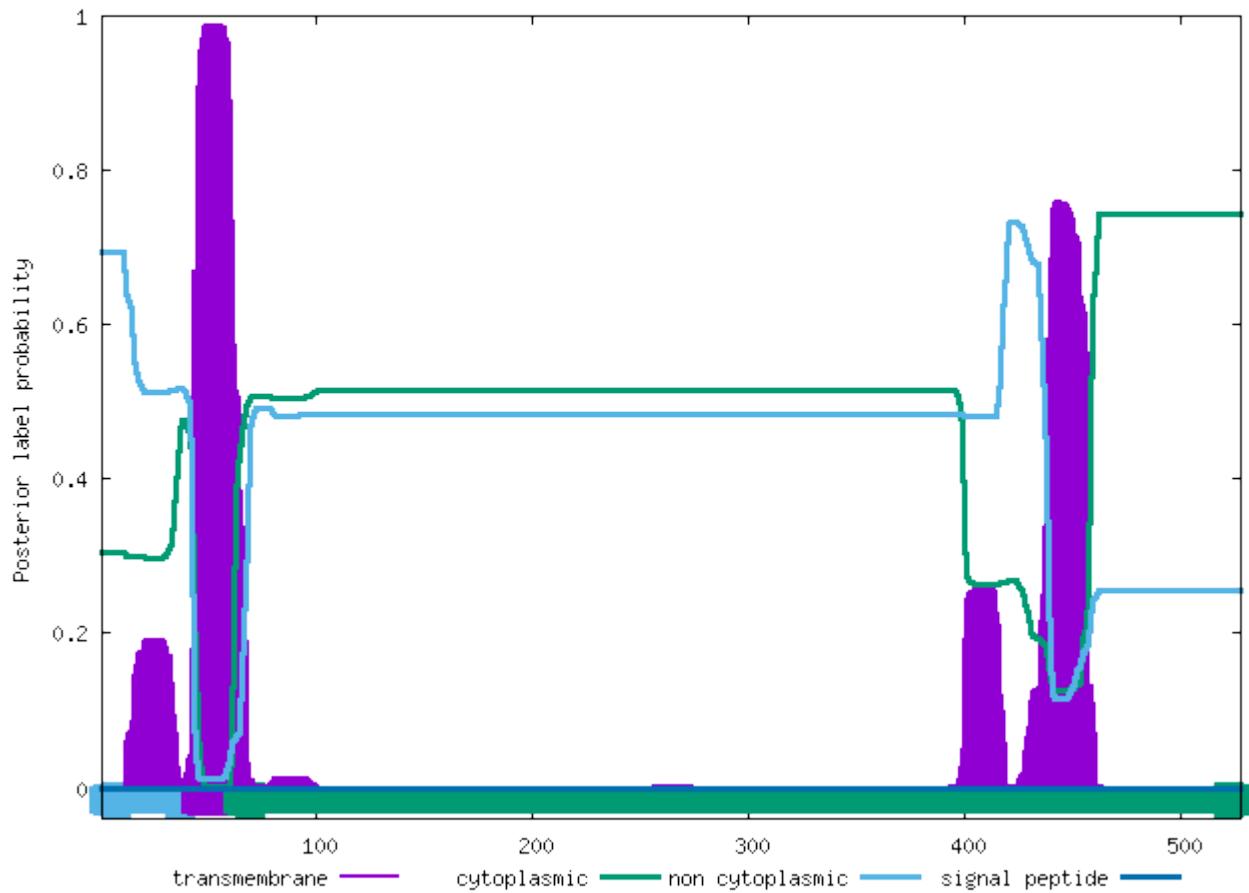


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ASIC1_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | ASIC1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 43 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 62 | |
| FT | TOPO_DOM | 63 | 528 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for ASIC1_HUMAN

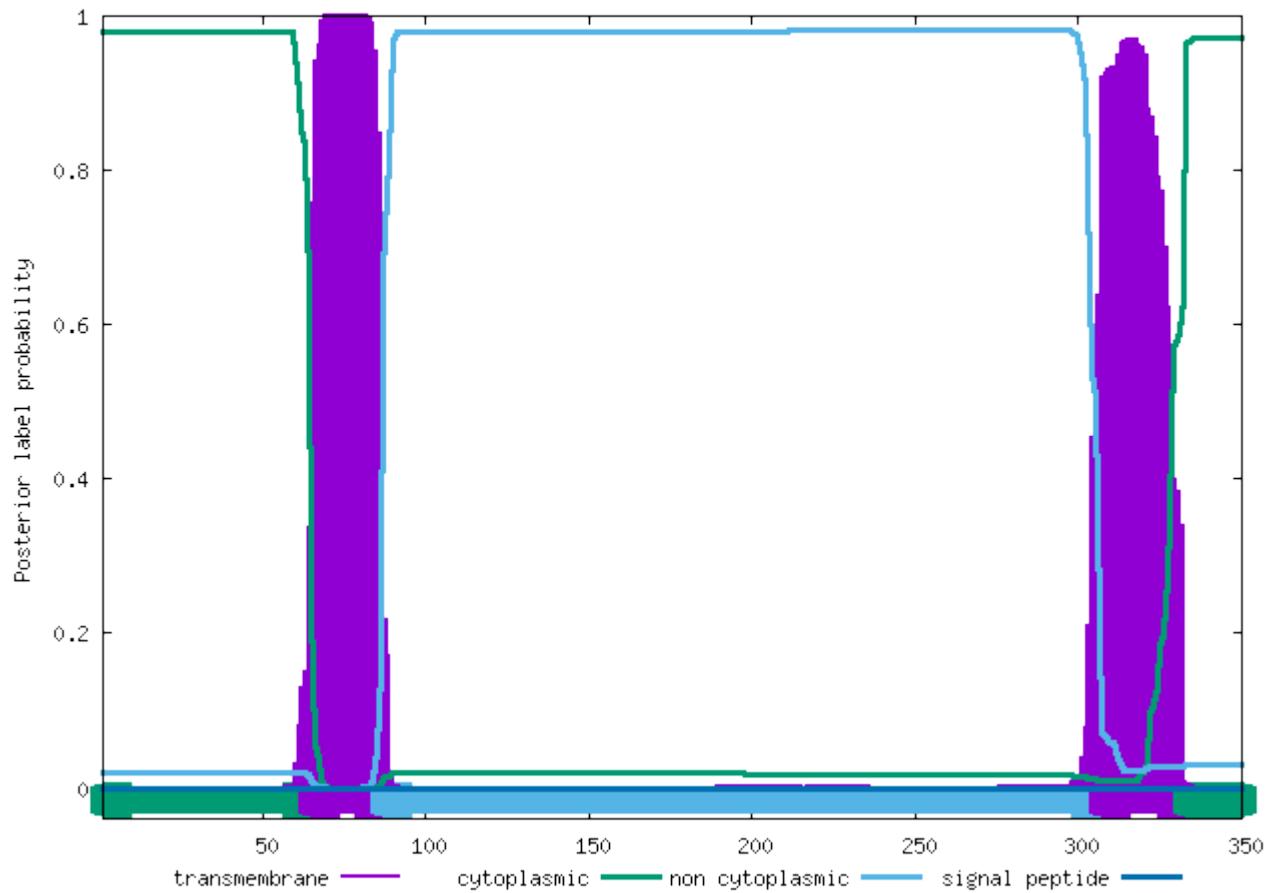


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PACC1_HUMAN

| ID | PACC1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 64 | CYTOPLASMIC. |
| FT | TRANSMEM | 65 | 86 | |
| FT | TOPO_DOM | 87 | 306 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 332 | |
| FT | TOPO_DOM | 333 | 350 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for PACC1_HUMAN

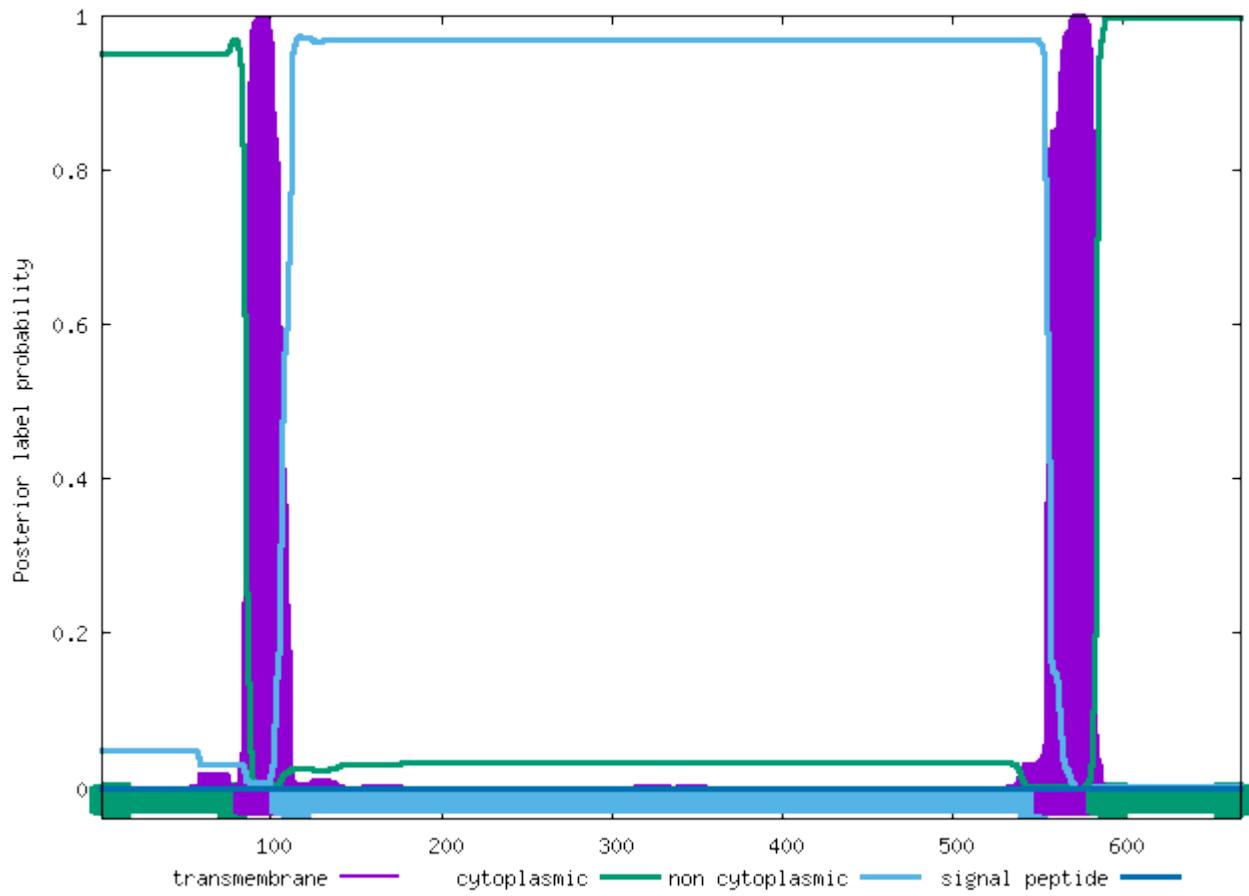


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCNNA_HUMAN

| ID | SCNNA_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 84 | CYTOPLASMIC. |
| FT | TRANSMEM | 85 | 106 | |
| FT | TOPO_DOM | 107 | 554 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 555 | 585 | |
| FT | TOPO_DOM | 586 | 669 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for SCNNA_HUMAN

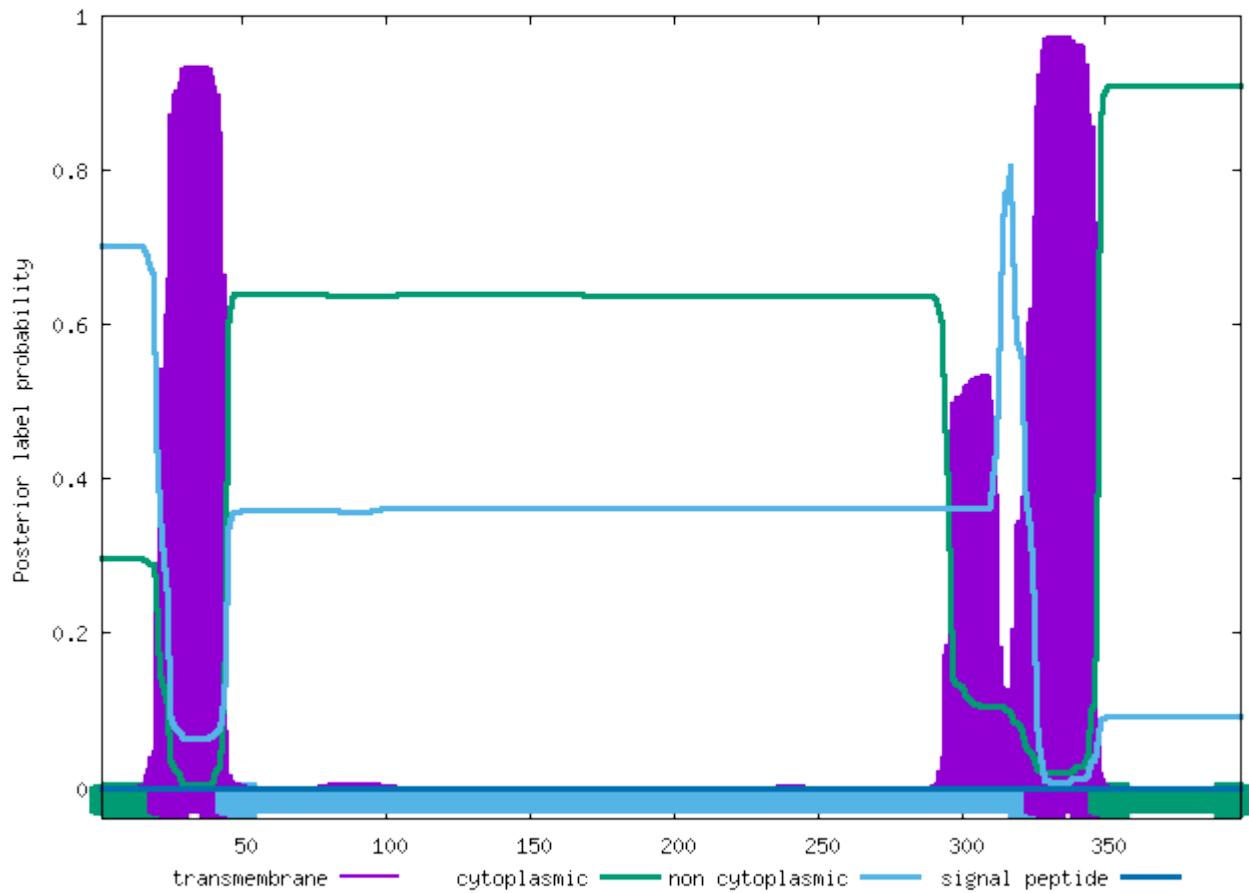


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of P2RX3_HUMAN

| | | | | |
|----|-------------|-----|-----|------------------|
| ID | P2RX3_HUMAN | | | |
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 44 | |
| FT | TOPO_DOM | 45 | 325 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 326 | 347 | |
| FT | TOPO_DOM | 348 | 397 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for P2RX3_HUMAN

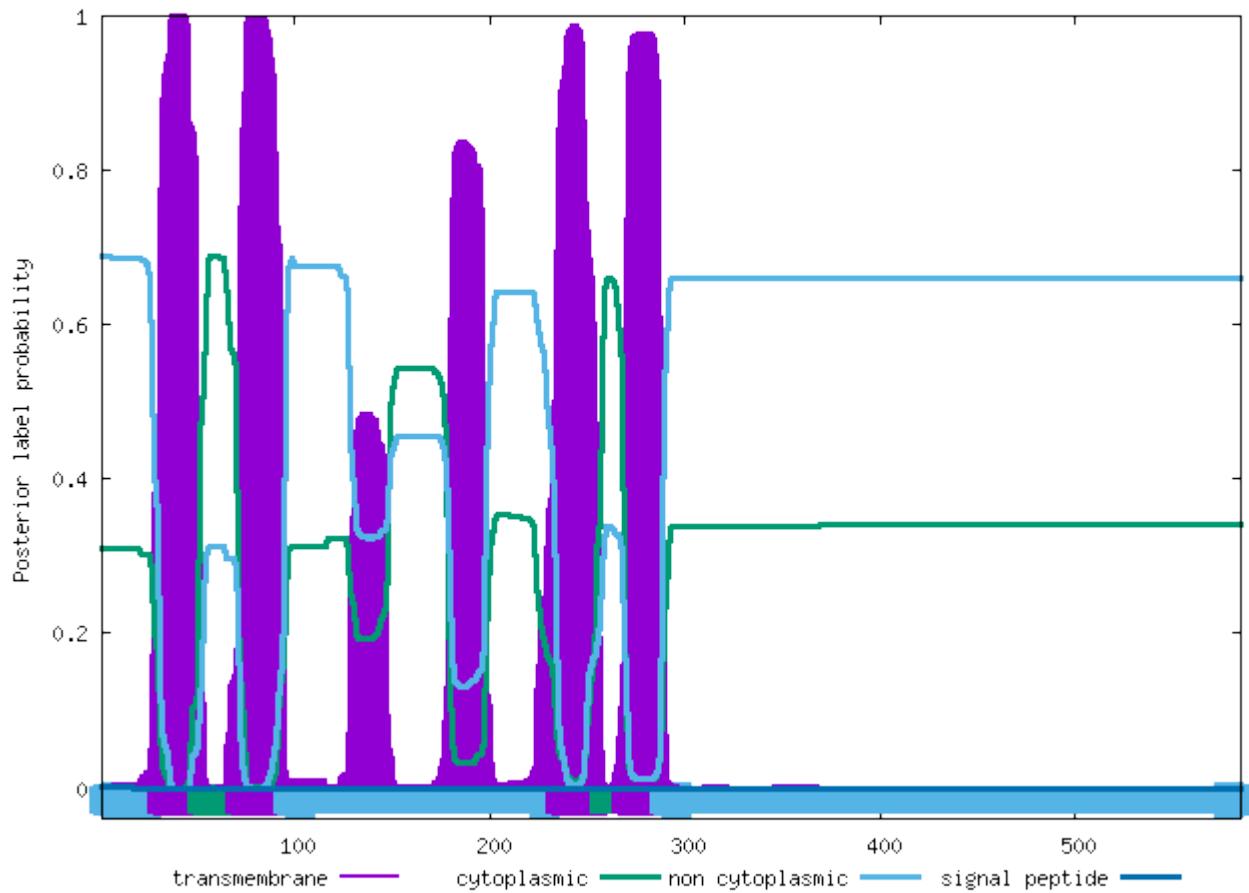


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BEST1_HUMAN

| ID | BEST1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 50 | |
| FT | TOPO_DOM | 51 | 70 | CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 94 | |
| FT | TOPO_DOM | 95 | 234 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 257 | |
| FT | TOPO_DOM | 258 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 287 | |
| FT | TOPO_DOM | 288 | 585 | NON CYTOPLASMIC. |
| // | | | | |

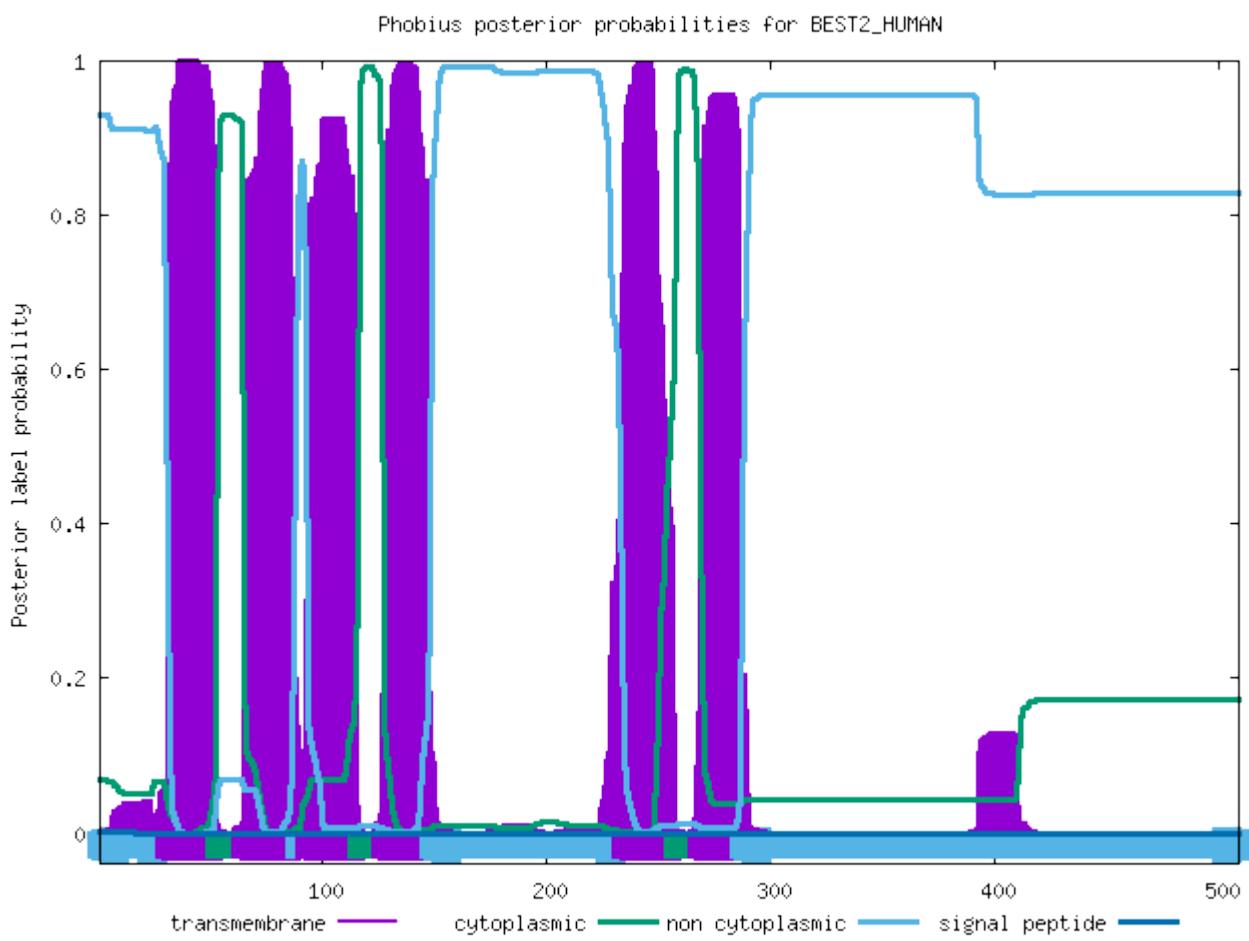
Phobius posterior probabilities for BEST1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BEST2_HUMAN

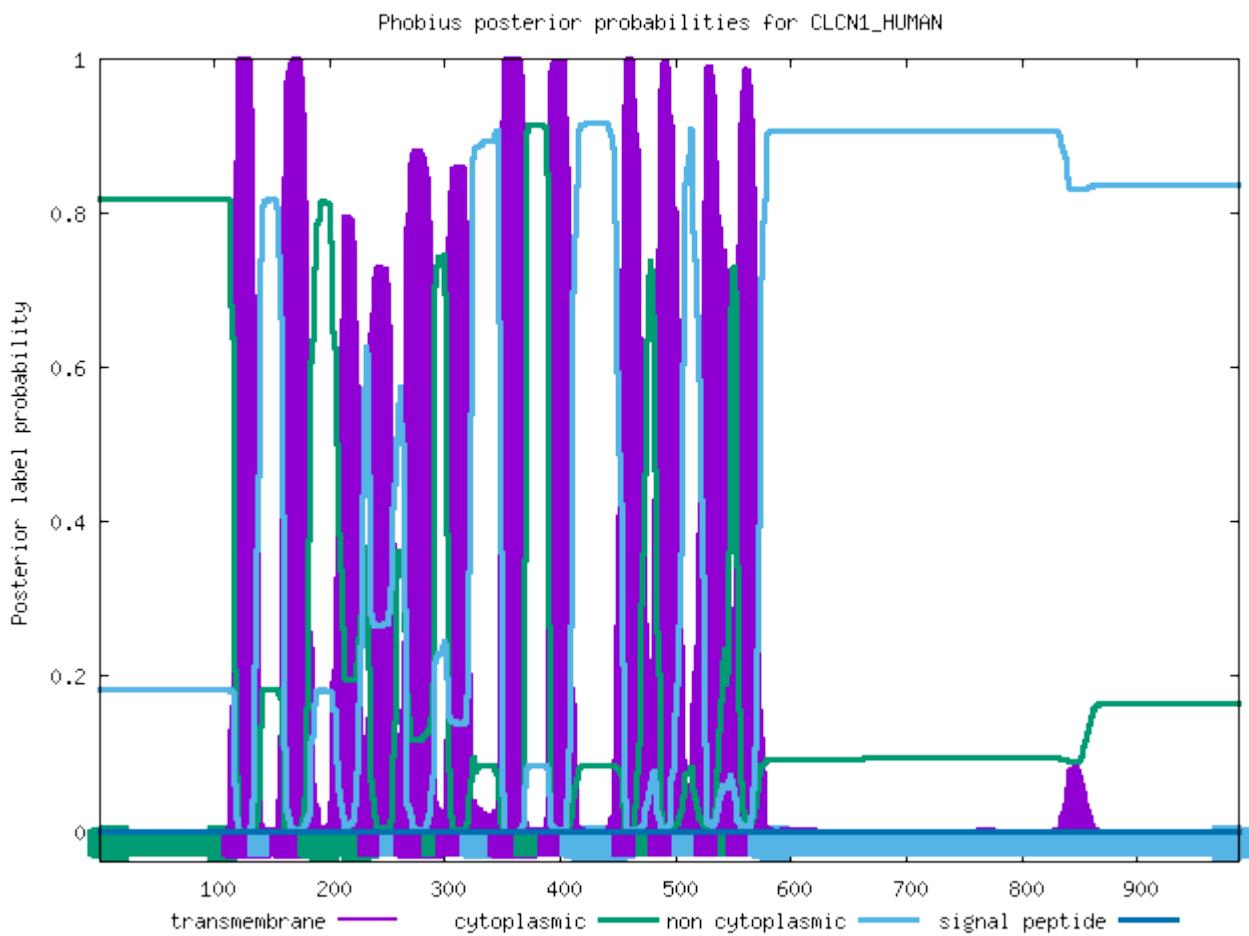
| ID | BEST2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 53 | |
| FT | TOPO_DOM | 54 | 64 | CYTOPLASMIC. |
| FT | TRANSMEM | 65 | 88 | |
| FT | TOPO_DOM | 89 | 93 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 94 | 116 | |
| FT | TOPO_DOM | 117 | 127 | CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 148 | |
| FT | TOPO_DOM | 149 | 234 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 257 | |
| FT | TOPO_DOM | 258 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 287 | |
| FT | TOPO_DOM | 288 | 509 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLCN1_HUMAN

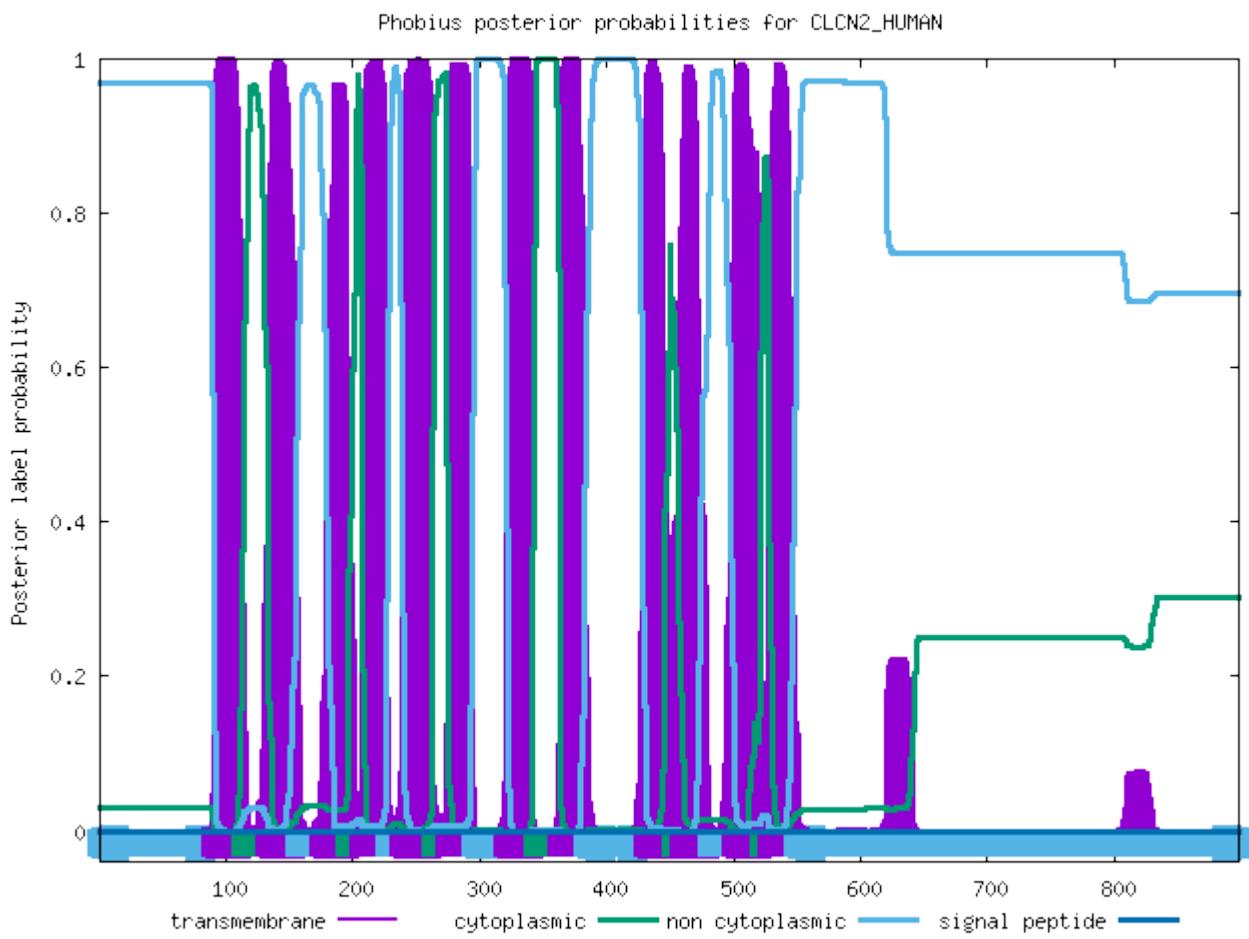
| ID | CLCN1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 158 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 159 | 182 | |
| FT | TOPO_DOM | 183 | 234 | CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 254 | |
| FT | TOPO_DOM | 255 | 265 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 290 | |
| FT | TOPO_DOM | 291 | 301 | CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 322 | |
| FT | TOPO_DOM | 323 | 347 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 348 | 370 | |
| FT | TOPO_DOM | 371 | 390 | CYTOPLASMIC. |
| FT | TRANSMEM | 391 | 410 | |
| FT | TOPO_DOM | 411 | 455 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 475 | |
| FT | TOPO_DOM | 476 | 486 | CYTOPLASMIC. |
| FT | TRANSMEM | 487 | 506 | |
| FT | TOPO_DOM | 507 | 525 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 526 | 547 | |
| FT | TOPO_DOM | 548 | 553 | CYTOPLASMIC. |
| FT | TRANSMEM | 554 | 573 | |
| FT | TOPO_DOM | 574 | 988 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLCN2_HUMAN

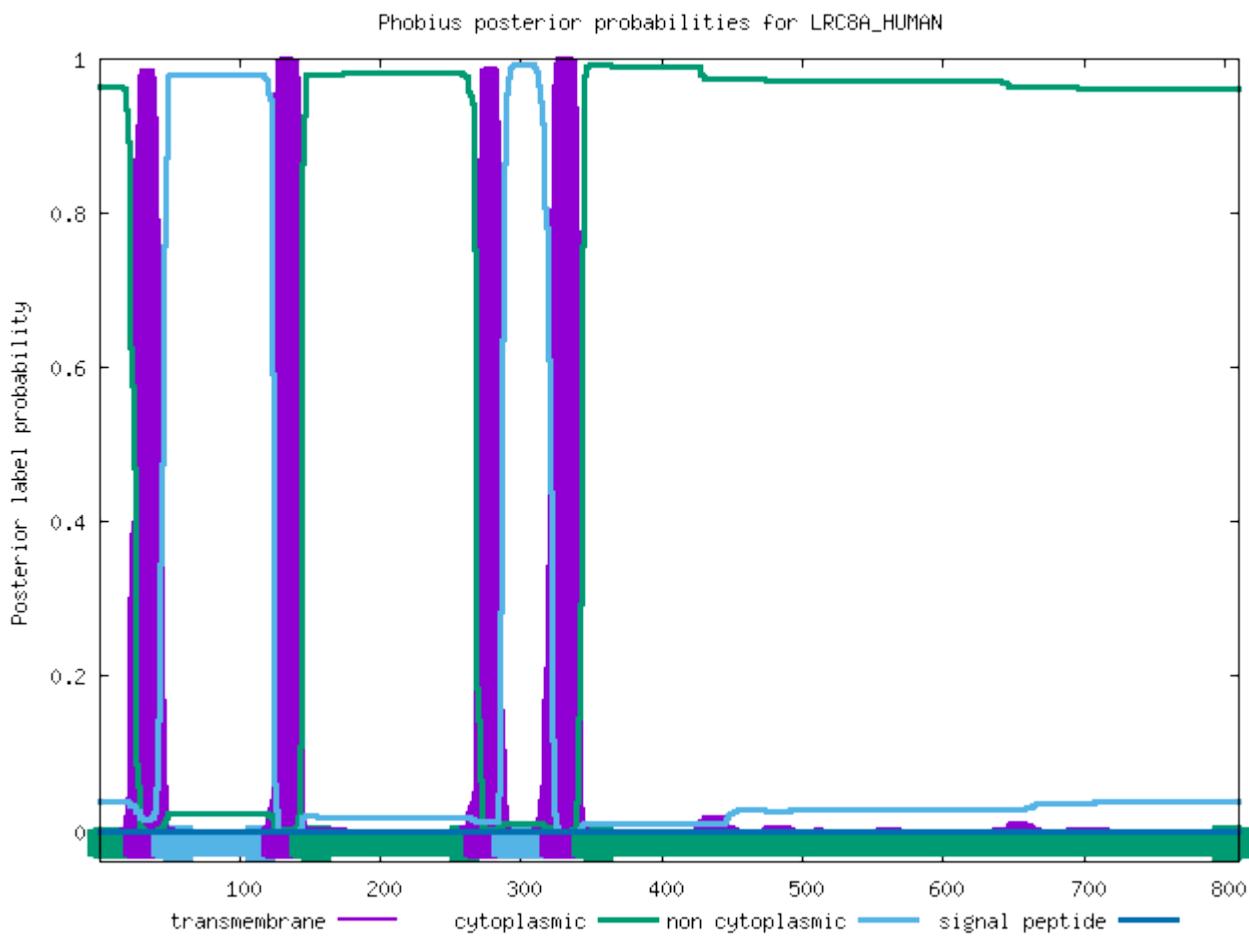
| ID | CLCN2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 90 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 113 | |
| FT | TOPO_DOM | 114 | 133 | CYTOPLASMIC. |
| FT | TRANSMEM | 134 | 156 | |
| FT | TOPO_DOM | 157 | 175 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 176 | 196 | |
| FT | TOPO_DOM | 197 | 207 | CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 227 | |
| FT | TOPO_DOM | 228 | 238 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 263 | |
| FT | TOPO_DOM | 264 | 274 | CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 295 | |
| FT | TOPO_DOM | 296 | 320 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 343 | |
| FT | TOPO_DOM | 344 | 363 | CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 383 | |
| FT | TOPO_DOM | 384 | 430 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 431 | 452 | |
| FT | TOPO_DOM | 453 | 458 | CYTOPLASMIC. |
| FT | TRANSMEM | 459 | 481 | |
| FT | TOPO_DOM | 482 | 500 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 501 | 522 | |
| FT | TOPO_DOM | 523 | 528 | CYTOPLASMIC. |
| FT | TRANSMEM | 529 | 548 | |
| FT | TOPO_DOM | 549 | 898 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LRC8A_HUMAN

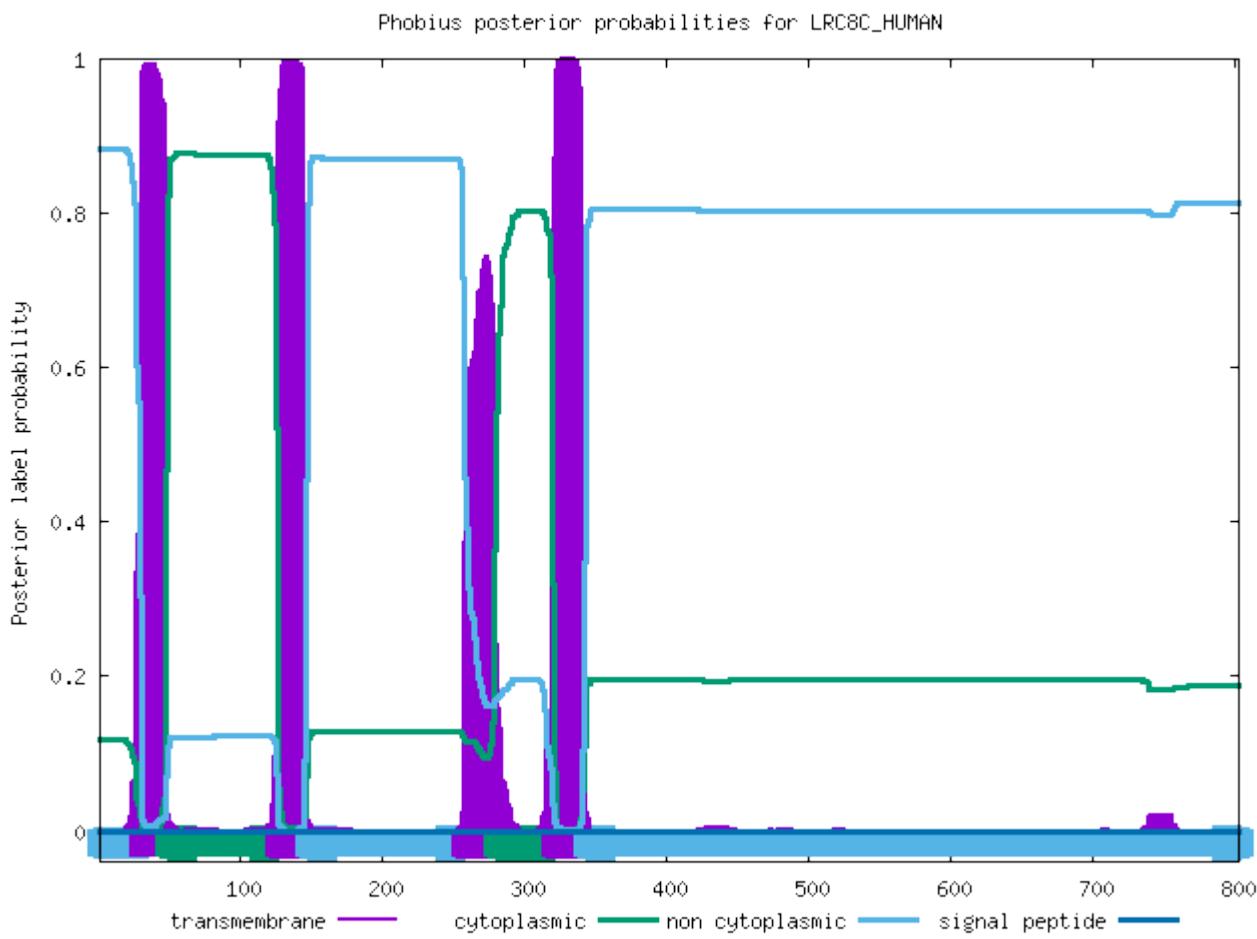
| ID | LRC8A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 45 | |
| FT | TOPO_DOM | 46 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 144 | |
| FT | TOPO_DOM | 145 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 287 | |
| FT | TOPO_DOM | 288 | 321 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 322 | 344 | |
| FT | TOPO_DOM | 345 | 810 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LRC8C_HUMAN

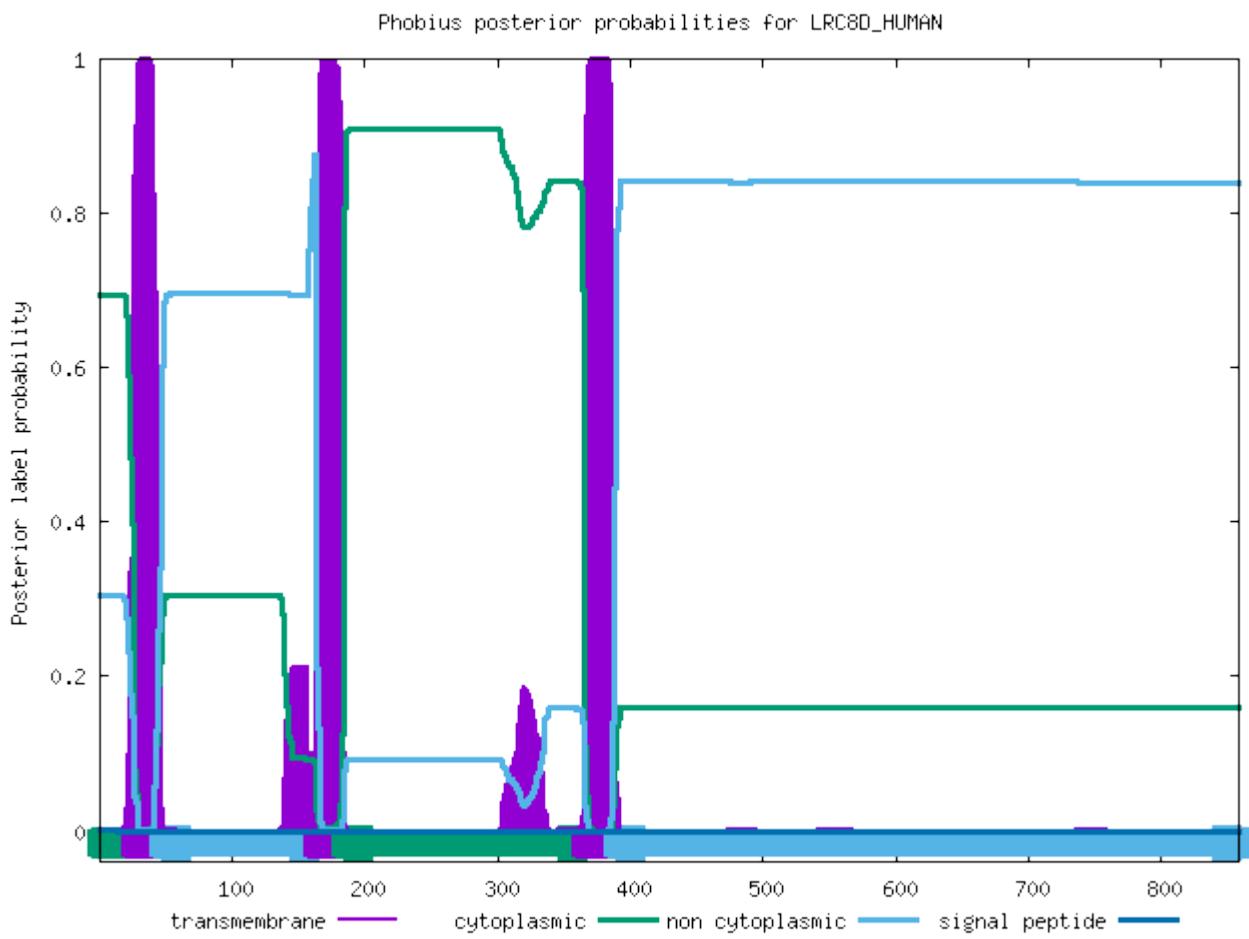
| ID | LRC8C_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 48 | |
| FT | TOPO_DOM | 49 | 125 | CYTOPLASMIC. |
| FT | TRANSMEM | 126 | 146 | |
| FT | TOPO_DOM | 147 | 256 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 279 | |
| FT | TOPO_DOM | 280 | 320 | CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 342 | |
| FT | TOPO_DOM | 343 | 803 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LRC8D_HUMAN

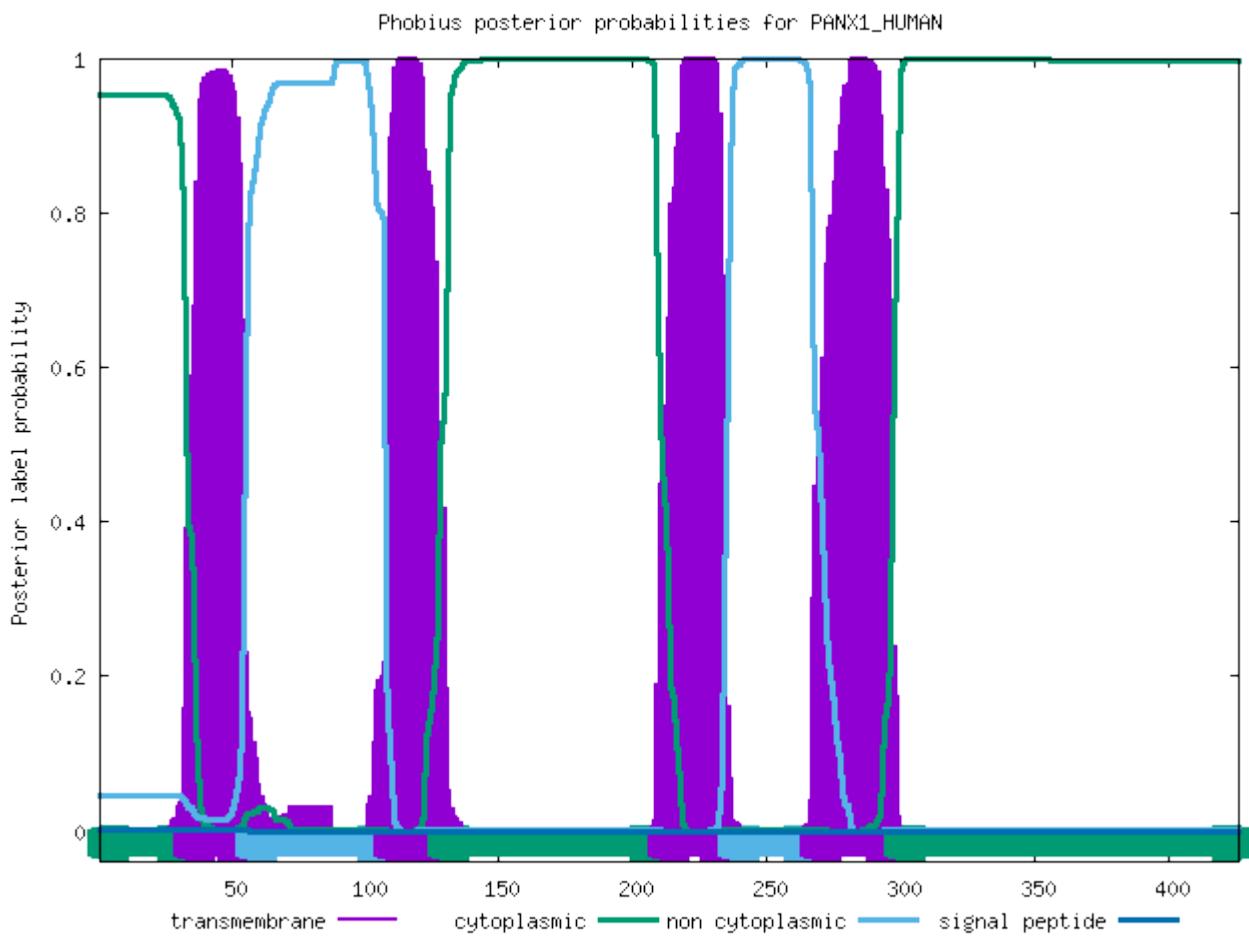
| ID | LRC8D_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 47 | |
| FT | TOPO_DOM | 48 | 163 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 184 | |
| FT | TOPO_DOM | 185 | 365 | CYTOPLASMIC. |
| FT | TRANSMEM | 366 | 388 | |
| FT | TOPO_DOM | 389 | 858 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PANX1_HUMAN

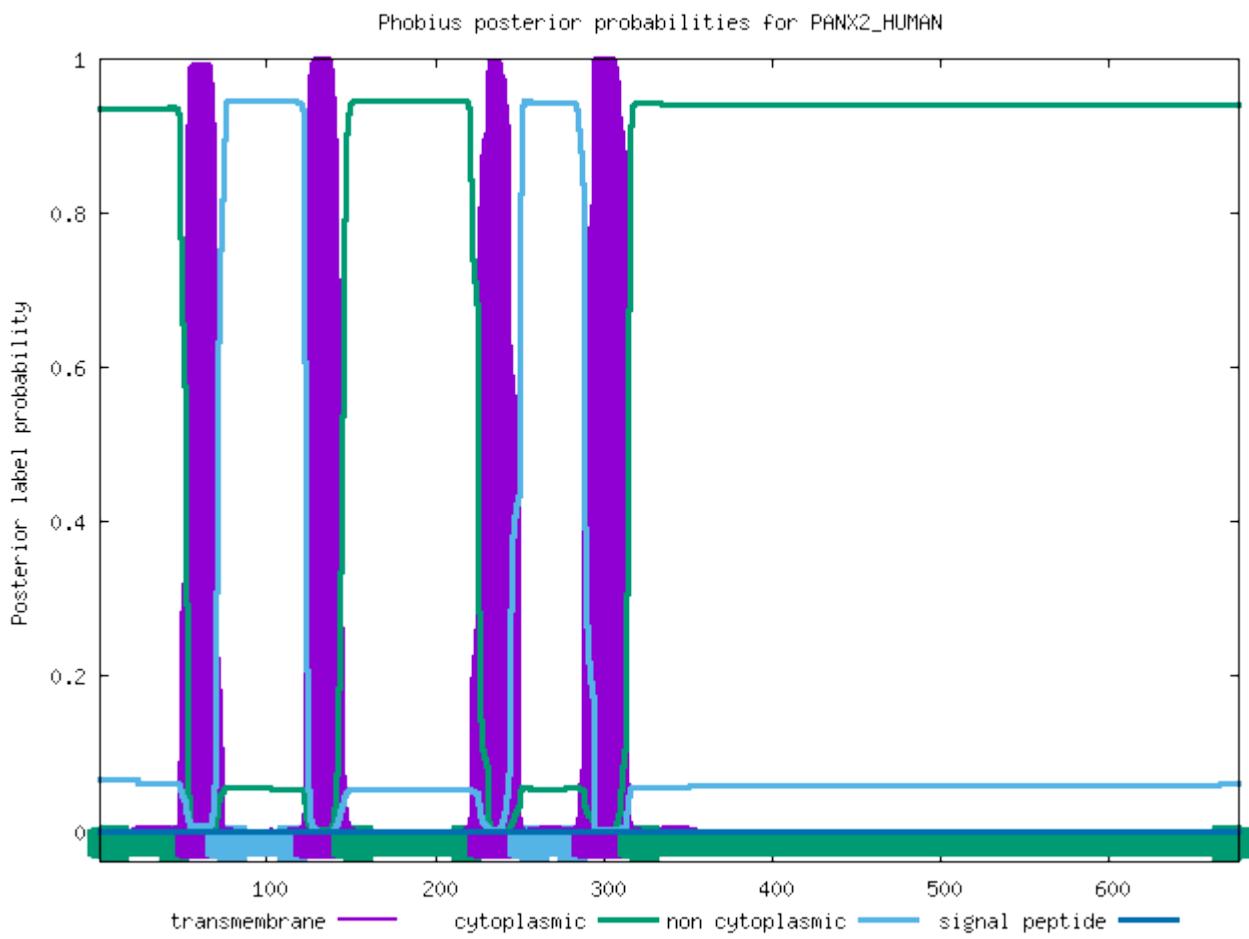
| ID | PANX1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 32 | CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 55 | |
| FT | TOPO_DOM | 56 | 107 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 127 | |
| FT | TOPO_DOM | 128 | 209 | CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 235 | |
| FT | TOPO_DOM | 236 | 266 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 297 | |
| FT | TOPO_DOM | 298 | 426 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PANX2_HUMAN

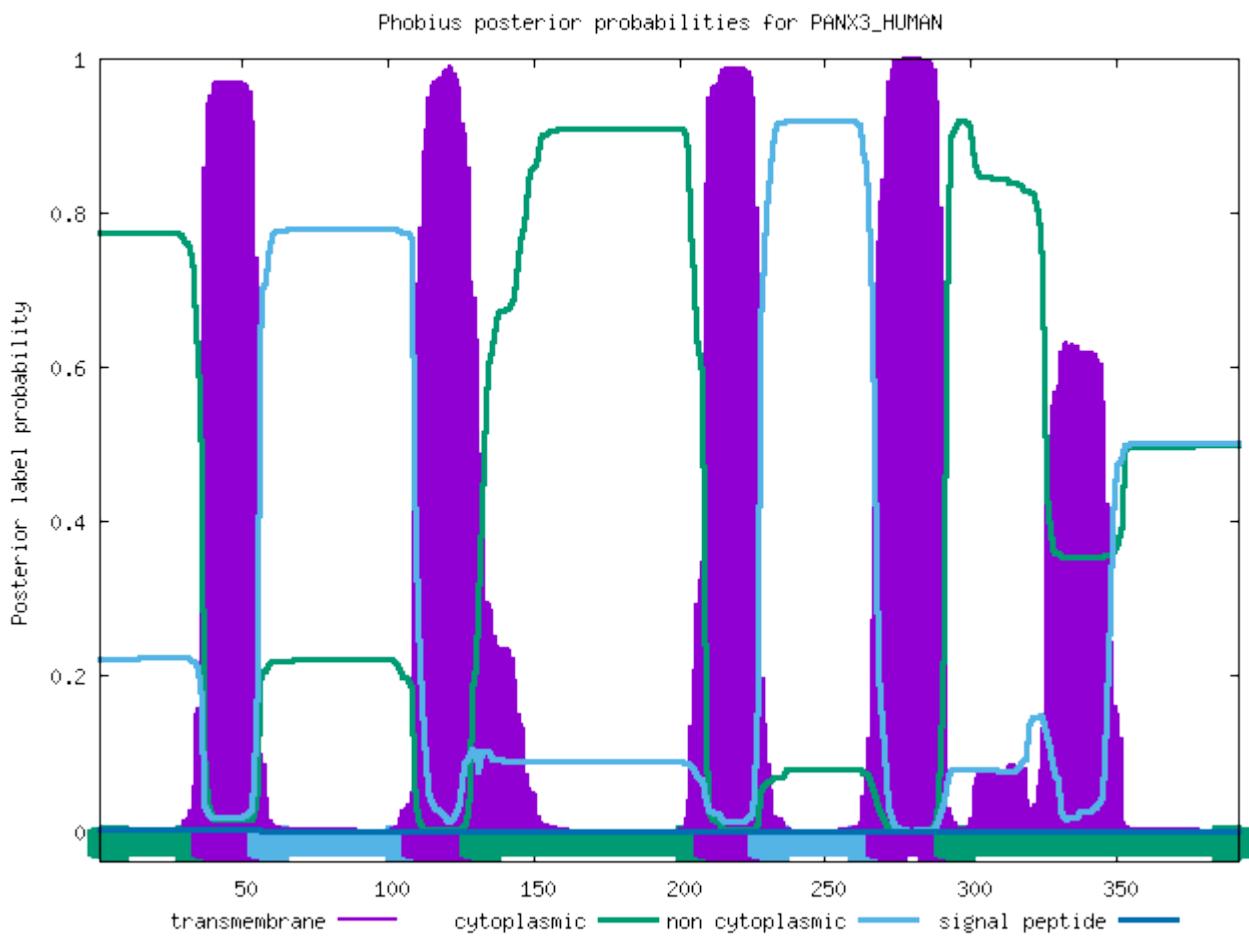
| ID | PANX2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 52 | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 70 | |
| FT | TOPO_DOM | 71 | 122 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 145 | |
| FT | TOPO_DOM | 146 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 250 | |
| FT | TOPO_DOM | 251 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 315 | |
| FT | TOPO_DOM | 316 | 677 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PANX3_HUMAN

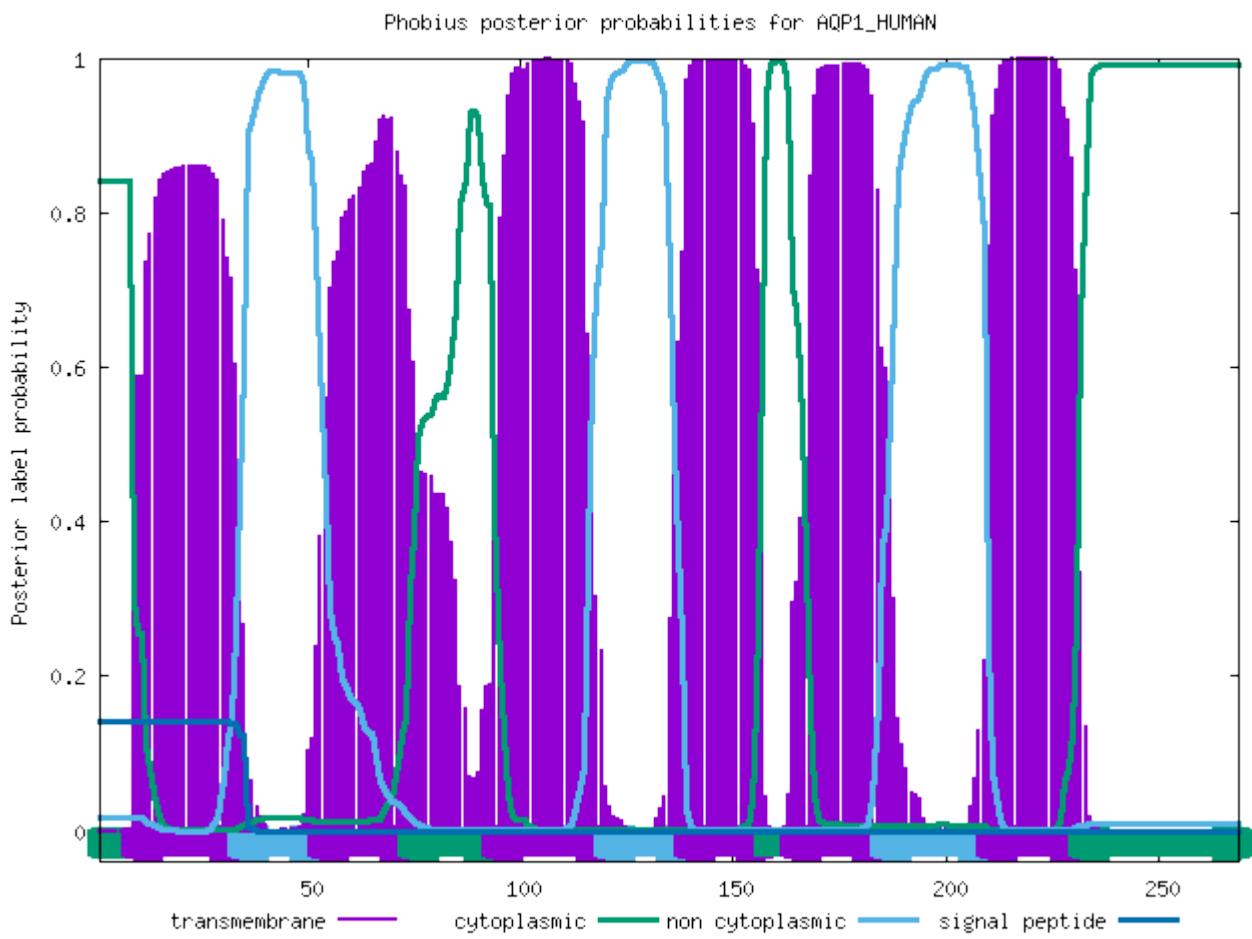
| ID | PANX3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 36 | CYTOPLASMIC. |
| FT | TRANSMEM | 37 | 55 | |
| FT | TOPO_DOM | 56 | 108 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 109 | 128 | |
| FT | TOPO_DOM | 129 | 208 | CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 227 | |
| FT | TOPO_DOM | 228 | 267 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 291 | |
| FT | TOPO_DOM | 292 | 392 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP1_HUMAN

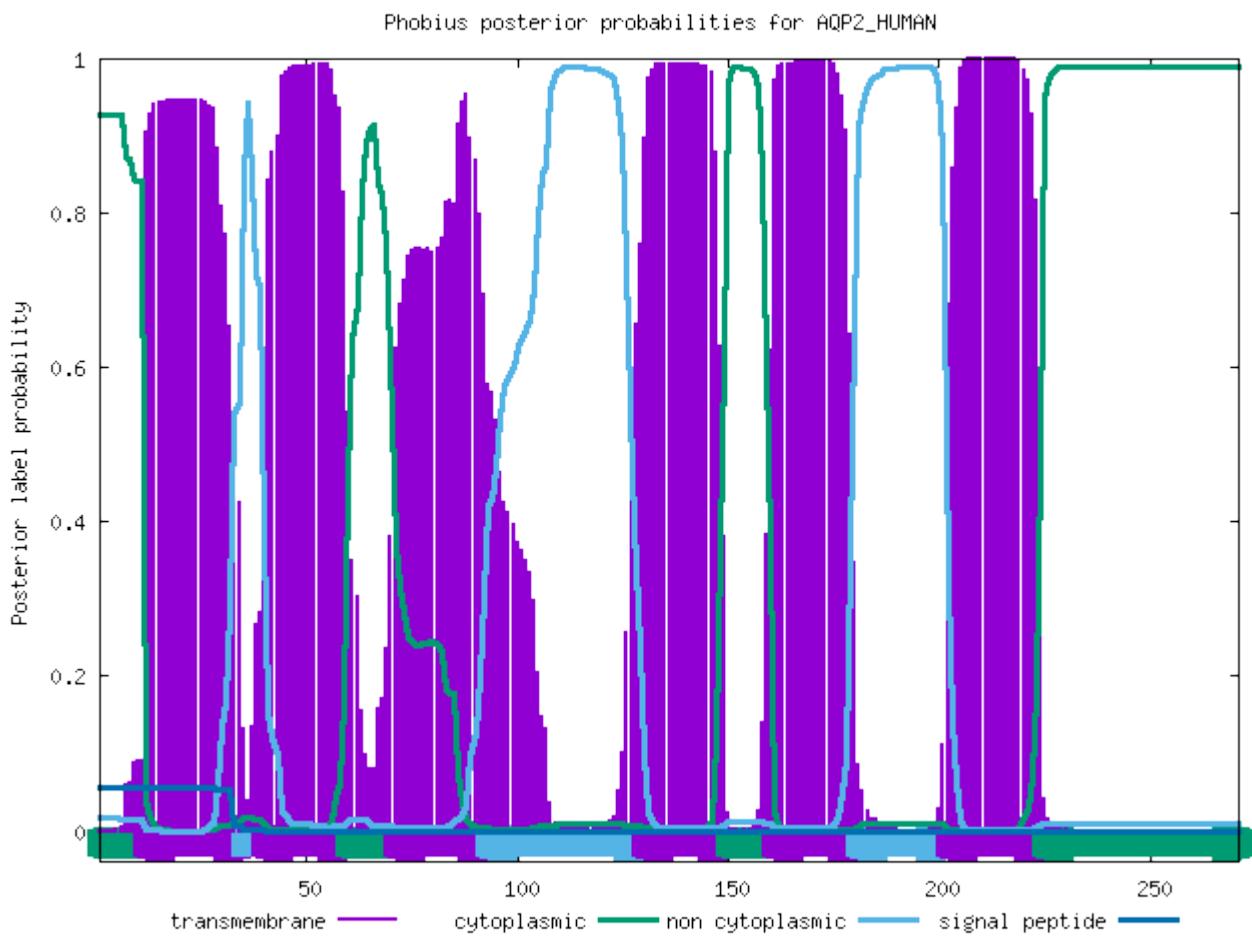
| ID | AQP1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 8 | CYTOPLASMIC. |
| FT | TRANSMEM | 9 | 33 | |
| FT | TOPO_DOM | 34 | 52 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 73 | |
| FT | TOPO_DOM | 74 | 93 | CYTOPLASMIC. |
| FT | TRANSMEM | 94 | 119 | |
| FT | TOPO_DOM | 120 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 157 | |
| FT | TOPO_DOM | 158 | 163 | CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 184 | |
| FT | TOPO_DOM | 185 | 209 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 231 | |
| FT | TOPO_DOM | 232 | 269 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP2_HUMAN

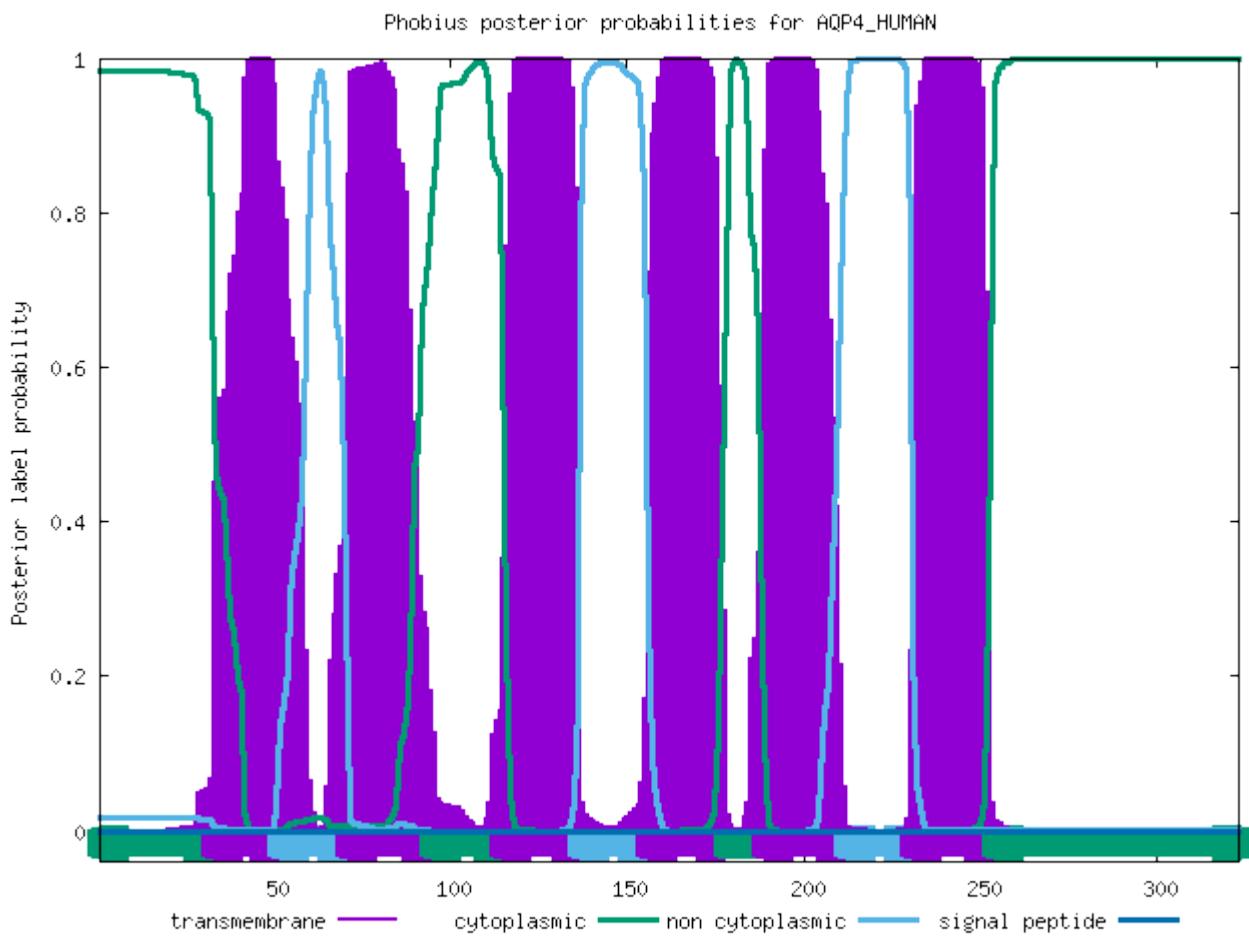
| ID | AQP2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 34 | |
| FT | TOPO_DOM | 35 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 59 | |
| FT | TOPO_DOM | 60 | 70 | CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 92 | |
| FT | TOPO_DOM | 93 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 149 | |
| FT | TOPO_DOM | 150 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 180 | |
| FT | TOPO_DOM | 181 | 201 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 224 | |
| FT | TOPO_DOM | 225 | 271 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP4_HUMAN

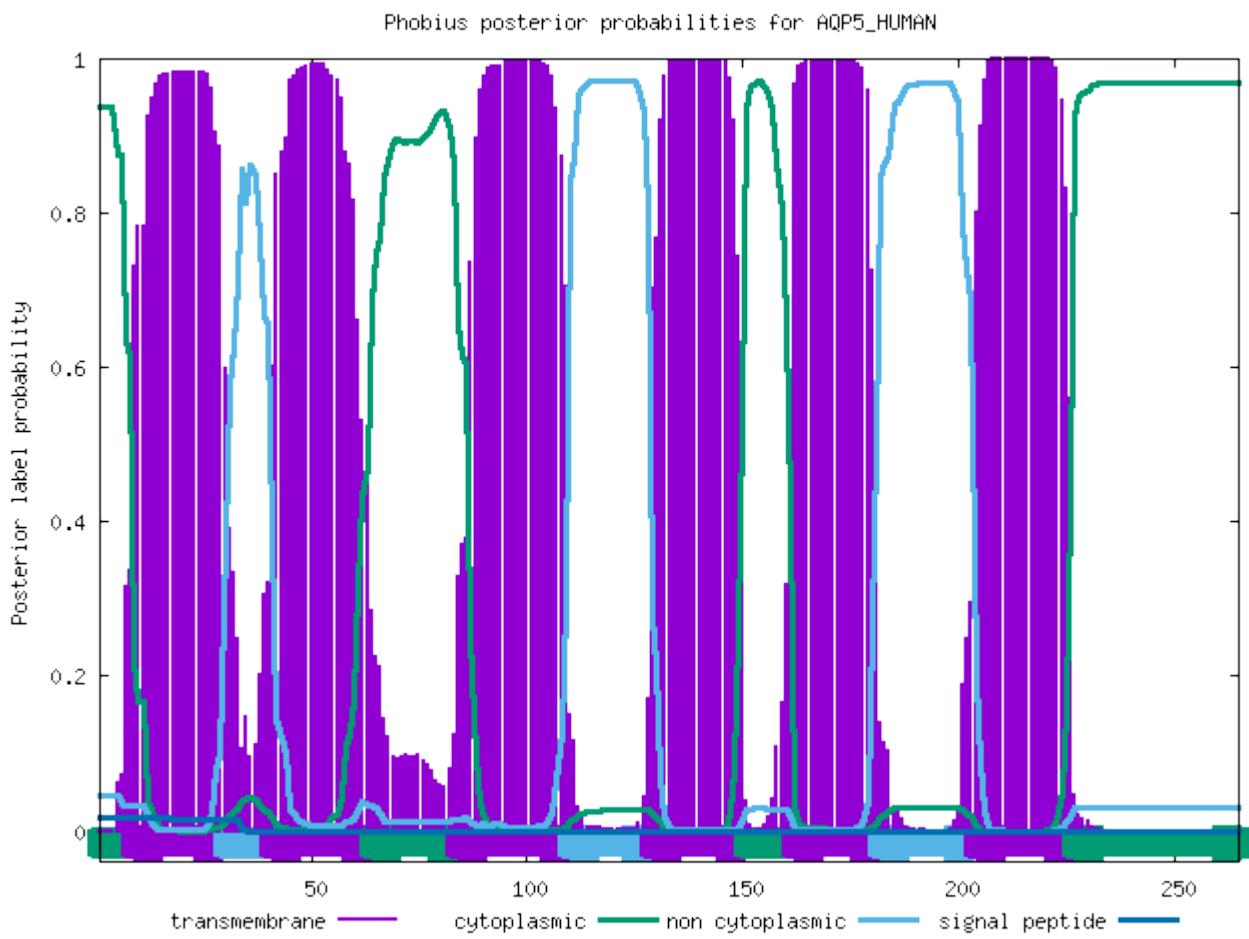
| ID | AQP4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 32 | CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 51 | |
| FT | TOPO_DOM | 52 | 70 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 94 | |
| FT | TOPO_DOM | 95 | 114 | CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 136 | |
| FT | TOPO_DOM | 137 | 155 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 177 | |
| FT | TOPO_DOM | 178 | 188 | CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 211 | |
| FT | TOPO_DOM | 212 | 230 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 253 | |
| FT | TOPO_DOM | 254 | 323 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP5_HUMAN

| ID | AQP5_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 8 | CYTOPLASMIC. |
| FT | TRANSMEM | 9 | 29 | |
| FT | TOPO_DOM | 30 | 40 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 63 | |
| FT | TOPO_DOM | 64 | 83 | CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 109 | |
| FT | TOPO_DOM | 110 | 128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 150 | |
| FT | TOPO_DOM | 151 | 161 | CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 181 | |
| FT | TOPO_DOM | 182 | 203 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 204 | 226 | |
| FT | TOPO_DOM | 227 | 265 | CYTOPLASMIC. |
| // | | | | |

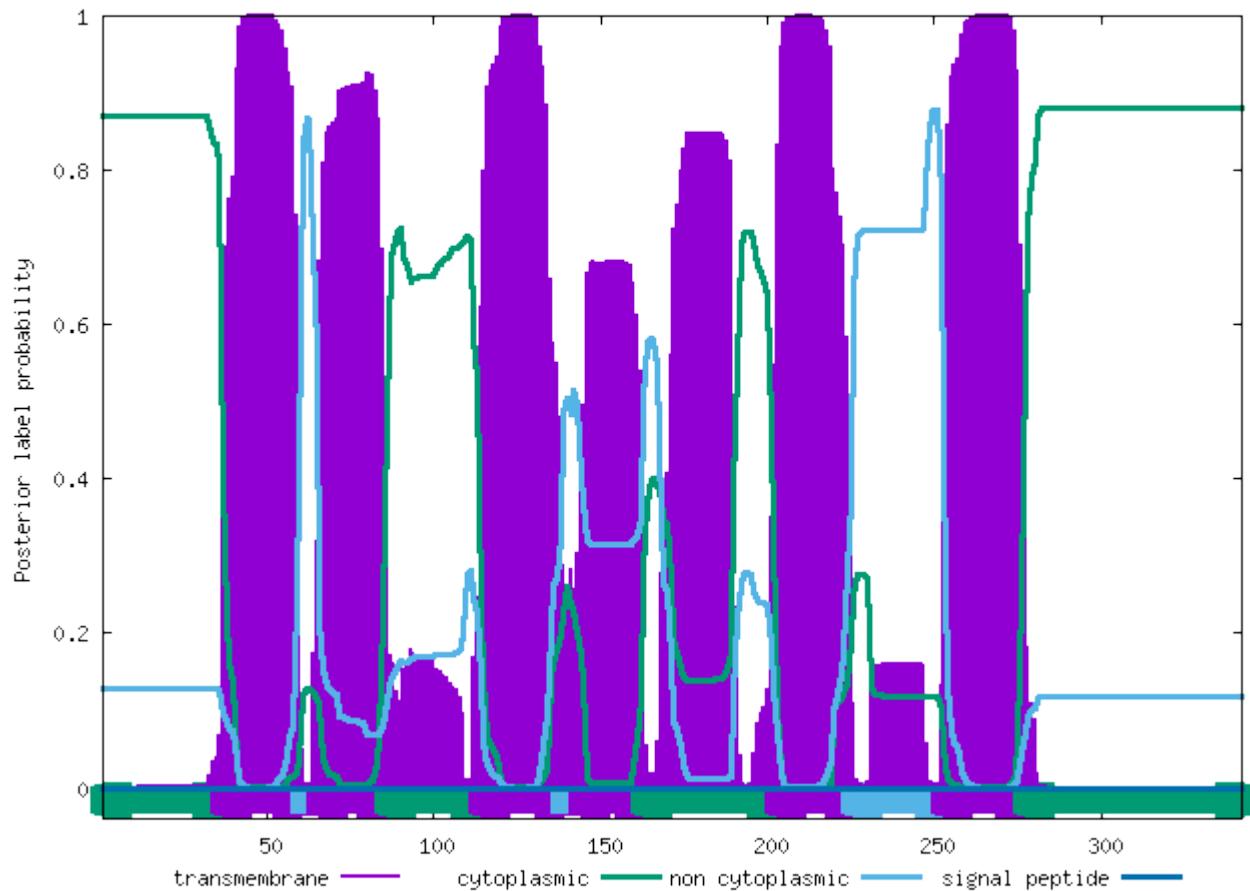


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP7_HUMAN

| ID | AQP7_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 36 | CYTOPLASMIC. |
| FT | TRANSMEM | 37 | 60 | |
| FT | TOPO_DOM | 61 | 65 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 85 | |
| FT | TOPO_DOM | 86 | 113 | CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 138 | |
| FT | TOPO_DOM | 139 | 143 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 162 | |
| FT | TOPO_DOM | 163 | 202 | CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 225 | |
| FT | TOPO_DOM | 226 | 252 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 276 | |
| FT | TOPO_DOM | 277 | 342 | CYTOPLASMIC. |
| // | | | | |

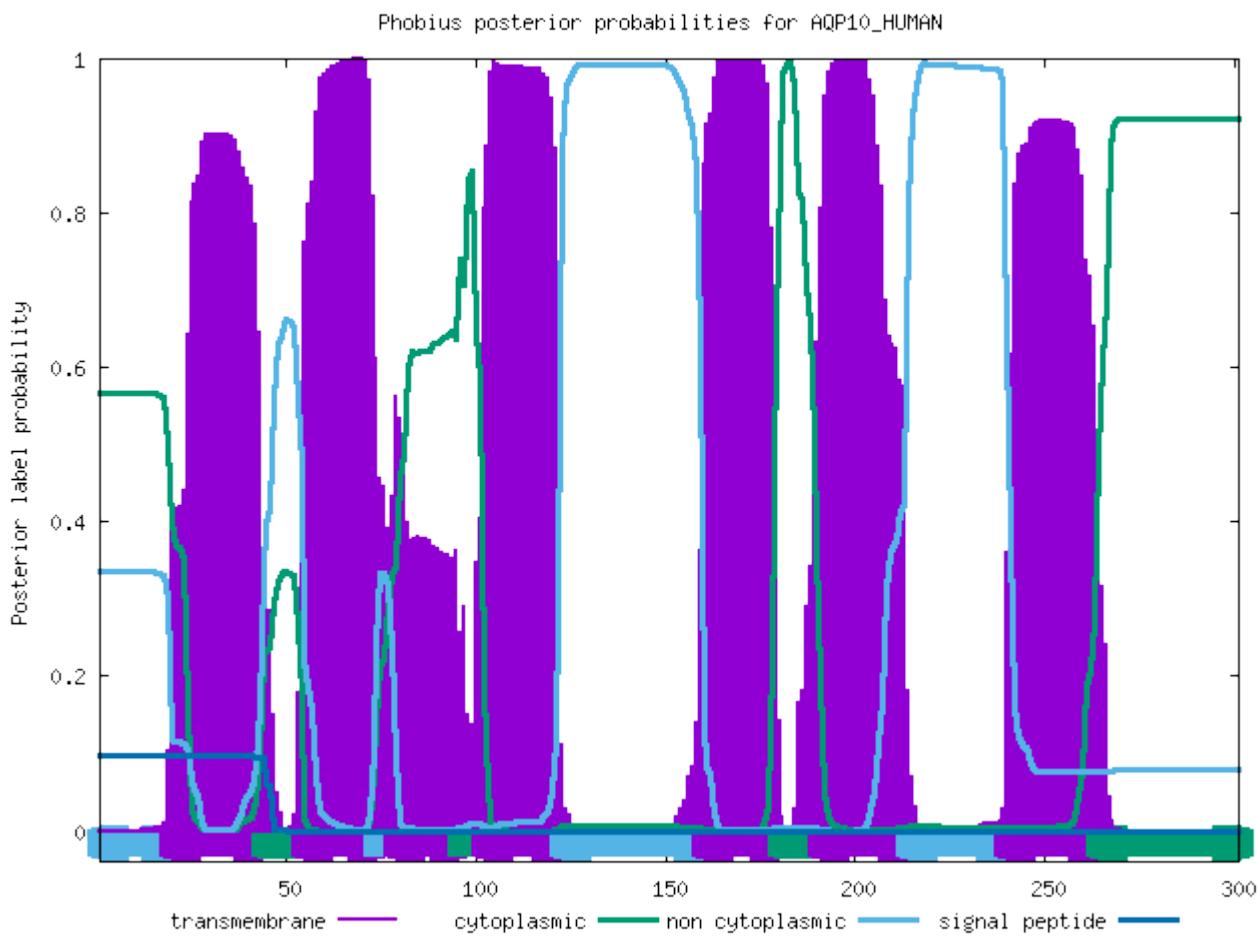
Phobius posterior probabilities for AQP7_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AQP10_HUMAN

| ID | AQP10_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 43 | |
| FT | TOPO_DOM | 44 | 54 | CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 73 | |
| FT | TOPO_DOM | 74 | 78 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 95 | |
| FT | TOPO_DOM | 96 | 101 | CYTOPLASMIC. |
| FT | TRANSMEM | 102 | 122 | |
| FT | TOPO_DOM | 123 | 159 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 179 | |
| FT | TOPO_DOM | 180 | 190 | CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 213 | |
| FT | TOPO_DOM | 214 | 239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 240 | 263 | |
| FT | TOPO_DOM | 264 | 301 | CYTOPLASMIC. |
| // | | | | |

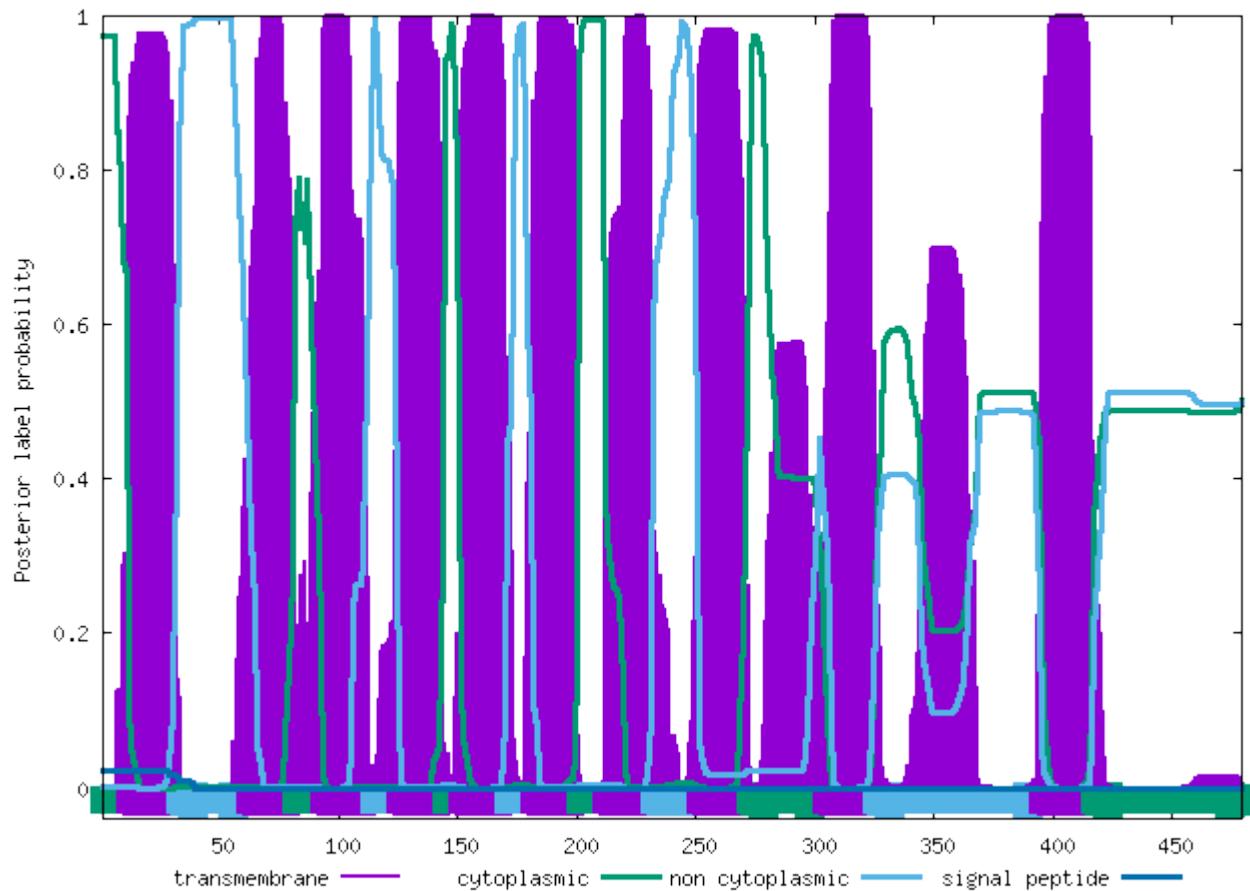


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RHCG_HUMAN

| ID | RHCG_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 32 | |
| FT | TOPO_DOM | 33 | 61 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 81 | |
| FT | TOPO_DOM | 82 | 92 | CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 113 | |
| FT | TOPO_DOM | 114 | 124 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 125 | 144 | |
| FT | TOPO_DOM | 145 | 150 | CYTOPLASMIC. |
| FT | TRANSMEM | 151 | 170 | |
| FT | TOPO_DOM | 171 | 181 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 200 | |
| FT | TOPO_DOM | 201 | 211 | CYTOPLASMIC. |
| FT | TRANSMEM | 212 | 231 | |
| FT | TOPO_DOM | 232 | 250 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 271 | |
| FT | TOPO_DOM | 272 | 303 | CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 324 | |
| FT | TOPO_DOM | 325 | 394 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 395 | 416 | |
| FT | TOPO_DOM | 417 | 479 | CYTOPLASMIC. |
| // | | | | |

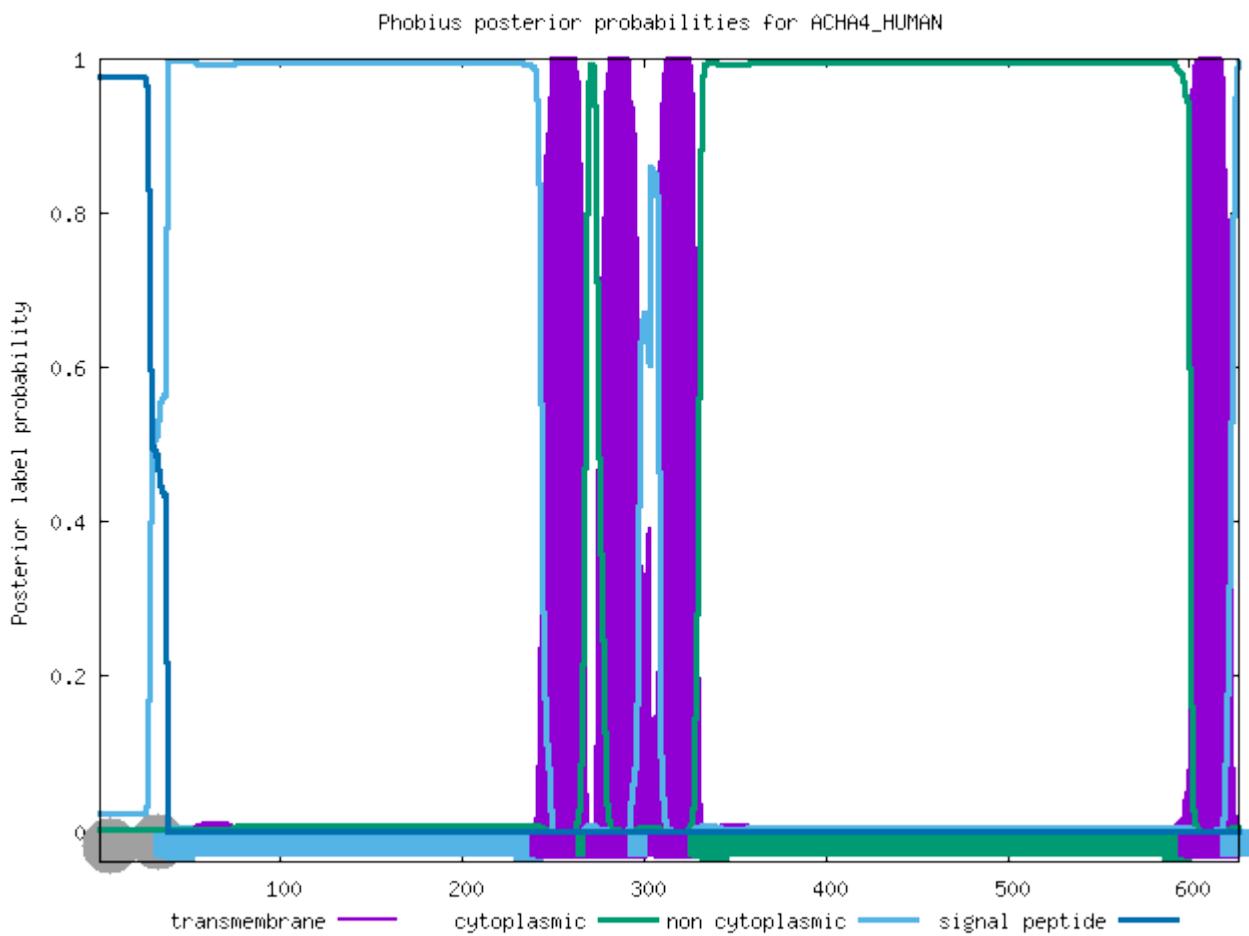
Phobius posterior probabilities for RHCG_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACHA4_HUMAN

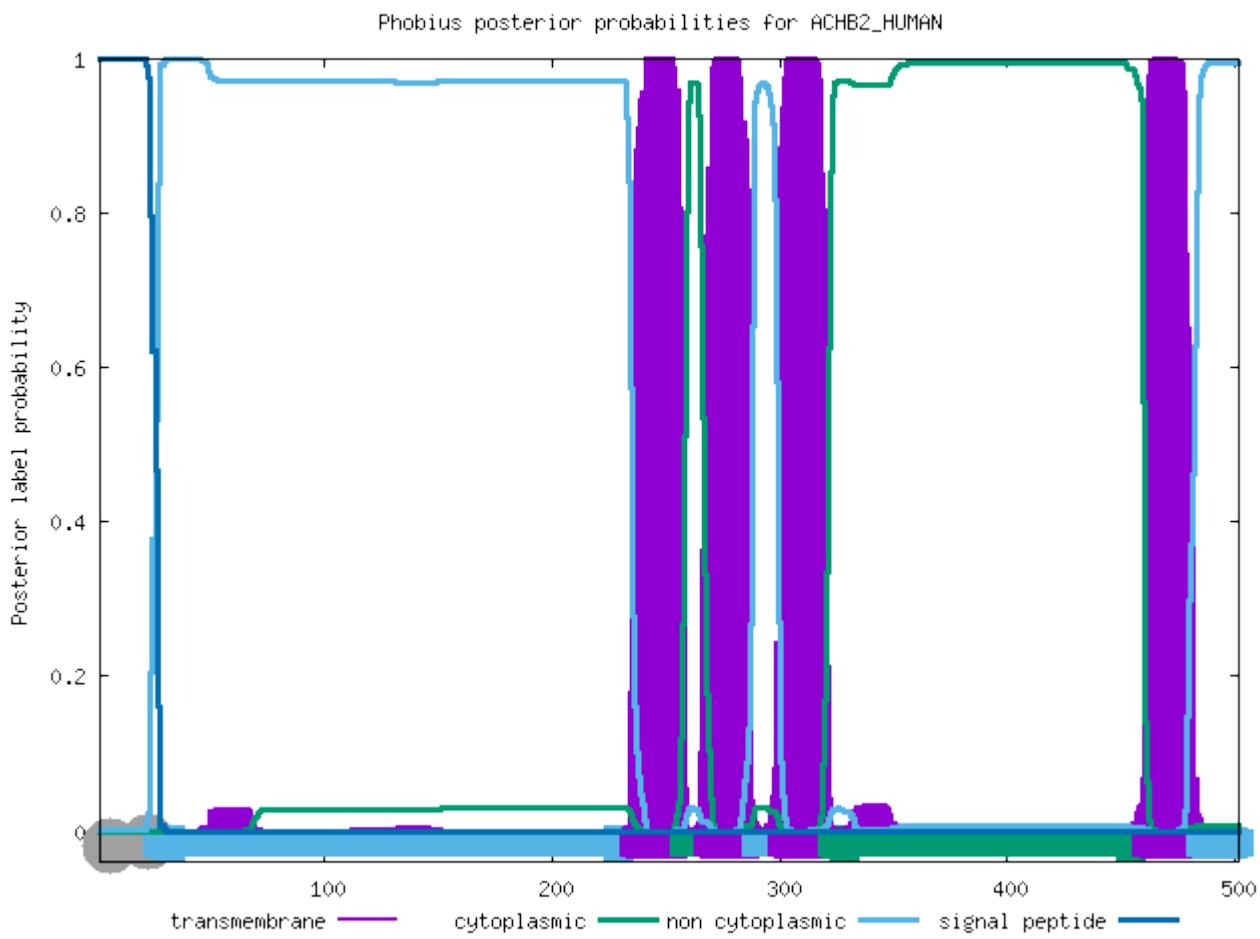
| ID | ACHA4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 36 | |
| FT | REGION | 1 | 10 | N-REGION. |
| FT | REGION | 11 | 24 | H-REGION. |
| FT | REGION | 25 | 36 | C-REGION. |
| FT | TOPO_DOM | 37 | 243 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 244 | 268 | |
| FT | TOPO_DOM | 269 | 274 | CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 297 | |
| FT | TOPO_DOM | 298 | 308 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 309 | 330 | |
| FT | TOPO_DOM | 331 | 600 | CYTOPLASMIC. |
| FT | TRANSMEM | 601 | 623 | |
| FT | TOPO_DOM | 624 | 627 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACHB2_HUMAN

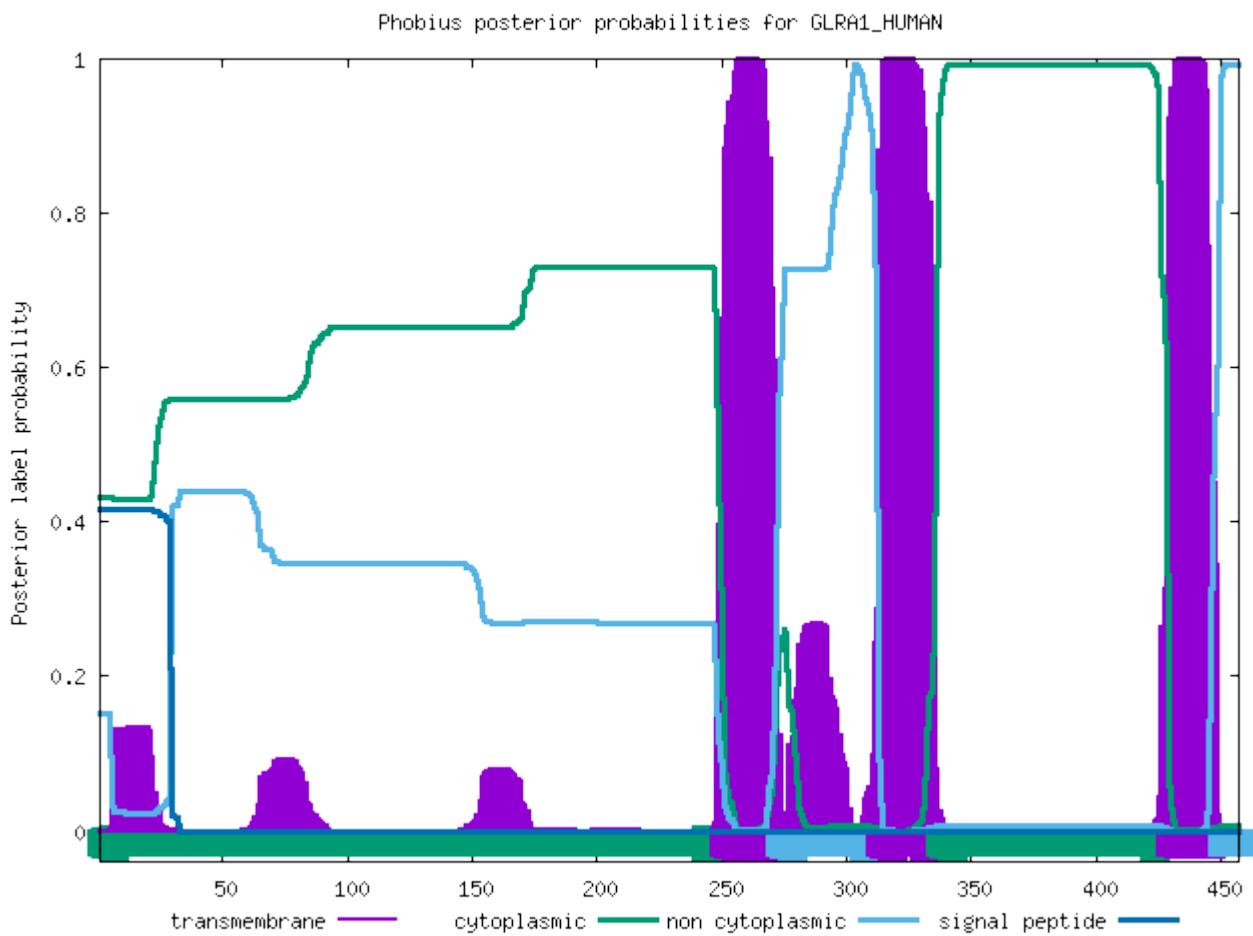
| ID | ACHB2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 20 | H-REGION. |
| FT | REGION | 21 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 234 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 256 | |
| FT | TOPO_DOM | 257 | 267 | CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 288 | |
| FT | TOPO_DOM | 289 | 299 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 321 | |
| FT | TOPO_DOM | 322 | 460 | CYTOPLASMIC. |
| FT | TRANSMEM | 461 | 483 | |
| FT | TOPO_DOM | 484 | 502 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLRA1_HUMAN

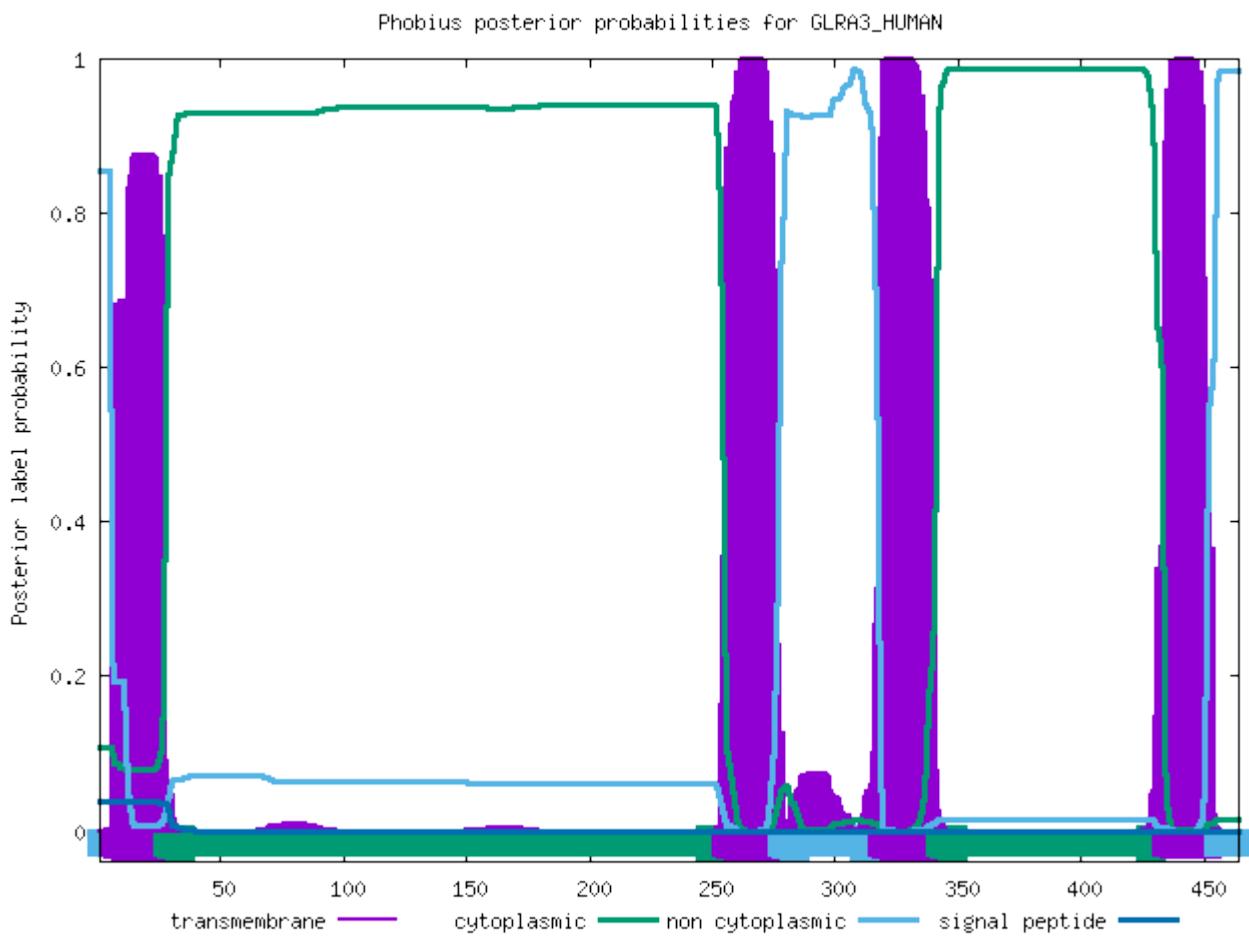
| ID | GLRA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 249 | CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 272 | |
| FT | TOPO_DOM | 273 | 312 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 313 | 336 | |
| FT | TOPO_DOM | 337 | 428 | CYTOPLASMIC. |
| FT | TRANSMEM | 429 | 449 | |
| FT | TOPO_DOM | 450 | 457 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLRA3_HUMAN

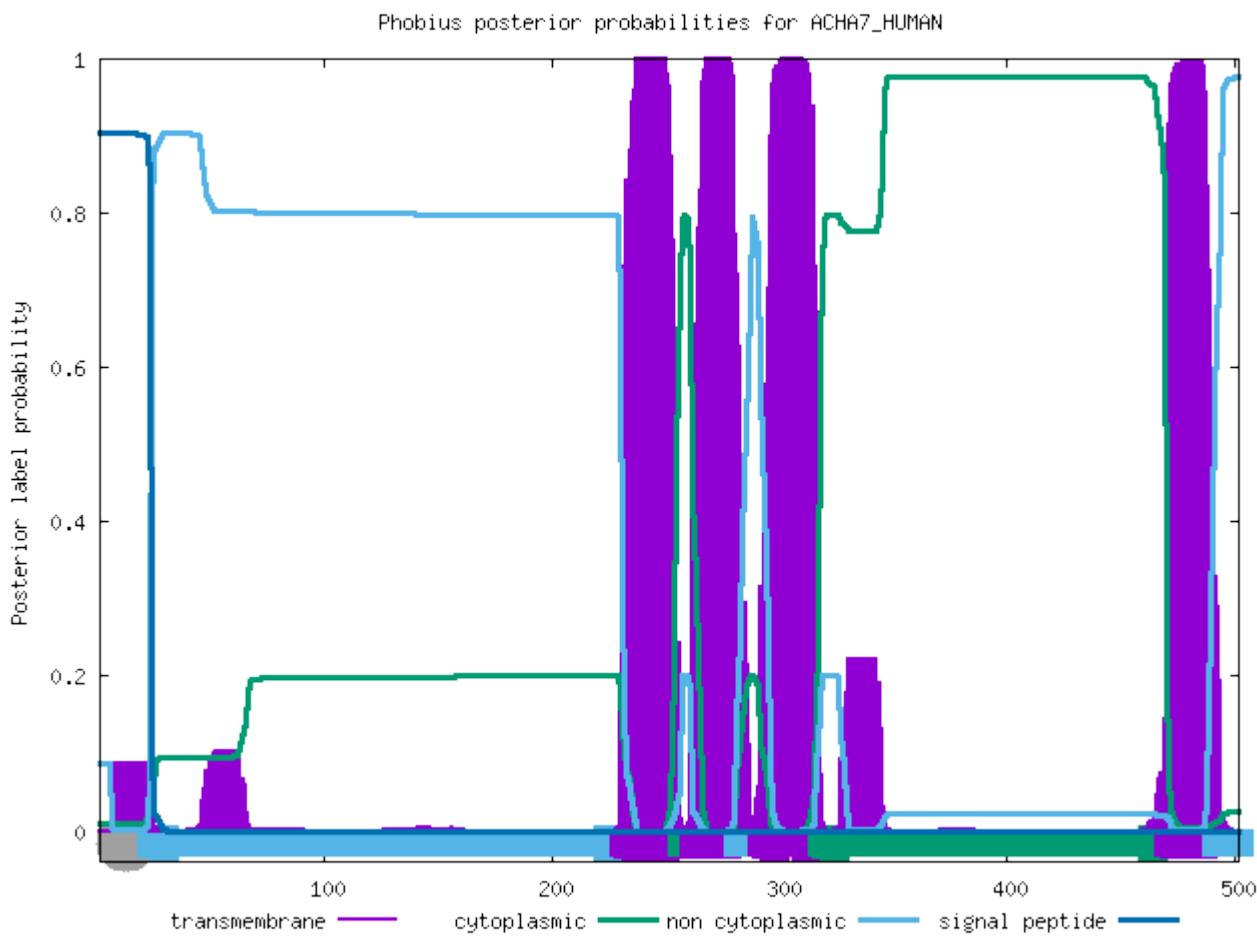
| ID | GLRA3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 27 | |
| FT | TOPO_DOM | 28 | 254 | CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 277 | |
| FT | TOPO_DOM | 278 | 317 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 341 | |
| FT | TOPO_DOM | 342 | 433 | CYTOPLASMIC. |
| FT | TRANSMEM | 434 | 454 | |
| FT | TOPO_DOM | 455 | 464 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACHA7_HUMAN

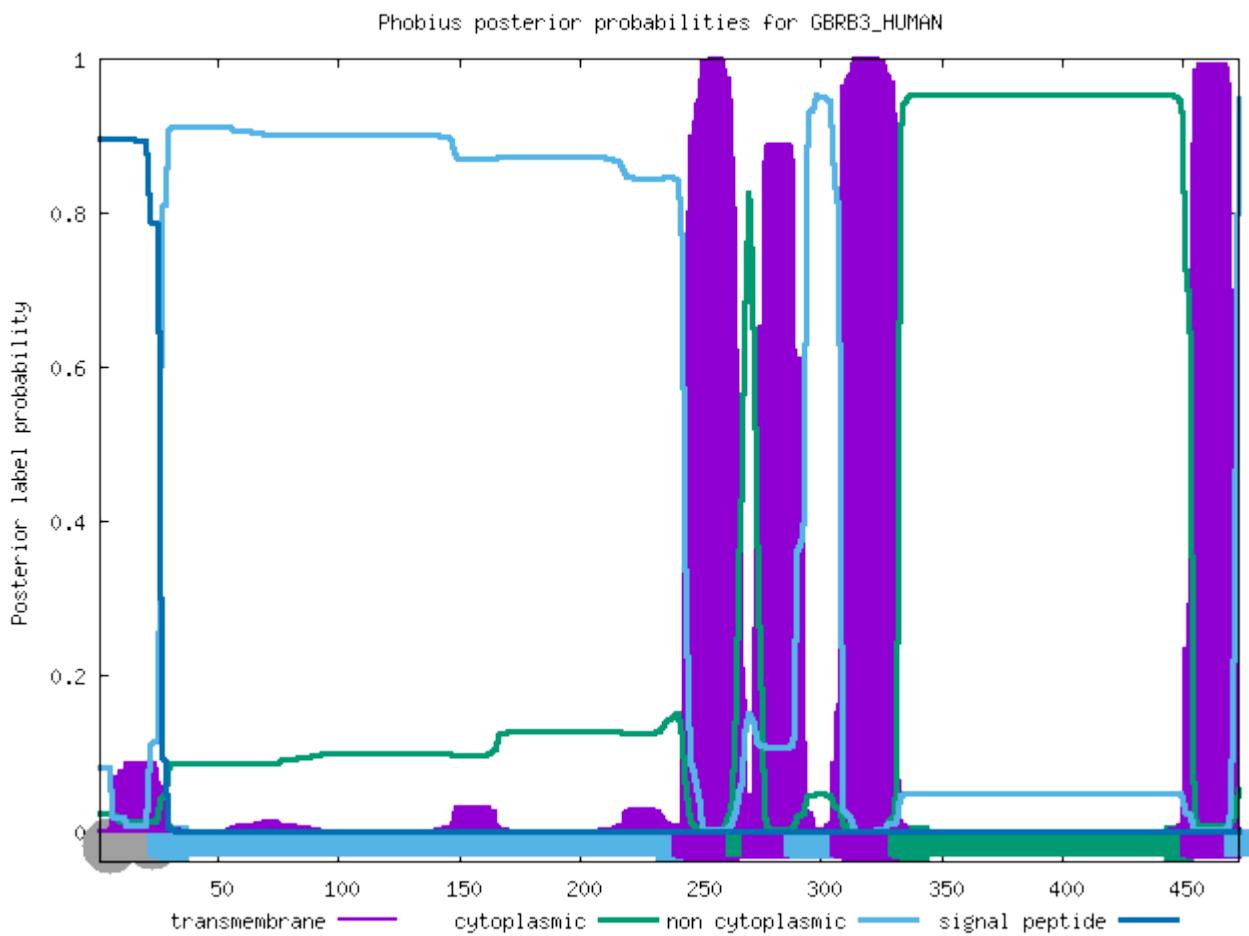
| ID | ACHA7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 230 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 255 | |
| FT | TOPO_DOM | 256 | 261 | CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 280 | |
| FT | TOPO_DOM | 281 | 291 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 292 | 317 | |
| FT | TOPO_DOM | 318 | 469 | CYTOPLASMIC. |
| FT | TRANSMEM | 470 | 490 | |
| FT | TOPO_DOM | 491 | 502 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GBRB3_HUMAN

| ID | GBRB3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 20 | H-REGION. |
| FT | REGION | 21 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 242 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 243 | 265 | |
| FT | TOPO_DOM | 266 | 271 | CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 289 | |
| FT | TOPO_DOM | 290 | 308 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 309 | 332 | |
| FT | TOPO_DOM | 333 | 453 | CYTOPLASMIC. |
| FT | TRANSMEM | 454 | 471 | |
| FT | TOPO_DOM | 472 | 473 | NON CYTOPLASMIC. |
| // | | | | |

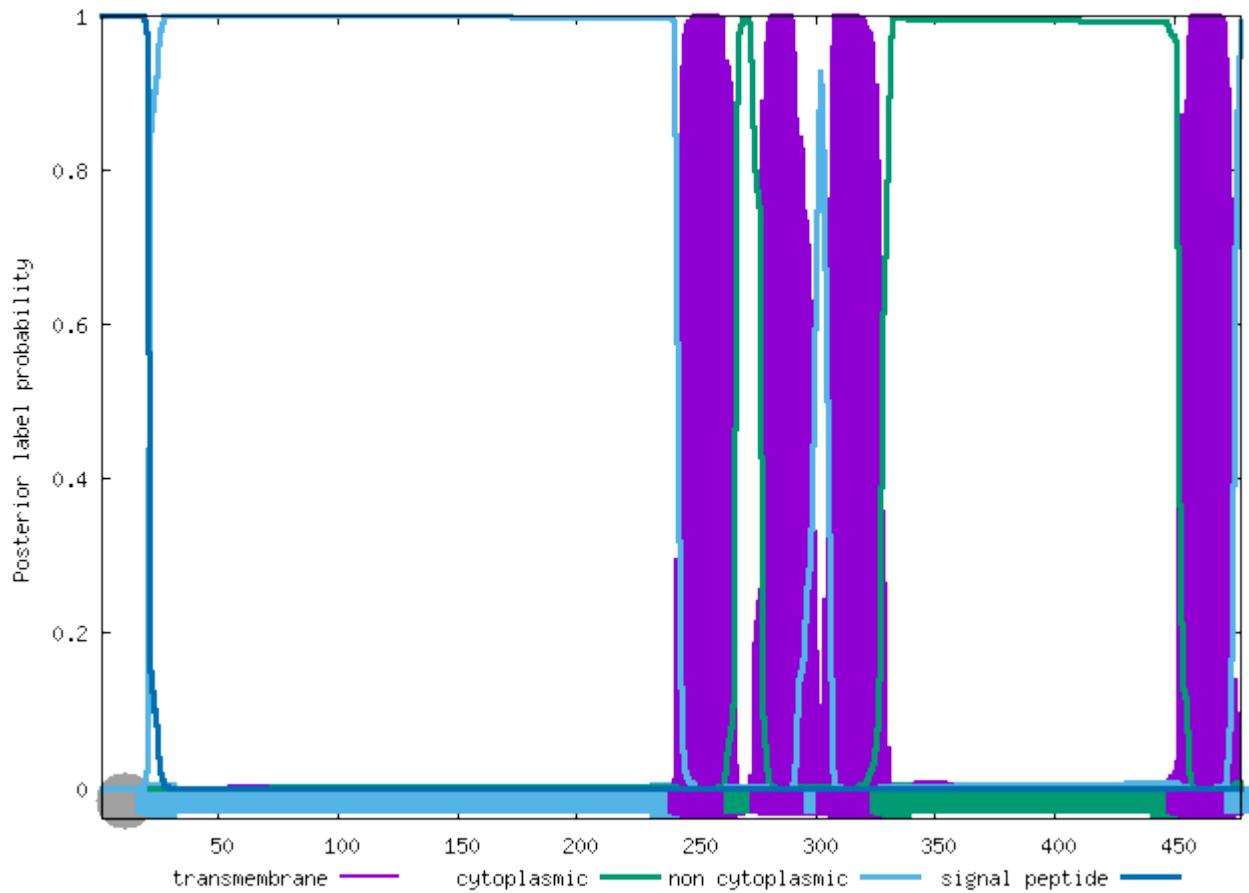


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT3A_HUMAN

| ID | 5HT3A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 242 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 243 | 266 | |
| FT | TOPO_DOM | 267 | 277 | CYTOPLASMIC. |
| FT | TRANSMEM | 278 | 299 | |
| FT | TOPO_DOM | 300 | 304 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 327 | |
| FT | TOPO_DOM | 328 | 451 | CYTOPLASMIC. |
| FT | TRANSMEM | 452 | 475 | |
| FT | TOPO_DOM | 476 | 478 | NON CYTOPLASMIC. |
| // | | | | |

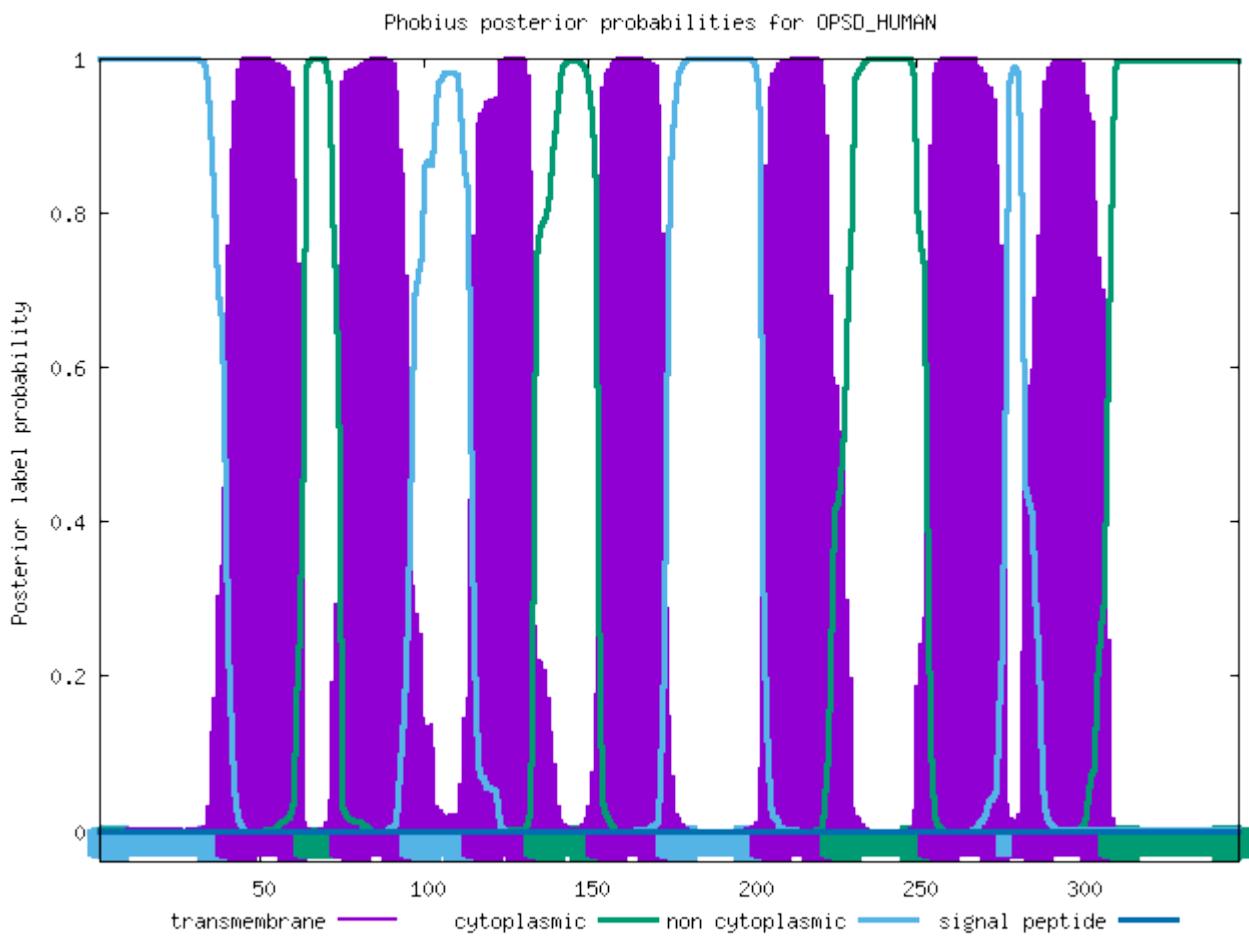
Phobius posterior probabilities for 5HT3A_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OPSD_HUMAN

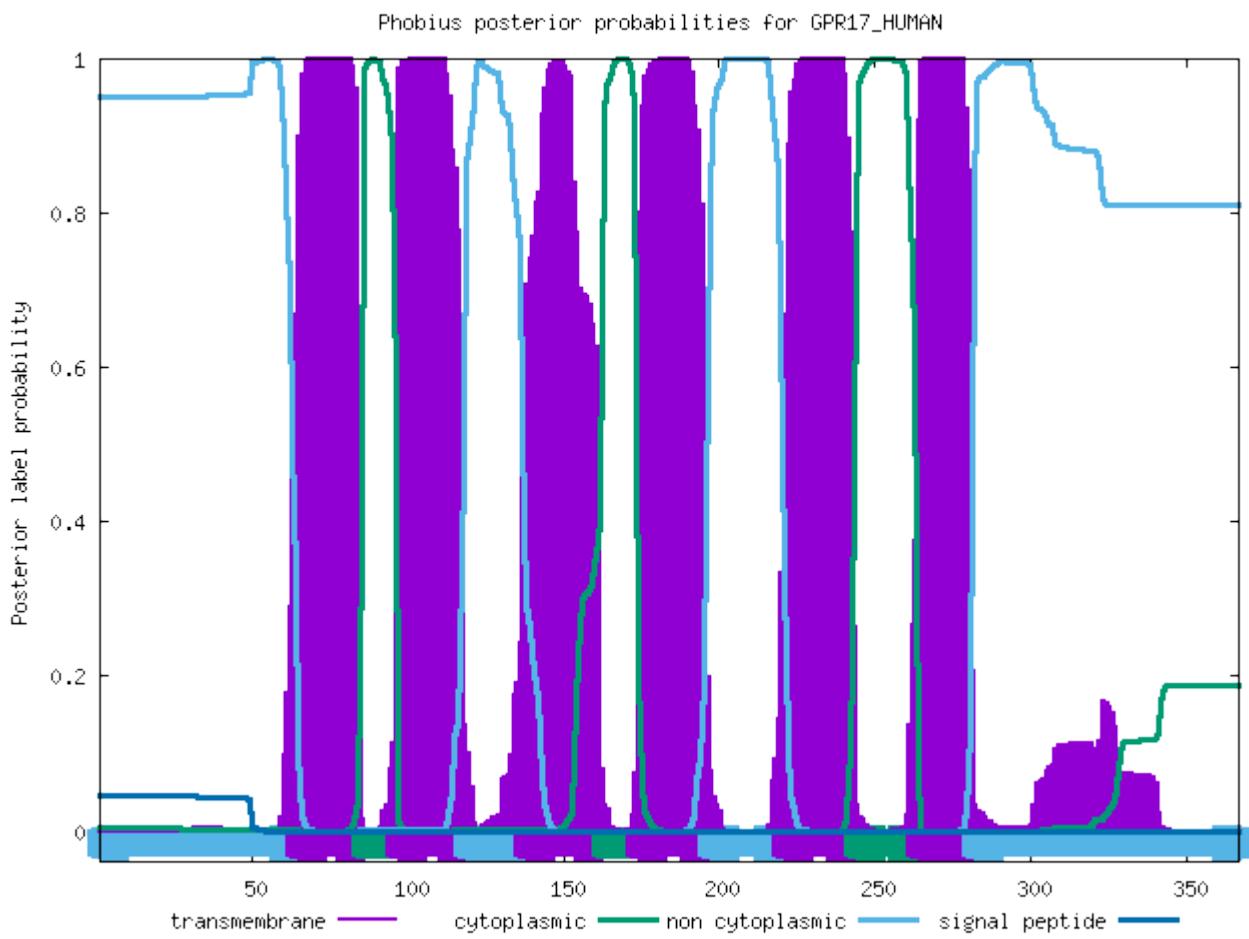
| ID | OPSD_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 63 | |
| FT | TOPO_DOM | 64 | 74 | CYTOPLASMIC. |
| FT | TRANSMEM | 75 | 95 | |
| FT | TOPO_DOM | 96 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 133 | |
| FT | TOPO_DOM | 134 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 173 | |
| FT | TOPO_DOM | 174 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 223 | |
| FT | TOPO_DOM | 224 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 277 | |
| FT | TOPO_DOM | 278 | 282 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 283 | 308 | |
| FT | TOPO_DOM | 309 | 348 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR17_HUMAN

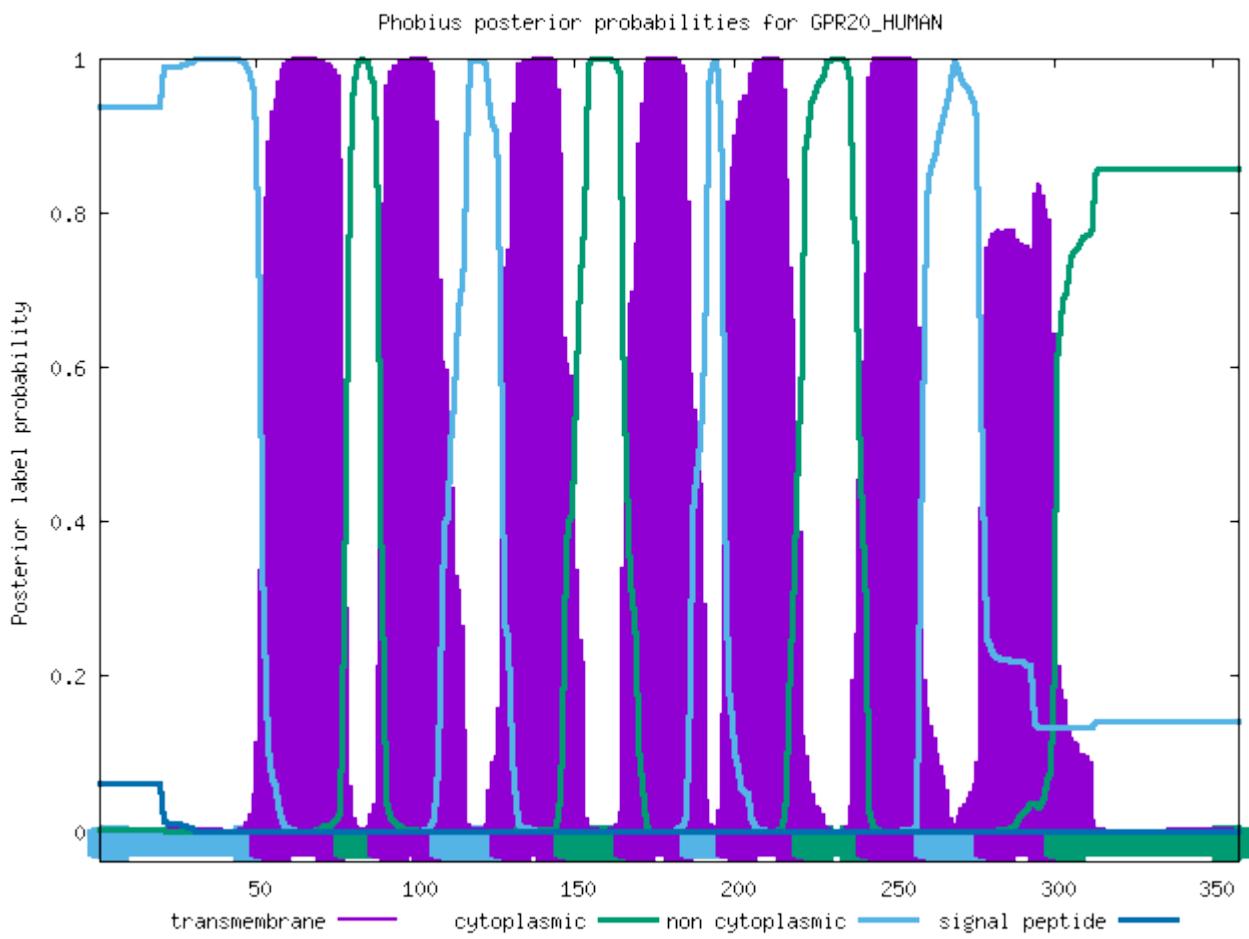
| ID | GPR17_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 64 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 65 | 85 | |
| FT | TOPO_DOM | 86 | 96 | CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 118 | |
| FT | TOPO_DOM | 119 | 137 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 162 | |
| FT | TOPO_DOM | 163 | 173 | CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 196 | |
| FT | TOPO_DOM | 197 | 220 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 243 | |
| FT | TOPO_DOM | 244 | 263 | CYTOPLASMIC. |
| FT | TRANSMEM | 264 | 281 | |
| FT | TOPO_DOM | 282 | 367 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR20_HUMAN

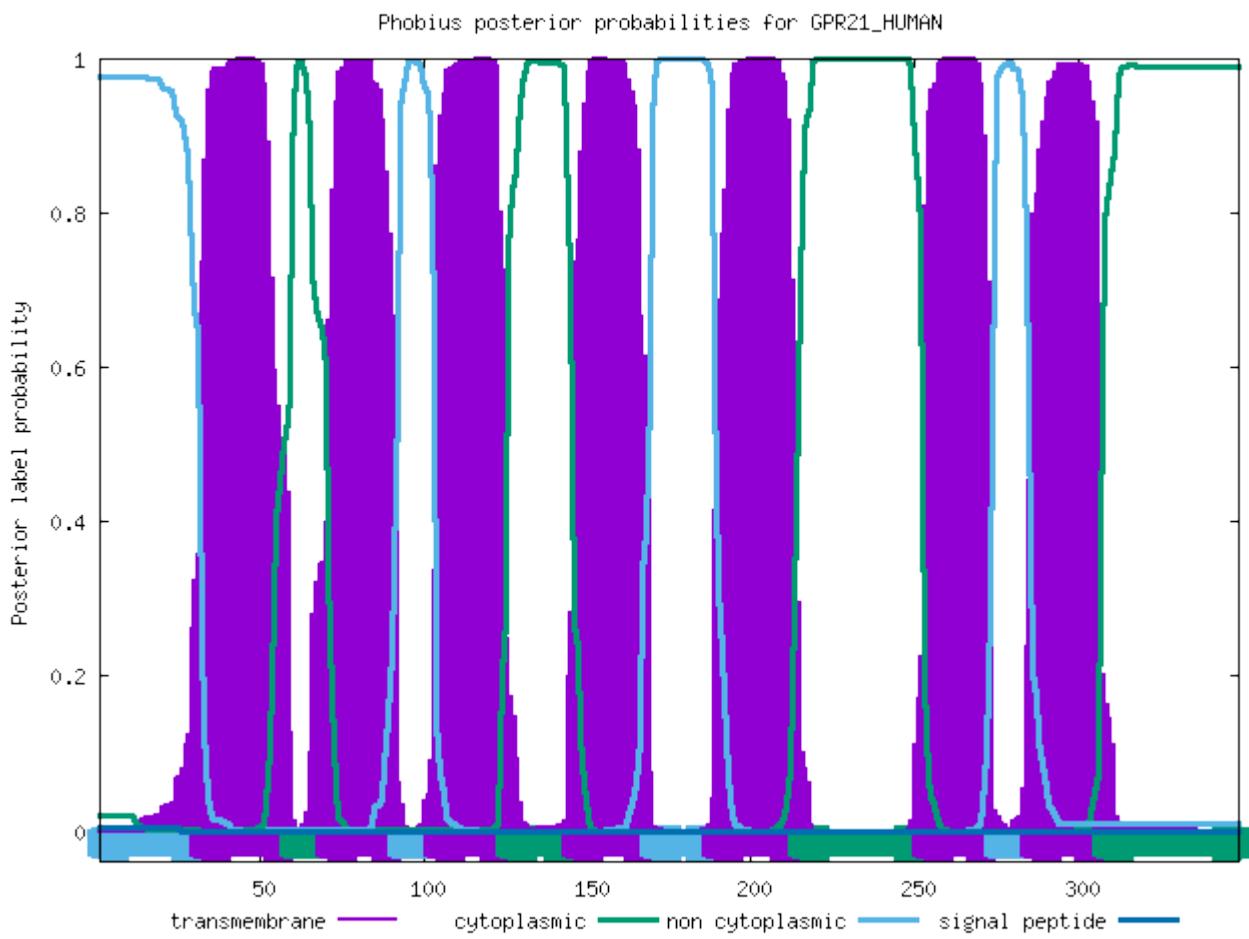
| ID | GPR20_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 51 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 52 | 77 | |
| FT | TOPO_DOM | 78 | 88 | CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 107 | |
| FT | TOPO_DOM | 108 | 126 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 146 | |
| FT | TOPO_DOM | 147 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 186 | |
| FT | TOPO_DOM | 187 | 197 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 221 | |
| FT | TOPO_DOM | 222 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 259 | |
| FT | TOPO_DOM | 260 | 278 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 300 | |
| FT | TOPO_DOM | 301 | 358 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR21_HUMAN

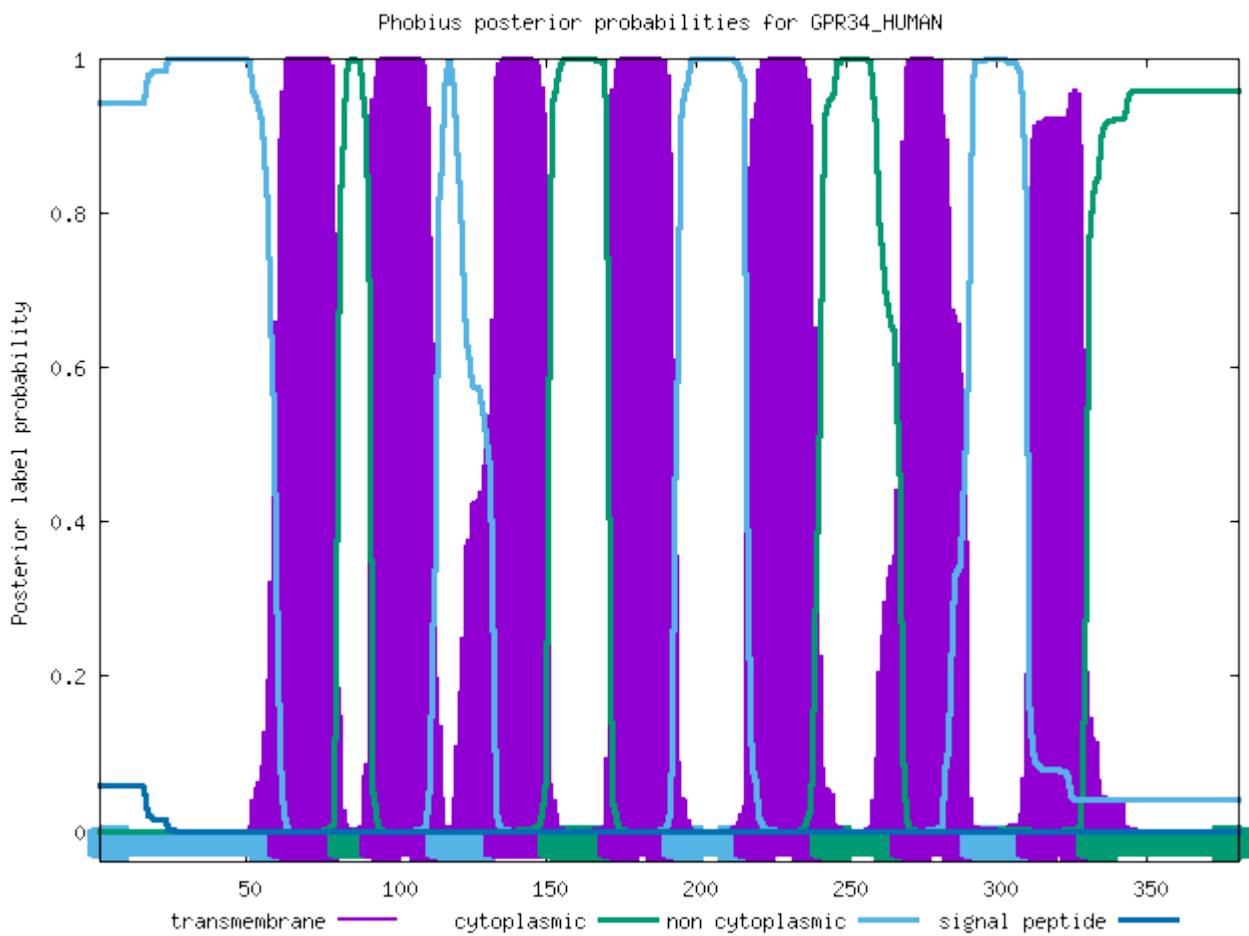
| ID | GPR21_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 31 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 32 | 59 | |
| FT | TOPO_DOM | 60 | 70 | CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 92 | |
| FT | TOPO_DOM | 93 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 125 | |
| FT | TOPO_DOM | 126 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 169 | |
| FT | TOPO_DOM | 170 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 214 | |
| FT | TOPO_DOM | 215 | 252 | CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 274 | |
| FT | TOPO_DOM | 275 | 285 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 307 | |
| FT | TOPO_DOM | 308 | 349 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR34_HUMAN

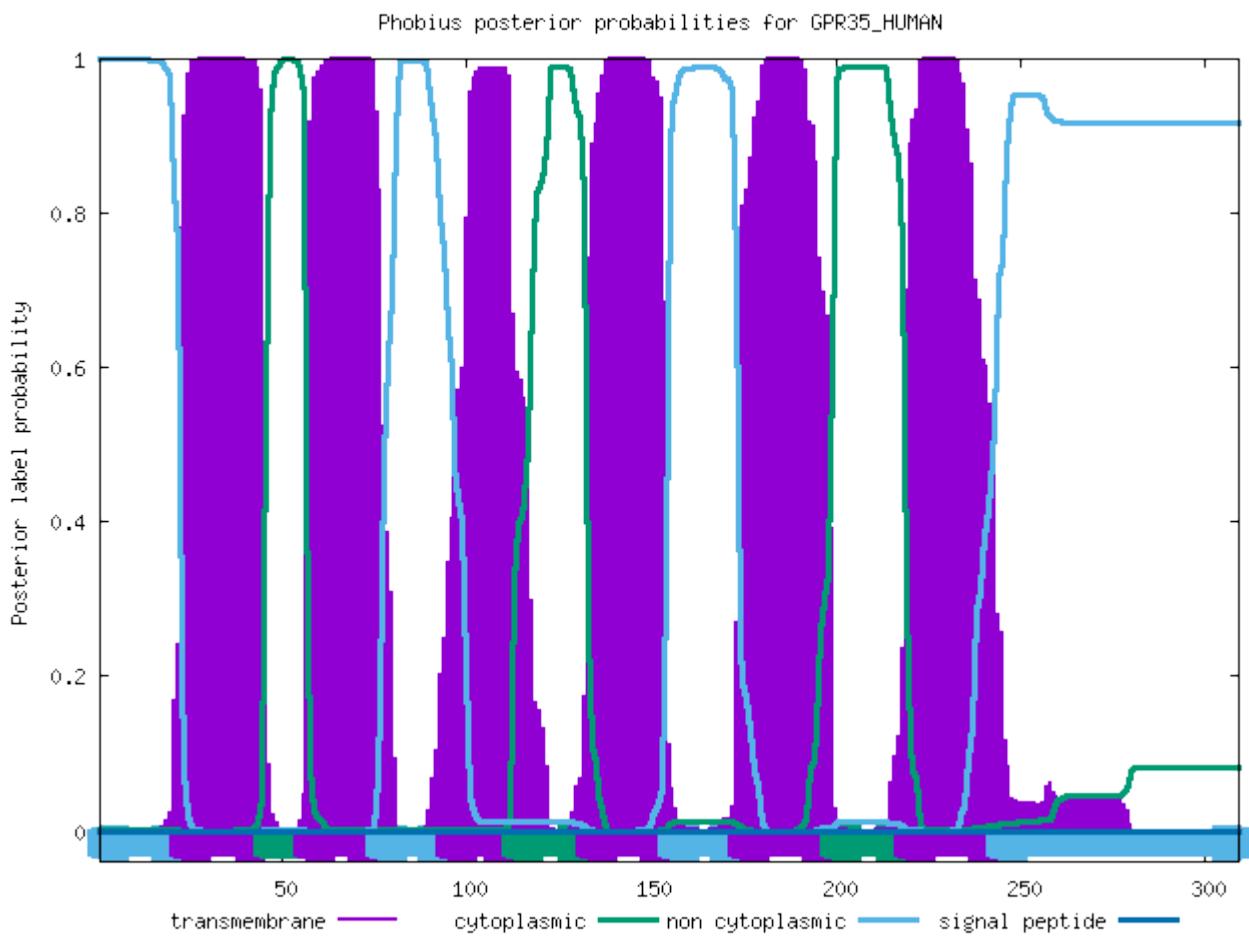
| ID | GPR34_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 60 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 61 | 80 | |
| FT | TOPO_DOM | 81 | 91 | CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 113 | |
| FT | TOPO_DOM | 114 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 150 | |
| FT | TOPO_DOM | 151 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 192 | |
| FT | TOPO_DOM | 193 | 216 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 241 | |
| FT | TOPO_DOM | 242 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 291 | |
| FT | TOPO_DOM | 292 | 310 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 311 | 330 | |
| FT | TOPO_DOM | 331 | 381 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR35_HUMAN

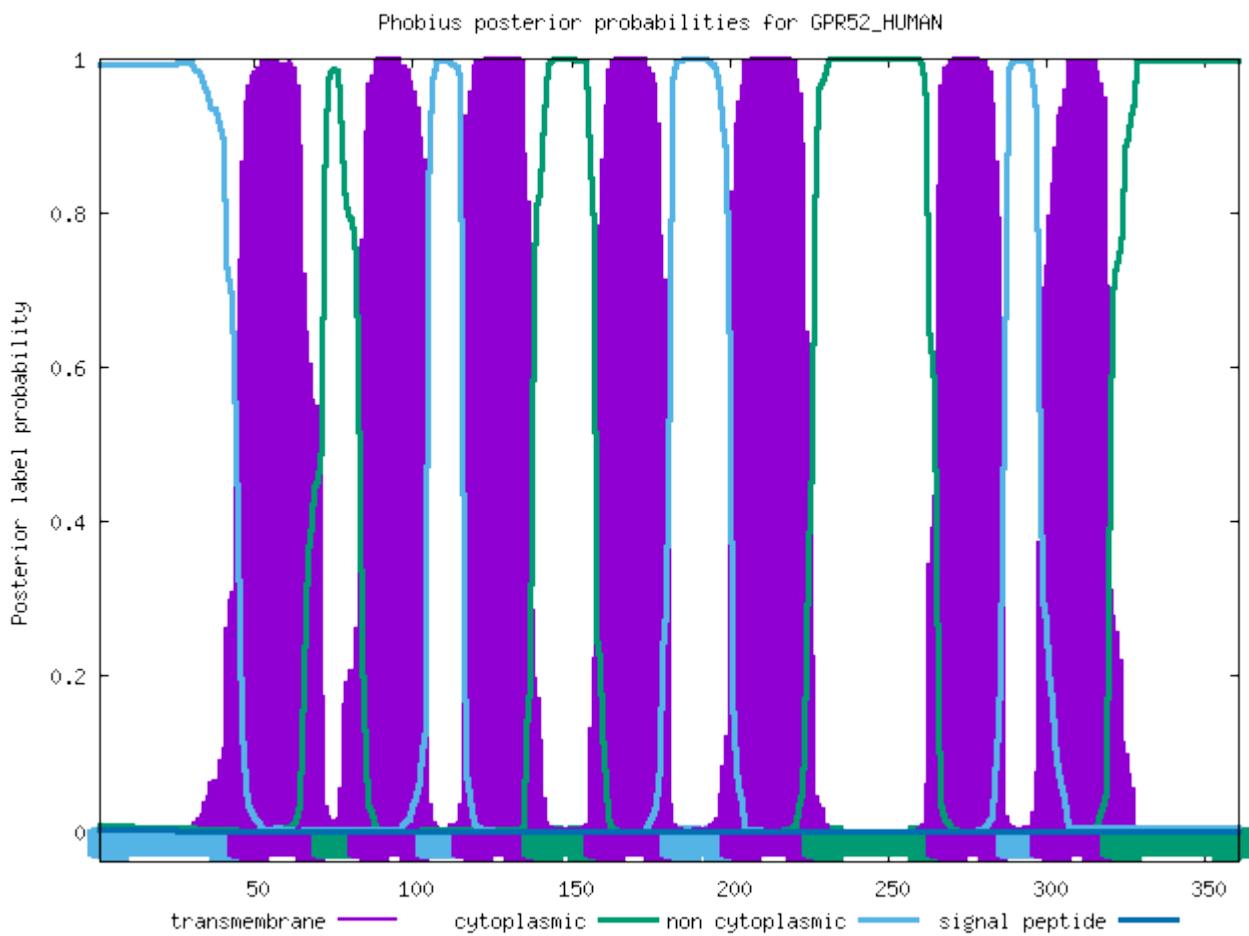
| ID | GPR35_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 45 | |
| FT | TOPO_DOM | 46 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 75 | |
| FT | TOPO_DOM | 76 | 94 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 95 | 112 | |
| FT | TOPO_DOM | 113 | 132 | CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 154 | |
| FT | TOPO_DOM | 155 | 173 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 198 | |
| FT | TOPO_DOM | 199 | 218 | CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 243 | |
| FT | TOPO_DOM | 244 | 309 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR52_HUMAN

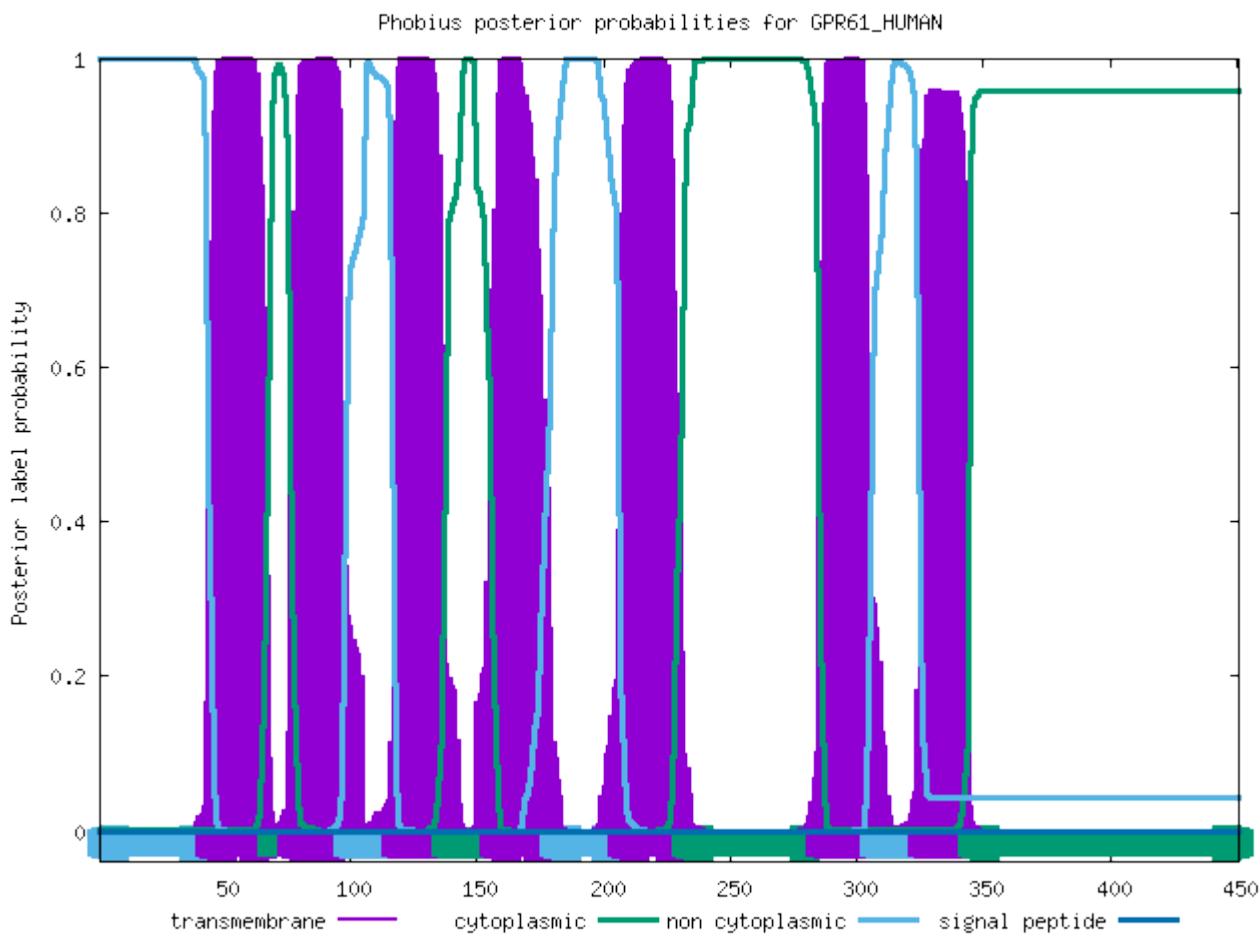
| ID | GPR52_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 44 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 71 | |
| FT | TOPO_DOM | 72 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 104 | |
| FT | TOPO_DOM | 105 | 115 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 116 | 137 | |
| FT | TOPO_DOM | 138 | 157 | CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 181 | |
| FT | TOPO_DOM | 182 | 200 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 201 | 226 | |
| FT | TOPO_DOM | 227 | 265 | CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 287 | |
| FT | TOPO_DOM | 288 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 320 | |
| FT | TOPO_DOM | 321 | 361 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR61_HUMAN

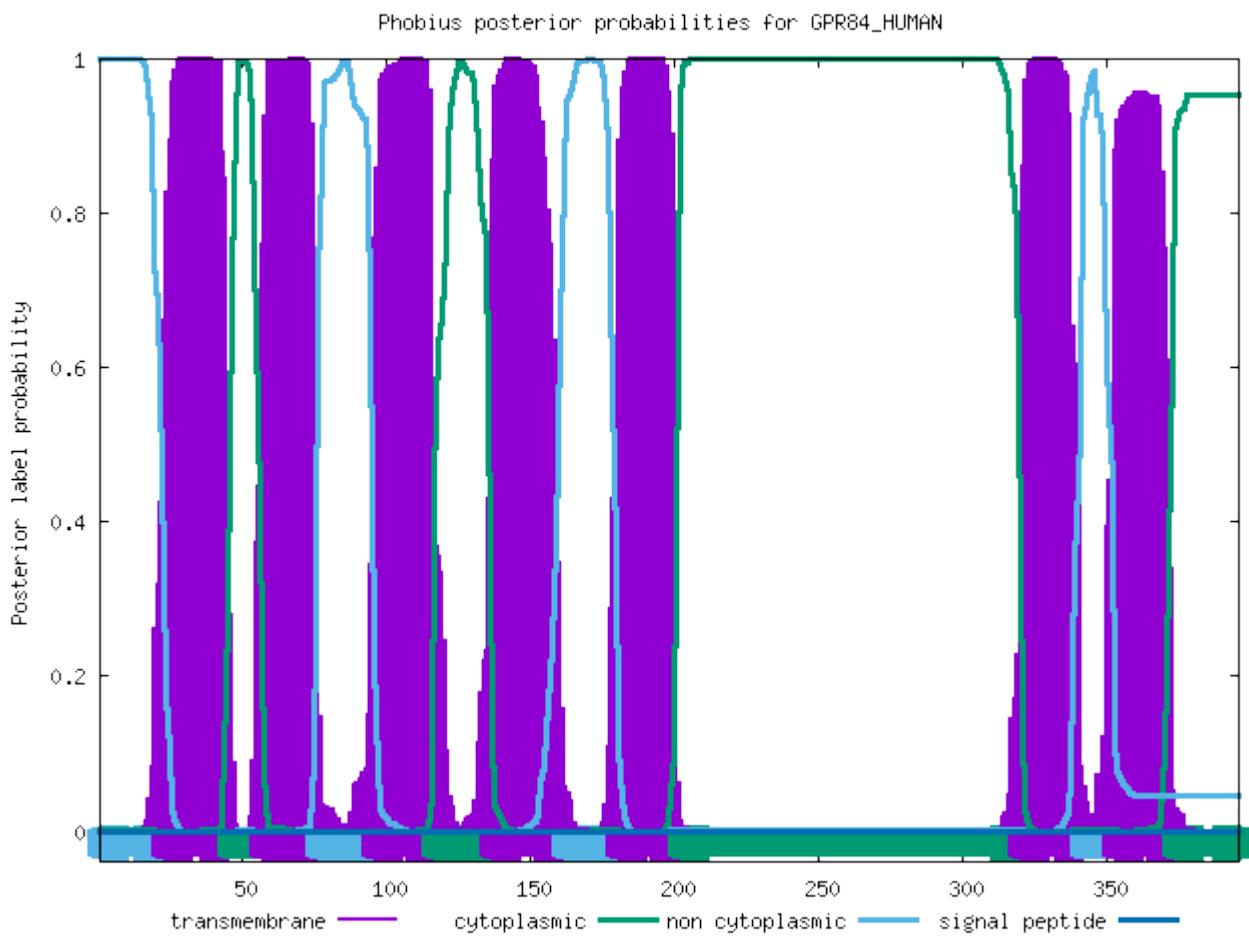
| ID | GPR61_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 43 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 67 | |
| FT | TOPO_DOM | 68 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 97 | |
| FT | TOPO_DOM | 98 | 116 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 136 | |
| FT | TOPO_DOM | 137 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 179 | |
| FT | TOPO_DOM | 180 | 206 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 231 | |
| FT | TOPO_DOM | 232 | 284 | CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 305 | |
| FT | TOPO_DOM | 306 | 324 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 325 | 344 | |
| FT | TOPO_DOM | 345 | 451 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR84_HUMAN

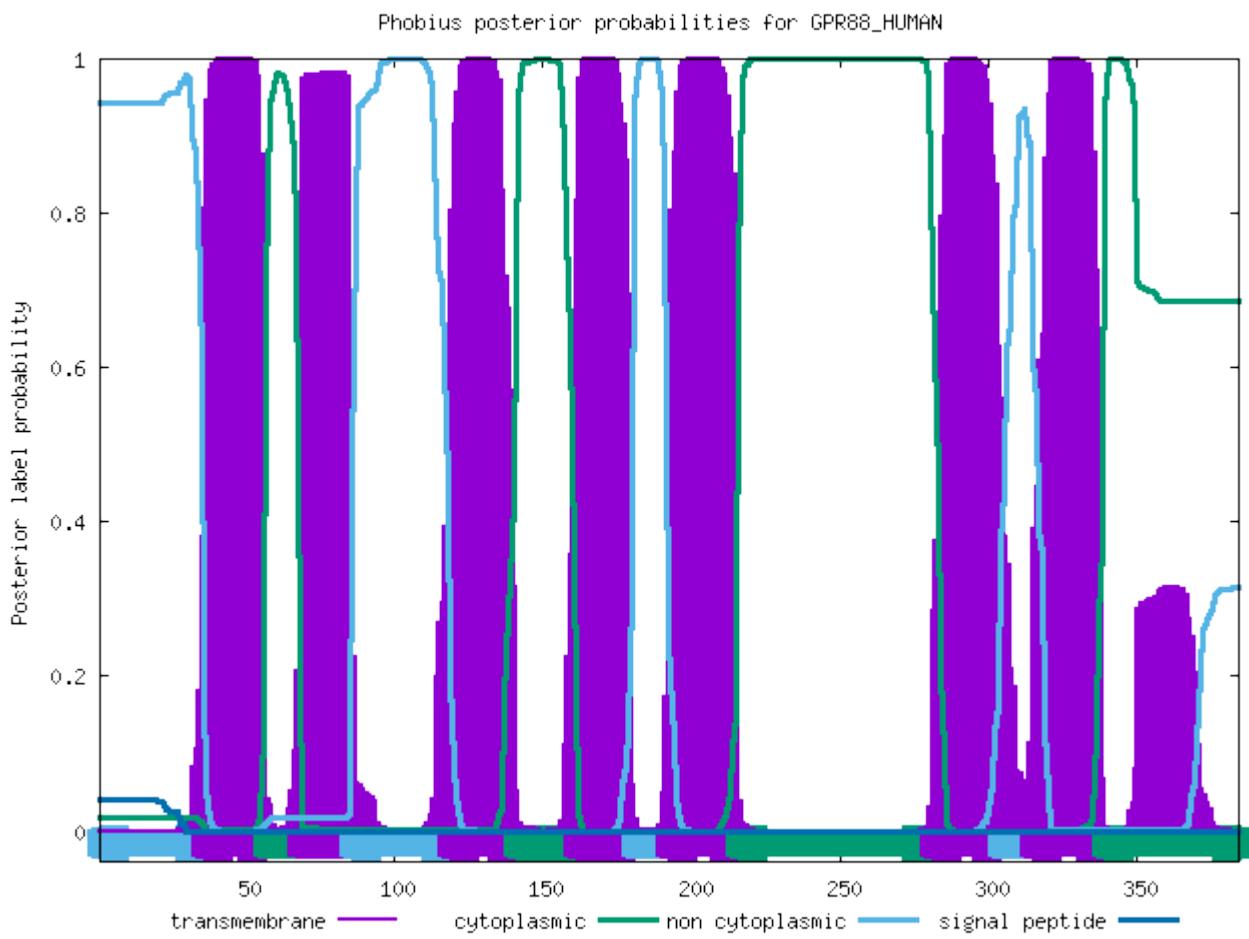
| ID | GPR84_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 45 | |
| FT | TOPO_DOM | 46 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 76 | |
| FT | TOPO_DOM | 77 | 95 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 116 | |
| FT | TOPO_DOM | 117 | 136 | CYTOPLASMIC. |
| FT | TRANSMEM | 137 | 161 | |
| FT | TOPO_DOM | 162 | 180 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 201 | |
| FT | TOPO_DOM | 202 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 341 | |
| FT | TOPO_DOM | 342 | 352 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 353 | 373 | |
| FT | TOPO_DOM | 374 | 396 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPR88_HUMAN

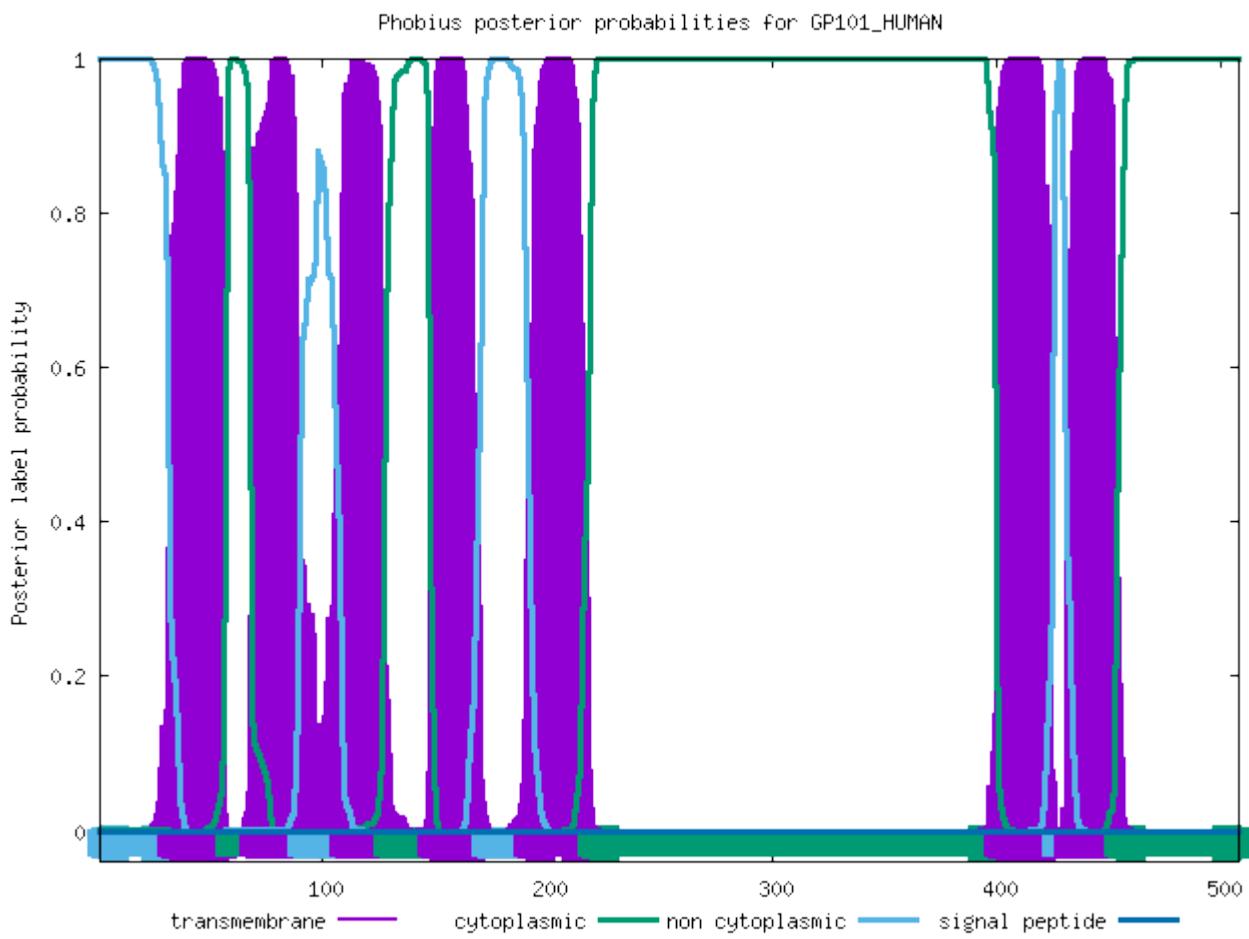
| ID | GPR88_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 56 | |
| FT | TOPO_DOM | 57 | 67 | CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 85 | |
| FT | TOPO_DOM | 86 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 140 | |
| FT | TOPO_DOM | 141 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 180 | |
| FT | TOPO_DOM | 181 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 215 | |
| FT | TOPO_DOM | 216 | 280 | CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 303 | |
| FT | TOPO_DOM | 304 | 314 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 315 | 338 | |
| FT | TOPO_DOM | 339 | 384 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP101_HUMAN

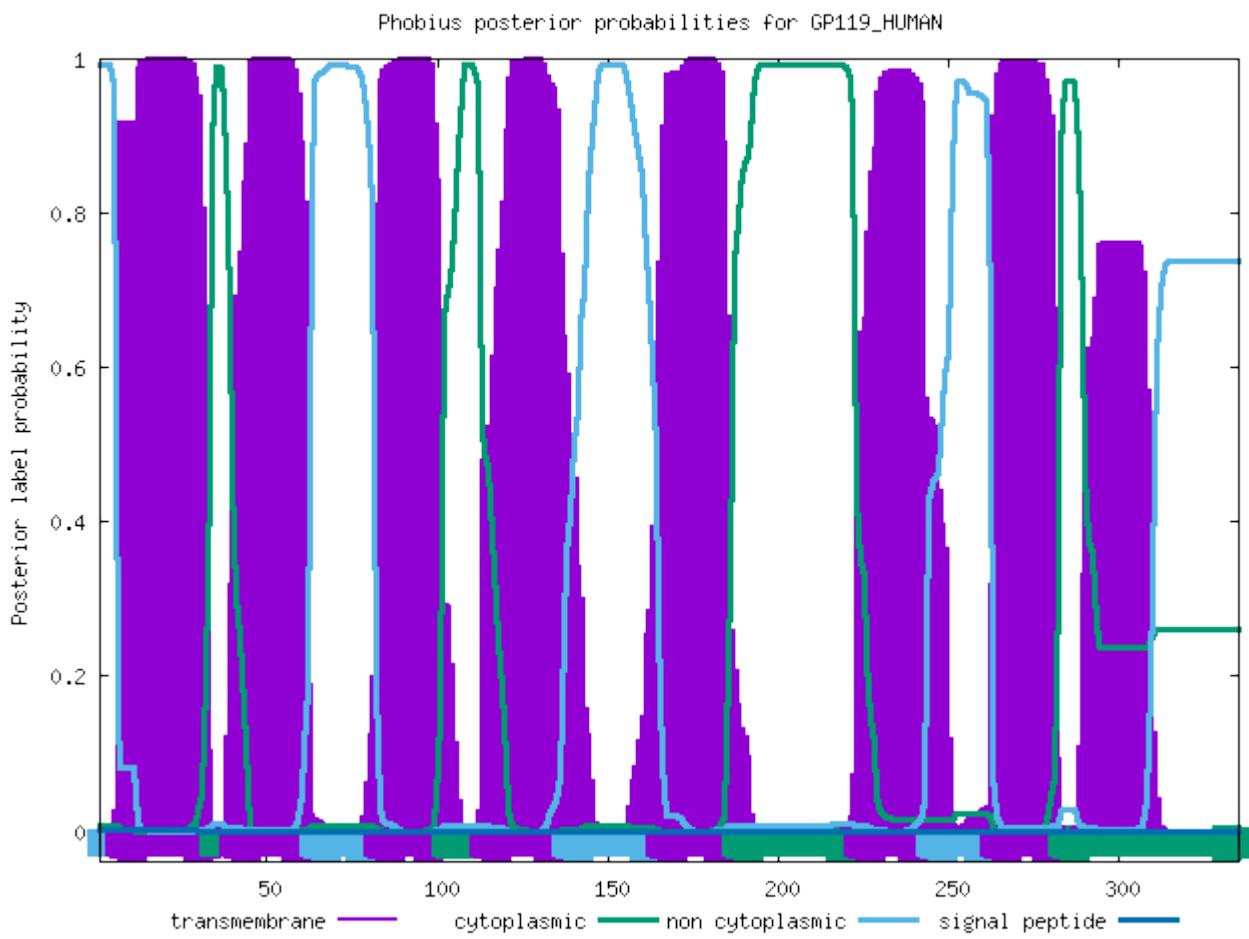
| ID | GP101_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 31 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 32 | 57 | |
| FT | TOPO_DOM | 58 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 89 | |
| FT | TOPO_DOM | 90 | 108 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 109 | 127 | |
| FT | TOPO_DOM | 128 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 171 | |
| FT | TOPO_DOM | 172 | 190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 218 | |
| FT | TOPO_DOM | 219 | 399 | CYTOPLASMIC. |
| FT | TRANSMEM | 400 | 425 | |
| FT | TOPO_DOM | 426 | 430 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 431 | 453 | |
| FT | TOPO_DOM | 454 | 508 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP119_HUMAN

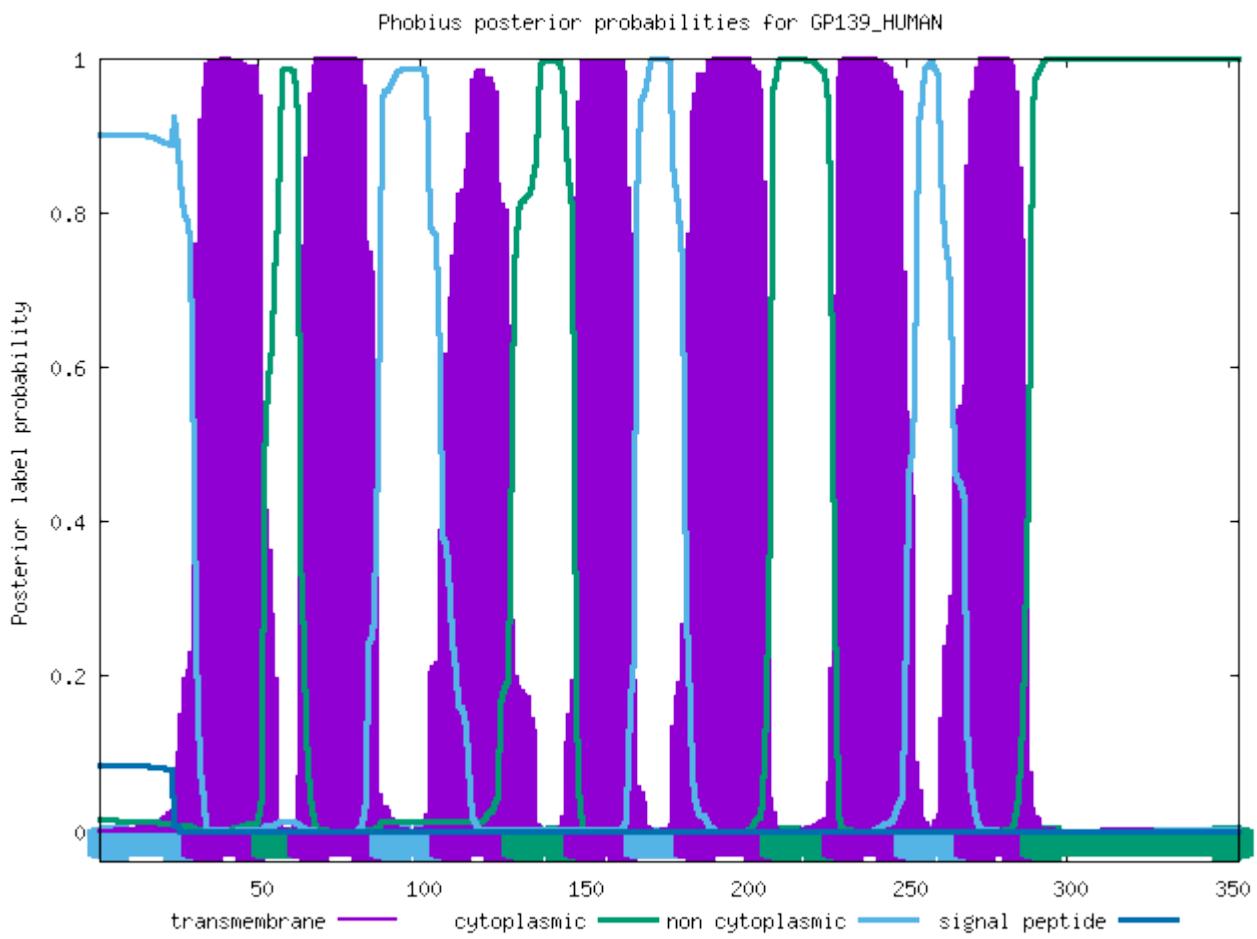
| ID | GP119_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 33 | |
| FT | TOPO_DOM | 34 | 39 | CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 62 | |
| FT | TOPO_DOM | 63 | 81 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 101 | |
| FT | TOPO_DOM | 102 | 112 | CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 136 | |
| FT | TOPO_DOM | 137 | 164 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 165 | 186 | |
| FT | TOPO_DOM | 187 | 222 | CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 243 | |
| FT | TOPO_DOM | 244 | 262 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 282 | |
| FT | TOPO_DOM | 283 | 335 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP139_HUMAN

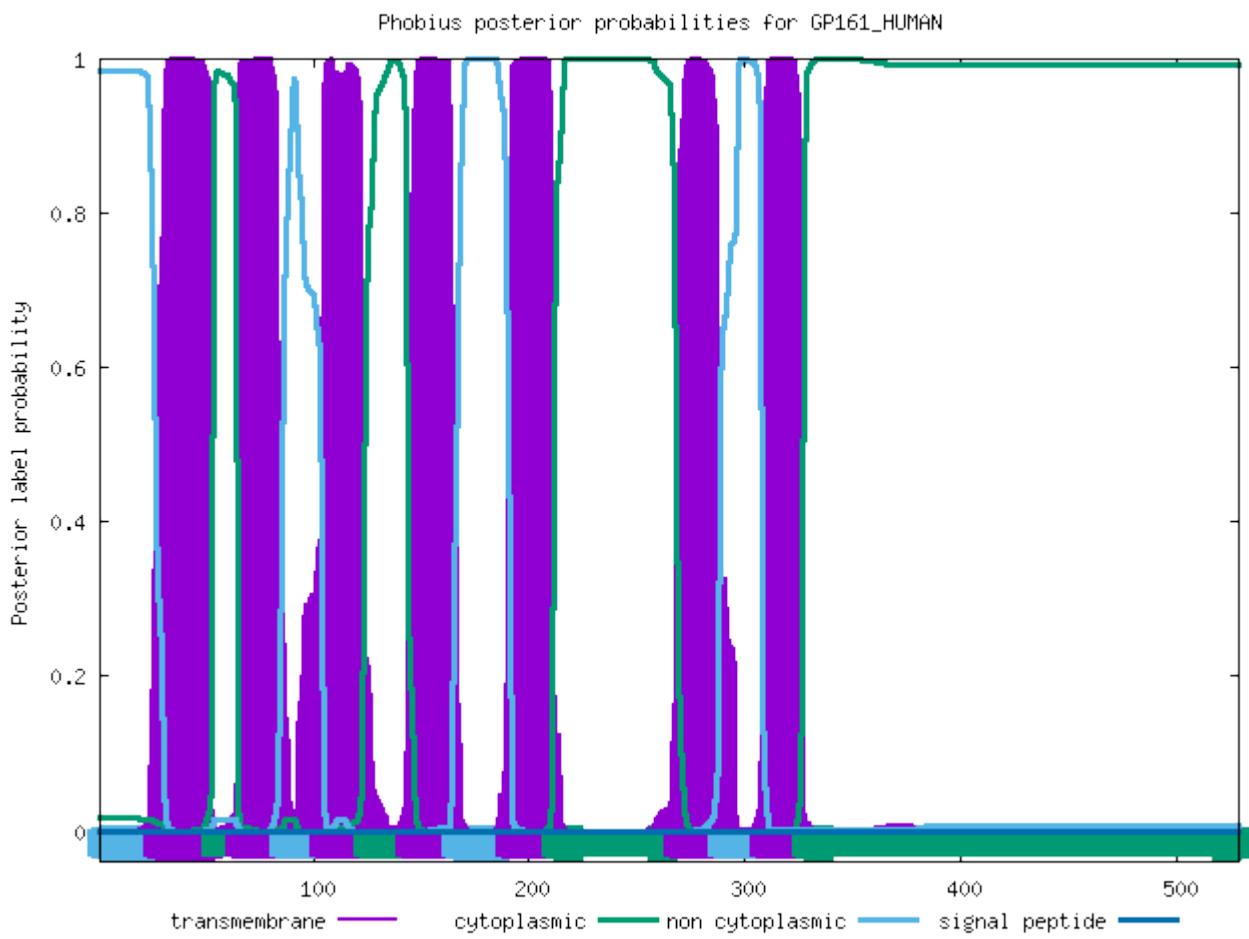
| ID | GP139_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 51 | |
| FT | TOPO_DOM | 52 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 87 | |
| FT | TOPO_DOM | 88 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 128 | |
| FT | TOPO_DOM | 129 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 166 | |
| FT | TOPO_DOM | 167 | 181 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 208 | |
| FT | TOPO_DOM | 209 | 227 | CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 249 | |
| FT | TOPO_DOM | 250 | 268 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 288 | |
| FT | TOPO_DOM | 289 | 353 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP161_HUMAN

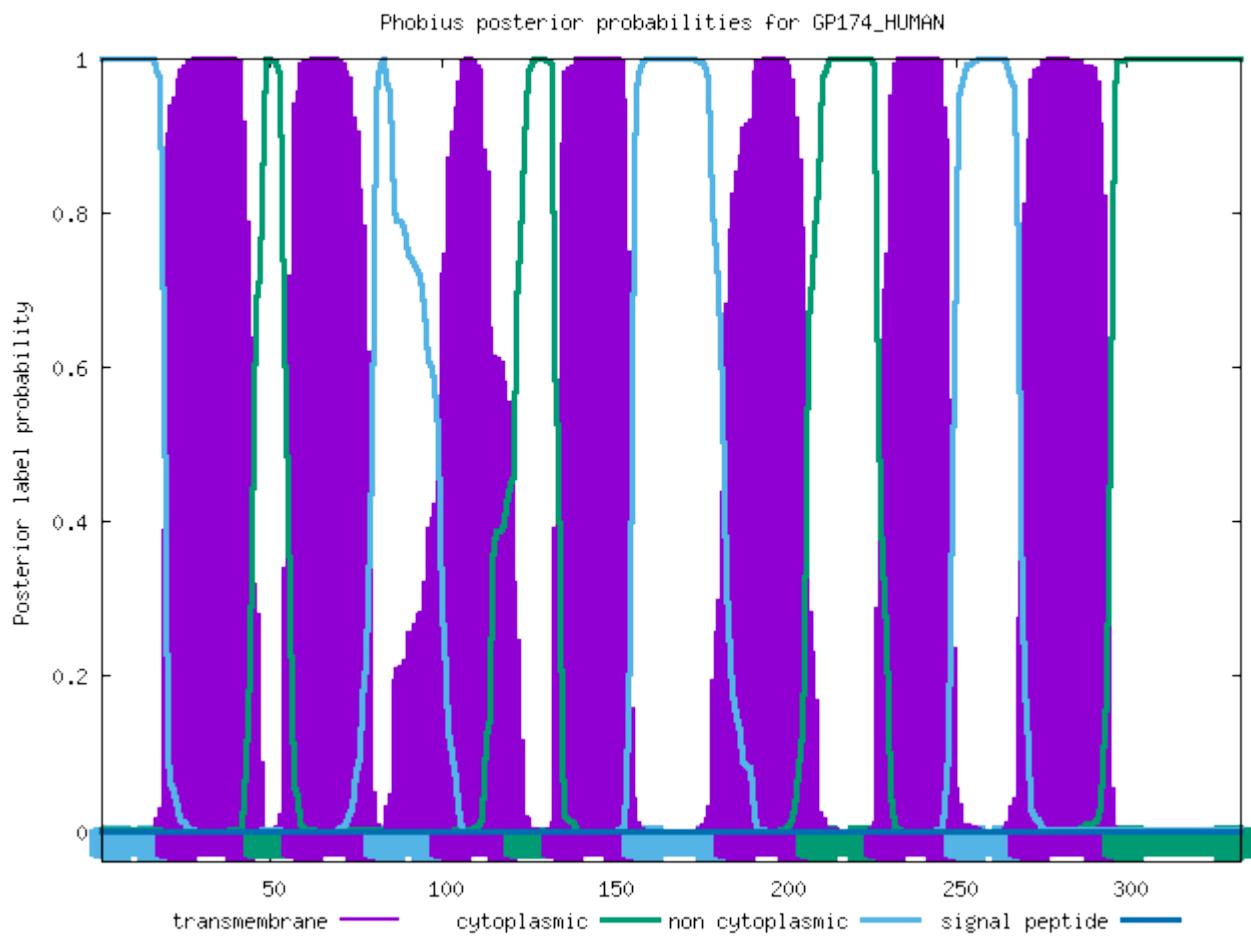
| ID | GP161_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 53 | |
| FT | TOPO_DOM | 54 | 64 | CYTOPLASMIC. |
| FT | TRANSMEM | 65 | 84 | |
| FT | TOPO_DOM | 85 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 164 | |
| FT | TOPO_DOM | 165 | 189 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 211 | |
| FT | TOPO_DOM | 212 | 267 | CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 288 | |
| FT | TOPO_DOM | 289 | 307 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 308 | 327 | |
| FT | TOPO_DOM | 328 | 529 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP174_HUMAN

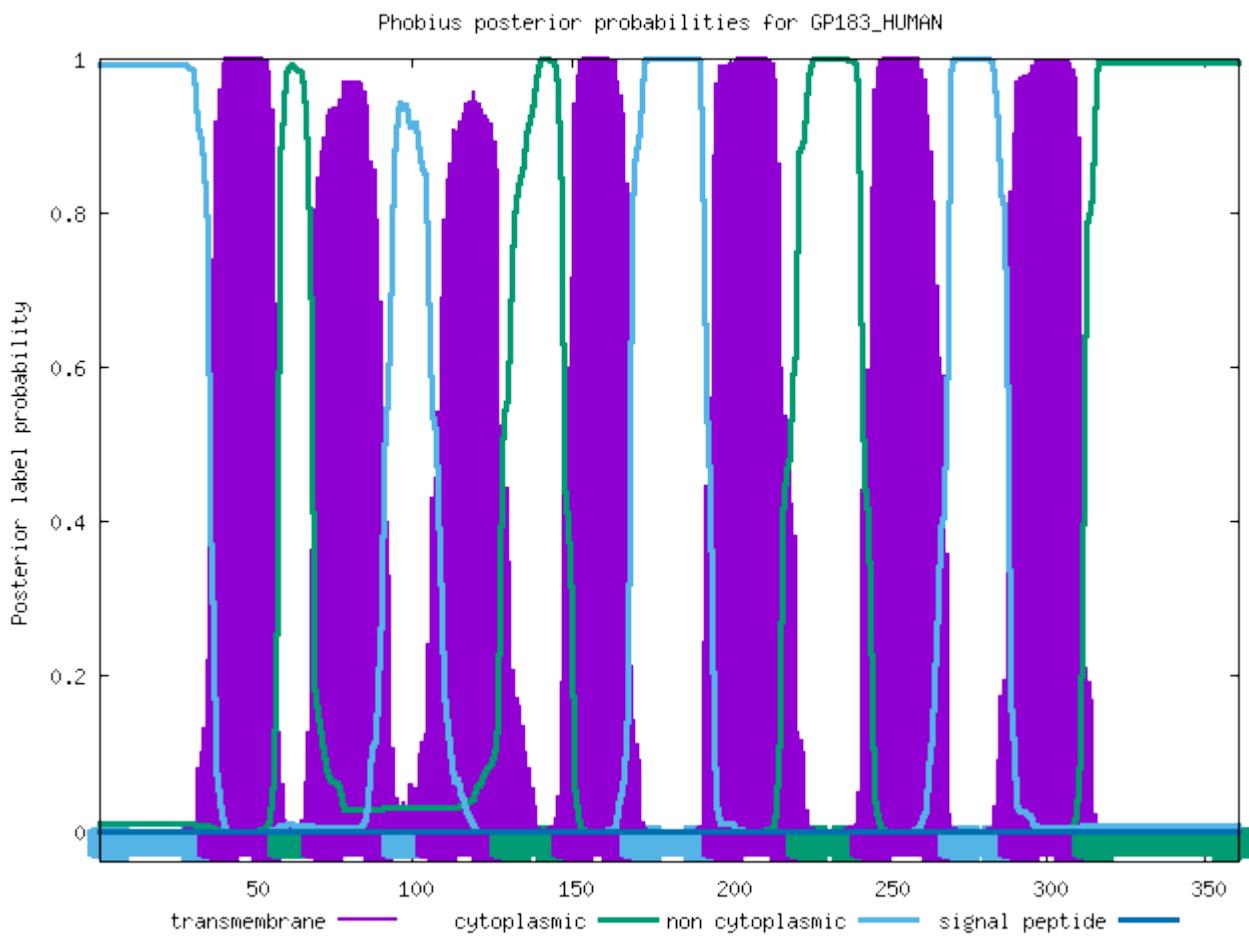
| ID | GP174_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 45 | |
| FT | TOPO_DOM | 46 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 80 | |
| FT | TOPO_DOM | 81 | 99 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 121 | |
| FT | TOPO_DOM | 122 | 132 | CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 155 | |
| FT | TOPO_DOM | 156 | 182 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 206 | |
| FT | TOPO_DOM | 207 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 249 | |
| FT | TOPO_DOM | 250 | 268 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 295 | |
| FT | TOPO_DOM | 296 | 333 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GP183_HUMAN

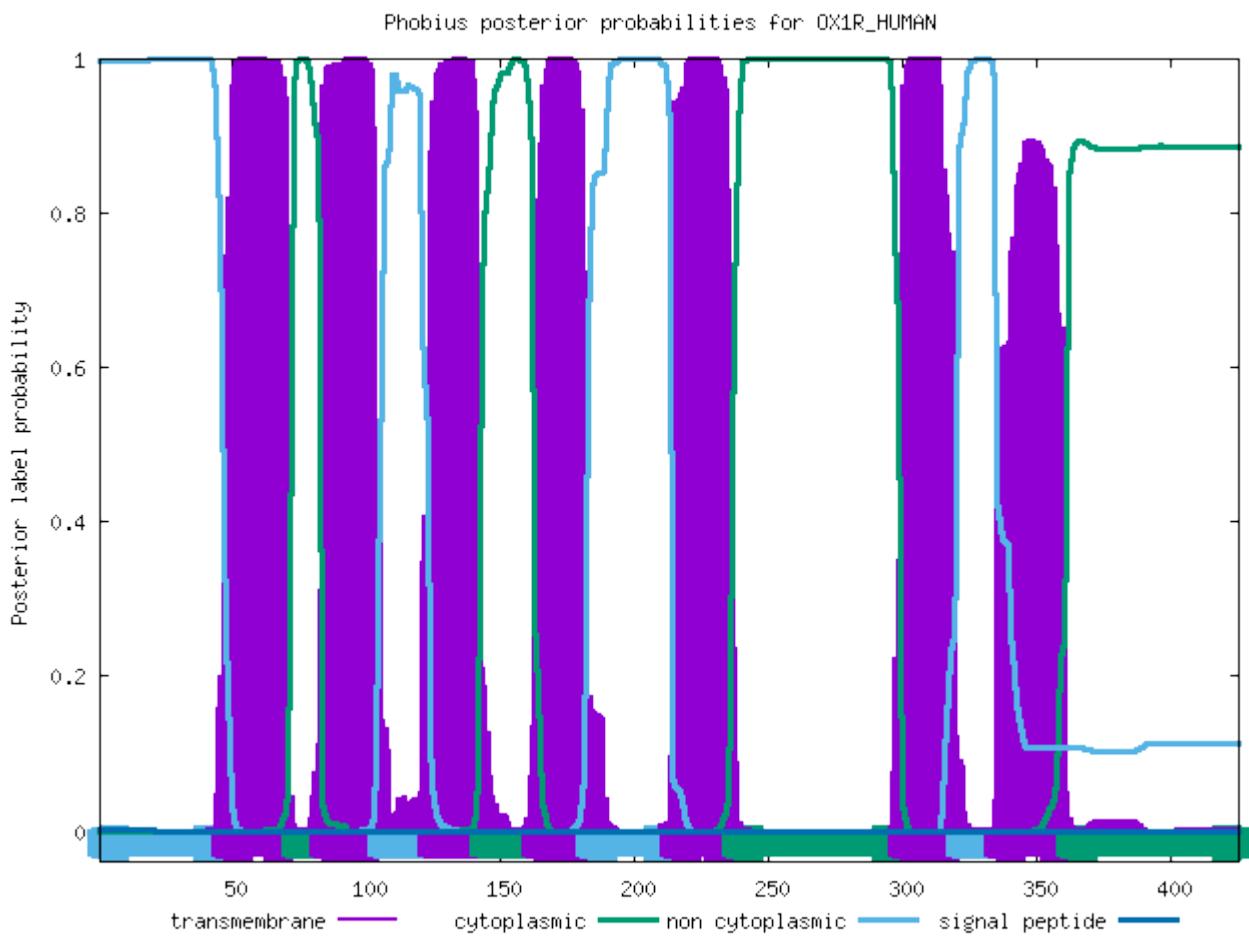
| ID | GP183_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 57 | |
| FT | TOPO_DOM | 58 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 93 | |
| FT | TOPO_DOM | 94 | 104 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 127 | |
| FT | TOPO_DOM | 128 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 168 | |
| FT | TOPO_DOM | 169 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 221 | |
| FT | TOPO_DOM | 222 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 269 | |
| FT | TOPO_DOM | 270 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 311 | |
| FT | TOPO_DOM | 312 | 361 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OX1R_HUMAN

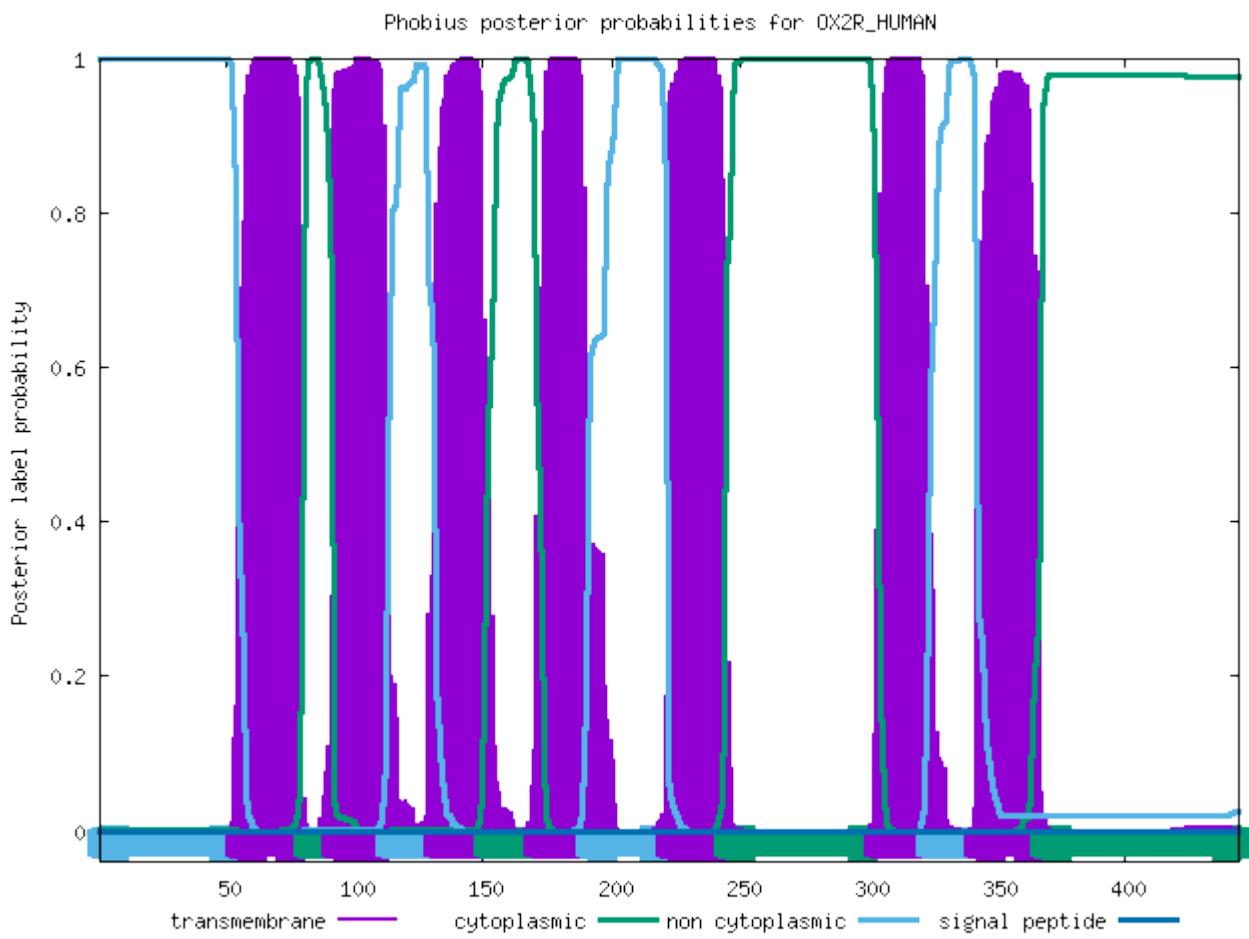
| ID | OX1R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 46 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 47 | 72 | |
| FT | TOPO_DOM | 73 | 83 | CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 142 | |
| FT | TOPO_DOM | 143 | 162 | CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 182 | |
| FT | TOPO_DOM | 183 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 236 | |
| FT | TOPO_DOM | 237 | 298 | CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 320 | |
| FT | TOPO_DOM | 321 | 334 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 335 | 361 | |
| FT | TOPO_DOM | 362 | 425 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OX2R_HUMAN

| ID | OX2R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 54 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 80 | |
| FT | TOPO_DOM | 81 | 91 | CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 112 | |
| FT | TOPO_DOM | 113 | 131 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 132 | 150 | |
| FT | TOPO_DOM | 151 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 190 | |
| FT | TOPO_DOM | 191 | 221 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 244 | |
| FT | TOPO_DOM | 245 | 302 | CYTOPLASMIC. |
| FT | TRANSMEM | 303 | 322 | |
| FT | TOPO_DOM | 323 | 341 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 342 | 367 | |
| FT | TOPO_DOM | 368 | 444 | CYTOPLASMIC. |
| // | | | | |

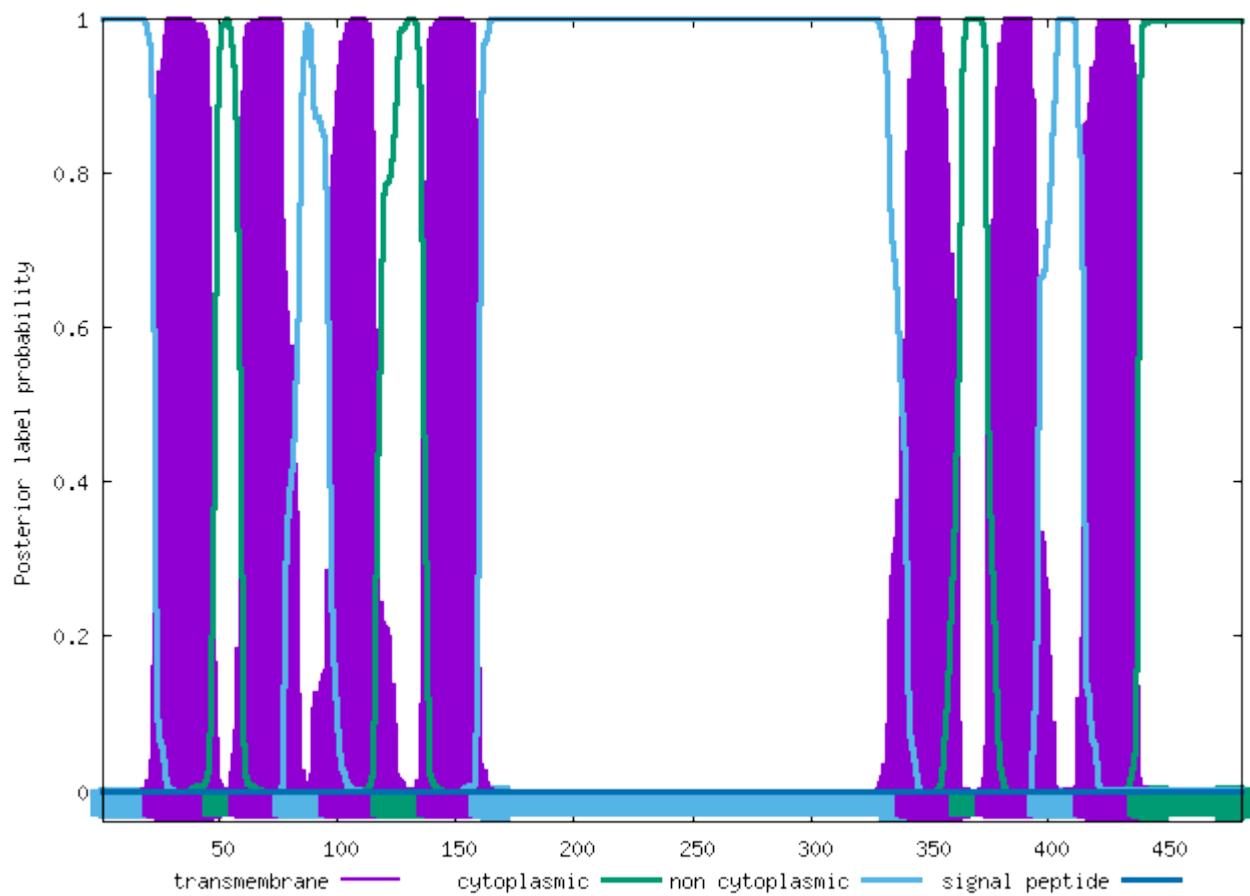


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of C3AR_HUMAN

| ID | C3AR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 47 | |
| FT | TOPO_DOM | 48 | 58 | CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 77 | |
| FT | TOPO_DOM | 78 | 96 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 118 | |
| FT | TOPO_DOM | 119 | 138 | CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 160 | |
| FT | TOPO_DOM | 161 | 340 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 363 | |
| FT | TOPO_DOM | 364 | 374 | CYTOPLASMIC. |
| FT | TRANSMEM | 375 | 396 | |
| FT | TOPO_DOM | 397 | 415 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 416 | 438 | |
| FT | TOPO_DOM | 439 | 482 | CYTOPLASMIC. |
| // | | | | |

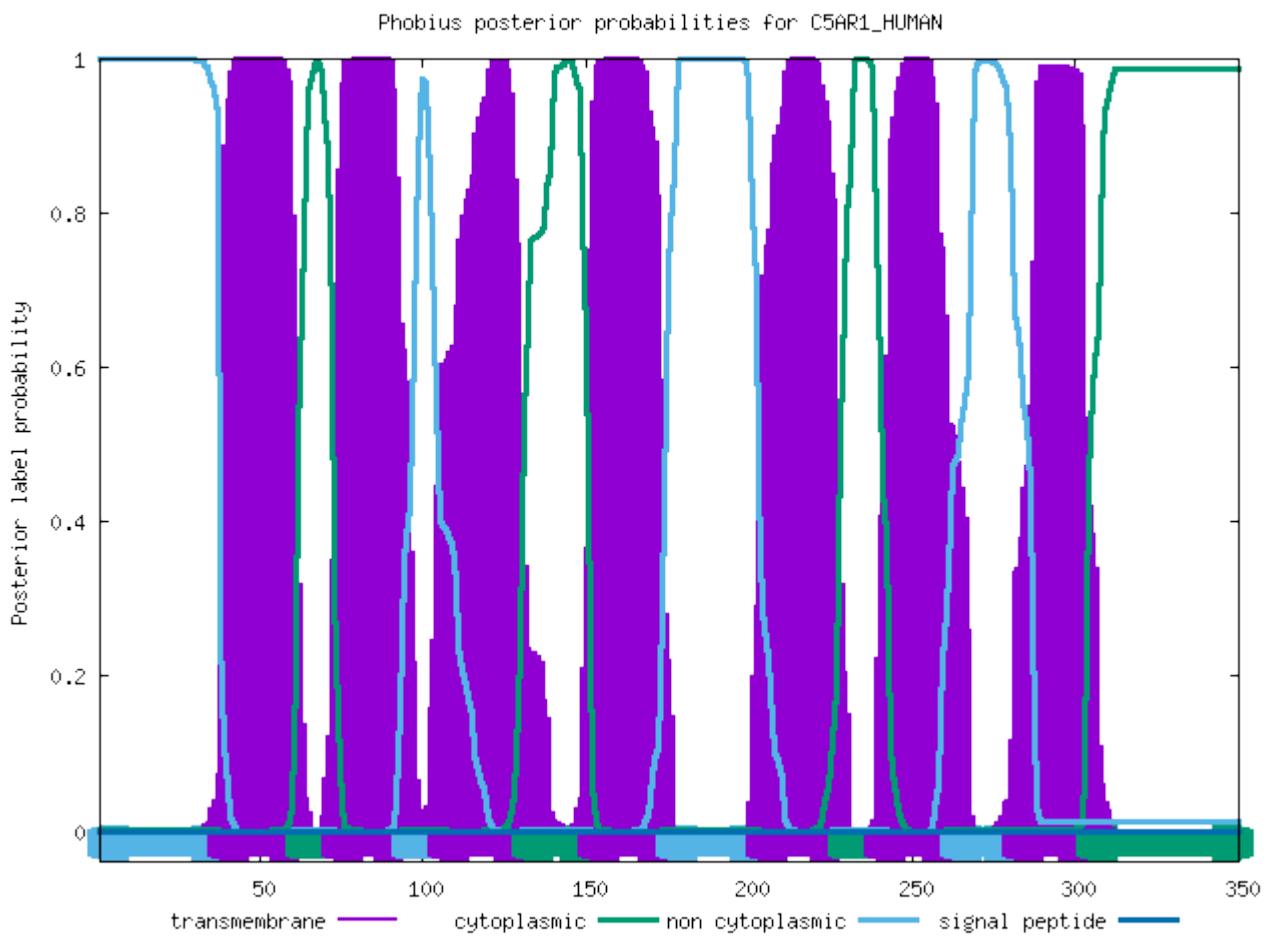
Phobius posterior probabilities for C5AR_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of C5AR1_HUMAN

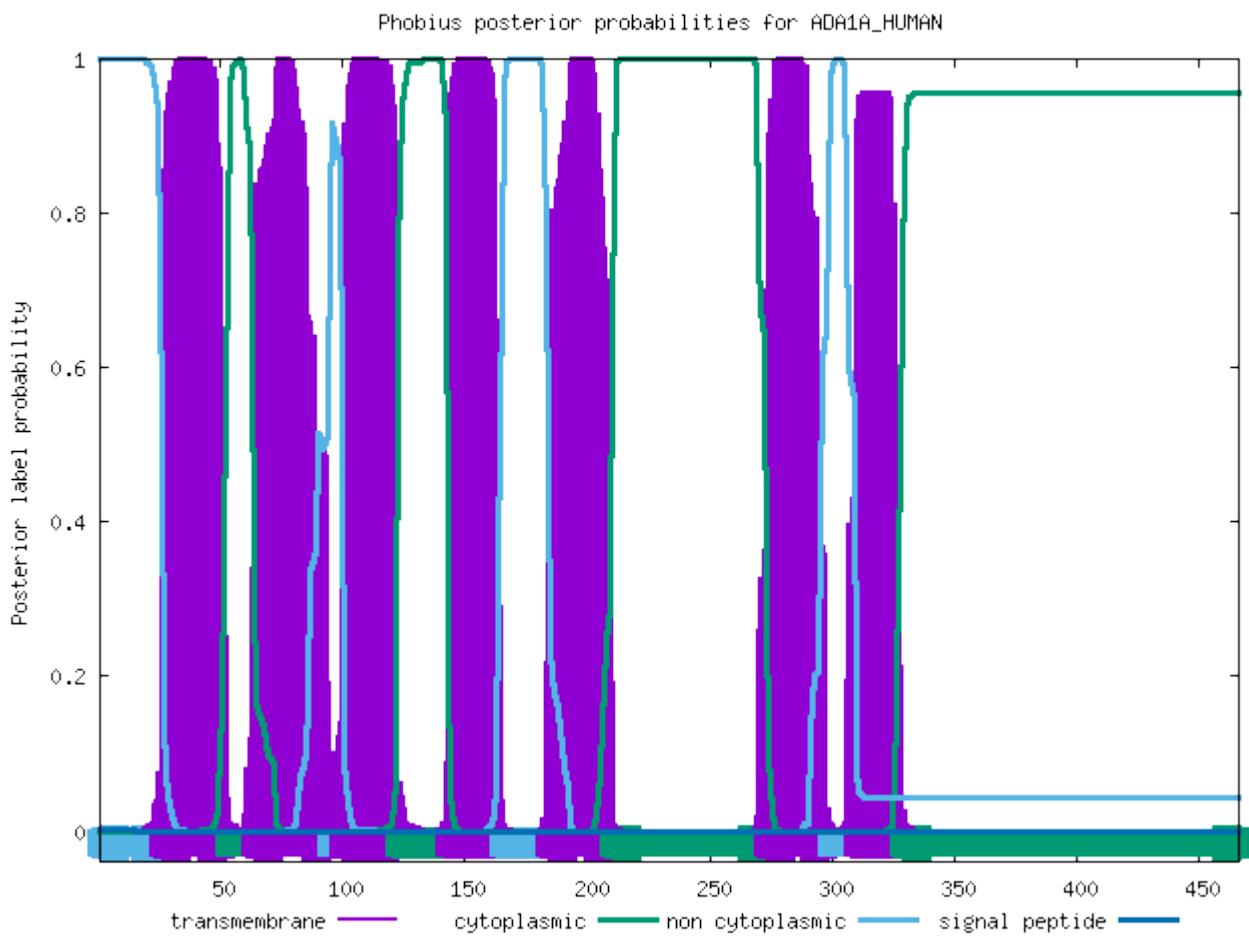
| ID | C5AR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 61 | |
| FT | TOPO_DOM | 62 | 72 | CYTOPLASMIC. |
| FT | TRANSMEM | 73 | 93 | |
| FT | TOPO_DOM | 94 | 104 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 130 | |
| FT | TOPO_DOM | 131 | 150 | CYTOPLASMIC. |
| FT | TRANSMEM | 151 | 174 | |
| FT | TOPO_DOM | 175 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 227 | |
| FT | TOPO_DOM | 228 | 238 | CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 261 | |
| FT | TOPO_DOM | 262 | 280 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 303 | |
| FT | TOPO_DOM | 304 | 350 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADA1A_HUMAN

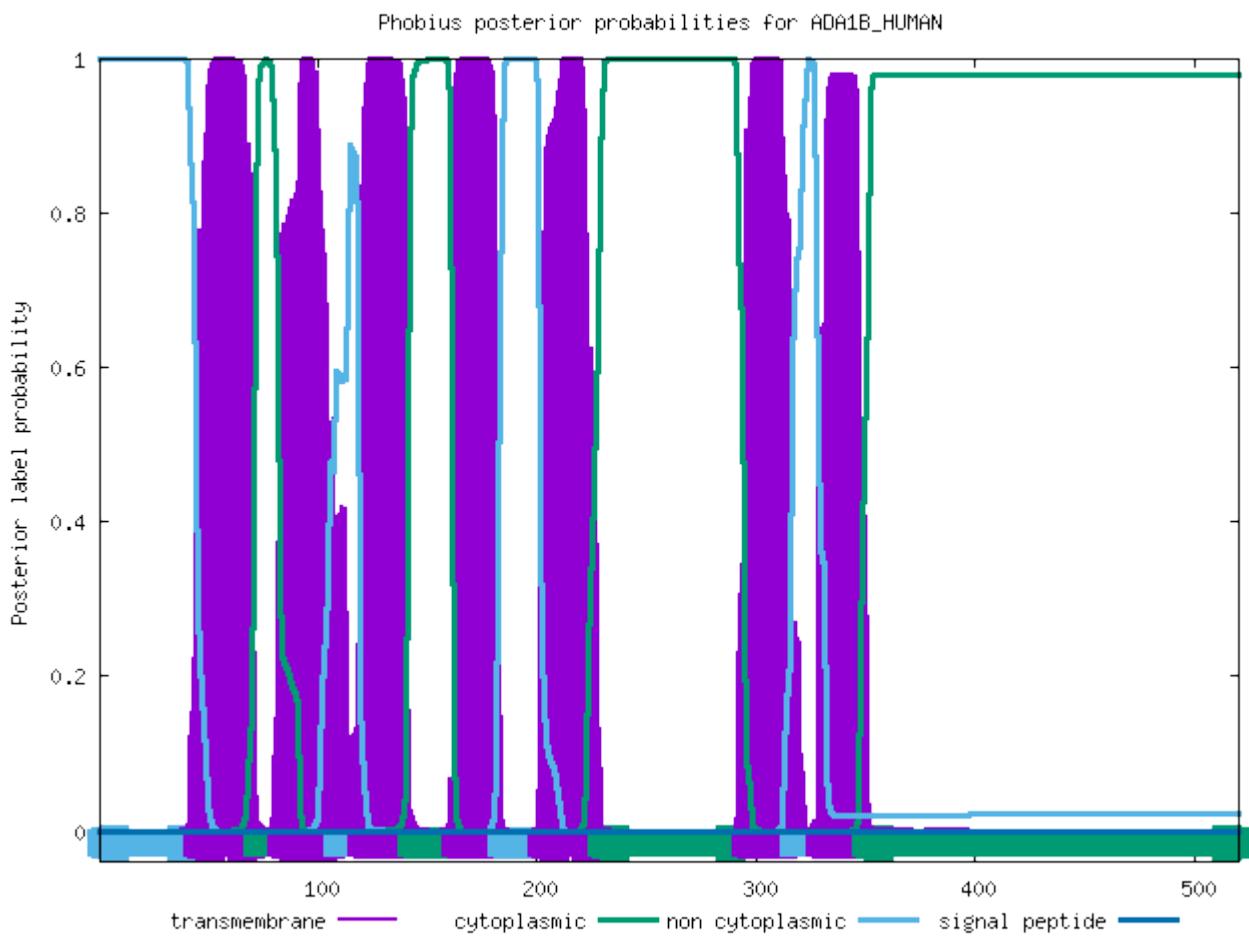
| ID | ADA1A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 94 | |
| FT | TOPO_DOM | 95 | 99 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 122 | |
| FT | TOPO_DOM | 123 | 142 | CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 164 | |
| FT | TOPO_DOM | 165 | 183 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 184 | 209 | |
| FT | TOPO_DOM | 210 | 272 | CYTOPLASMIC. |
| FT | TRANSMEM | 273 | 298 | |
| FT | TOPO_DOM | 299 | 309 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 328 | |
| FT | TOPO_DOM | 329 | 466 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADA1B_HUMAN

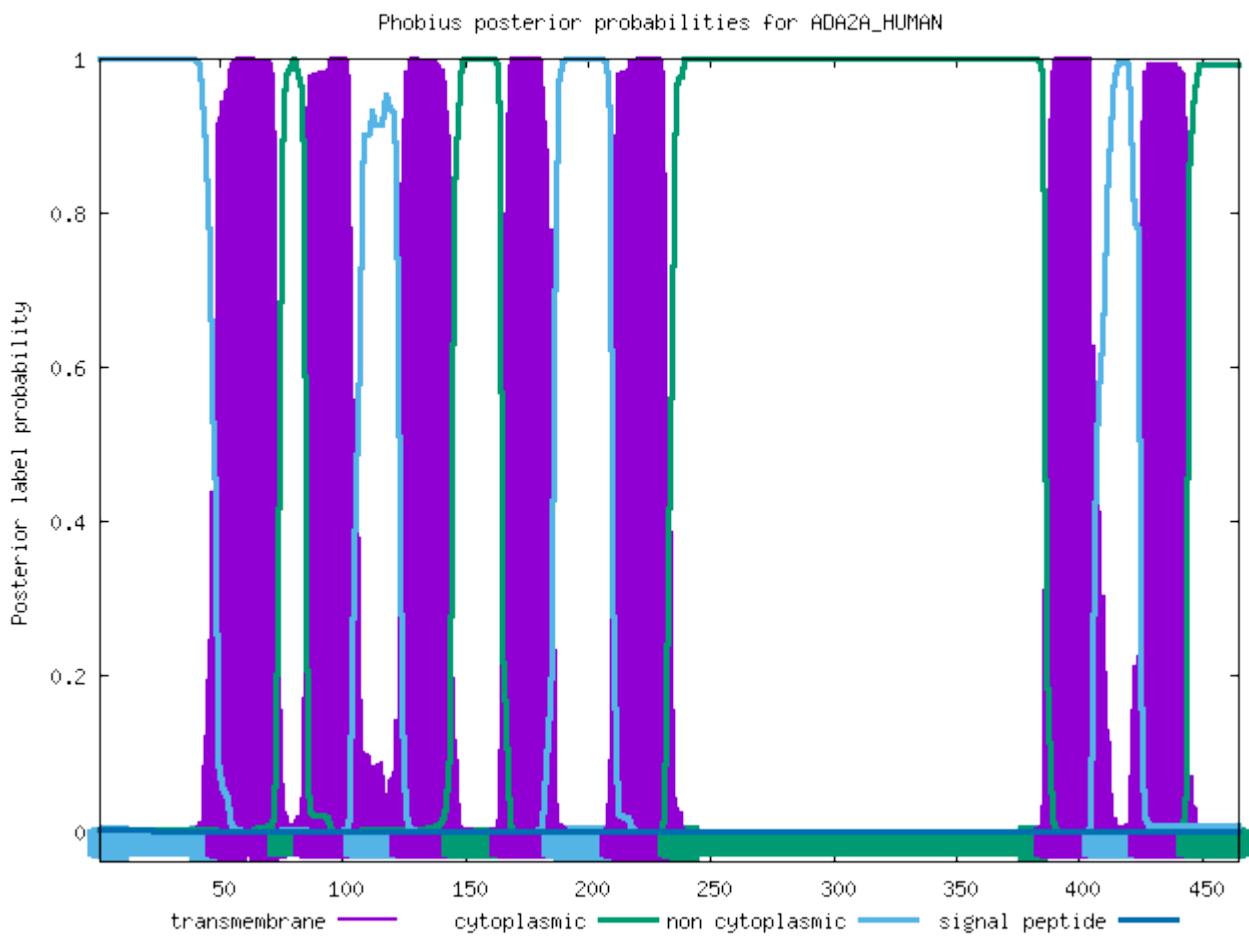
| ID | ADA1B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 44 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 71 | |
| FT | TOPO_DOM | 72 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 108 | |
| FT | TOPO_DOM | 109 | 119 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 120 | 141 | |
| FT | TOPO_DOM | 142 | 161 | CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 182 | |
| FT | TOPO_DOM | 183 | 201 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 228 | |
| FT | TOPO_DOM | 229 | 294 | CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 316 | |
| FT | TOPO_DOM | 317 | 327 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 328 | 348 | |
| FT | TOPO_DOM | 349 | 520 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADA2A_HUMAN

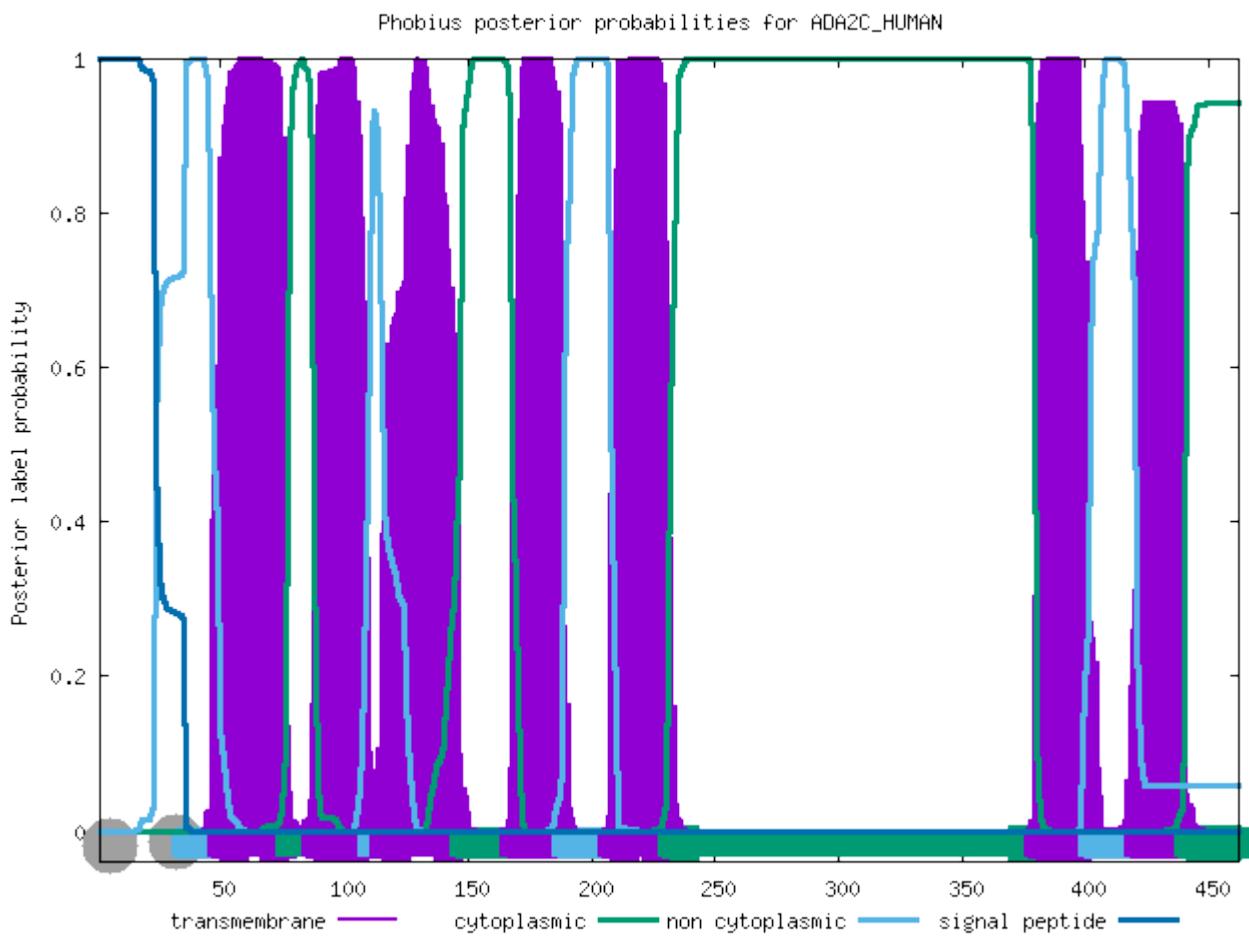
| ID | ADA2A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 73 | |
| FT | TOPO_DOM | 74 | 84 | CYTOPLASMIC. |
| FT | TRANSMEM | 85 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 144 | |
| FT | TOPO_DOM | 145 | 164 | CYTOPLASMIC. |
| FT | TRANSMEM | 165 | 185 | |
| FT | TOPO_DOM | 186 | 209 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 232 | |
| FT | TOPO_DOM | 233 | 386 | CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 405 | |
| FT | TOPO_DOM | 406 | 424 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 425 | 444 | |
| FT | TOPO_DOM | 445 | 465 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADA2C_HUMAN

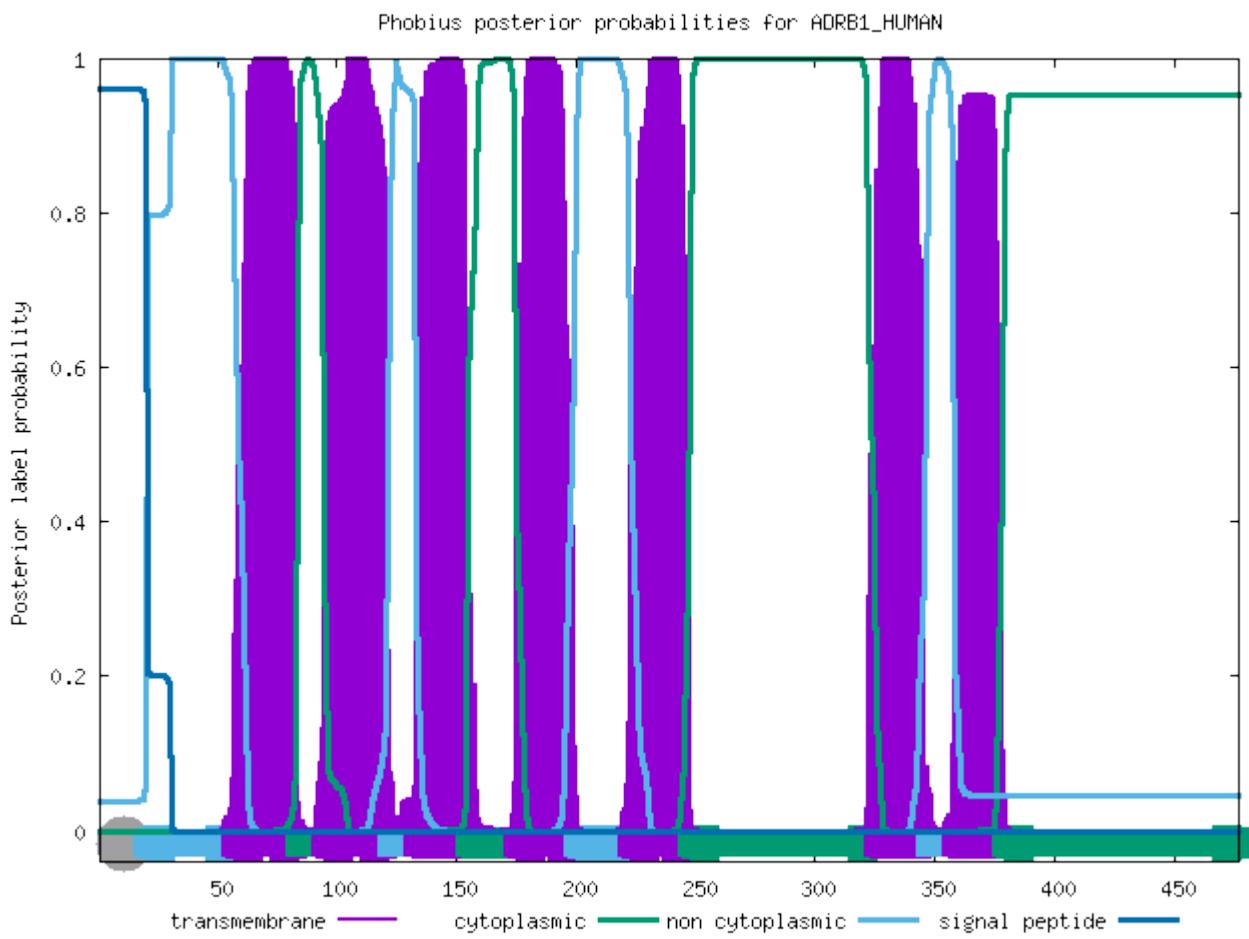
| ID | ADA2C_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 49 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 76 | |
| FT | TOPO_DOM | 77 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 109 | |
| FT | TOPO_DOM | 110 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 147 | |
| FT | TOPO_DOM | 148 | 167 | CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 188 | |
| FT | TOPO_DOM | 189 | 207 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 231 | |
| FT | TOPO_DOM | 232 | 379 | CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 401 | |
| FT | TOPO_DOM | 402 | 420 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 421 | 440 | |
| FT | TOPO_DOM | 441 | 462 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADRB1_HUMAN

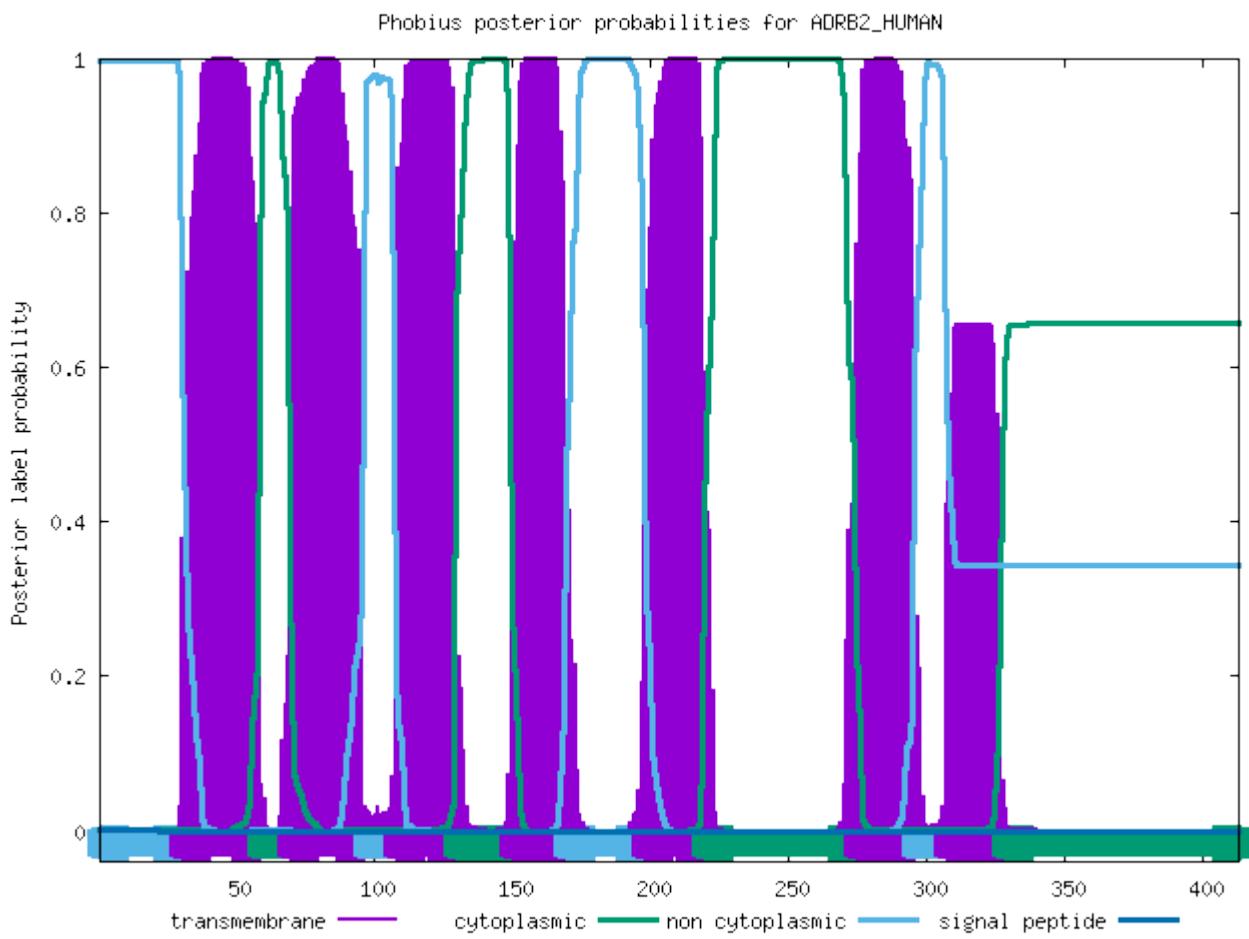
| ID | ADRB1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 11 | H-REGION. |
| FT | REGION | 12 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 56 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 83 | |
| FT | TOPO_DOM | 84 | 94 | CYTOPLASMIC. |
| FT | TRANSMEM | 95 | 121 | |
| FT | TOPO_DOM | 122 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 154 | |
| FT | TOPO_DOM | 155 | 174 | CYTOPLASMIC. |
| FT | TRANSMEM | 175 | 199 | |
| FT | TOPO_DOM | 200 | 222 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 247 | |
| FT | TOPO_DOM | 248 | 325 | CYTOPLASMIC. |
| FT | TRANSMEM | 326 | 346 | |
| FT | TOPO_DOM | 347 | 357 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 358 | 378 | |
| FT | TOPO_DOM | 379 | 477 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ADRB2_HUMAN

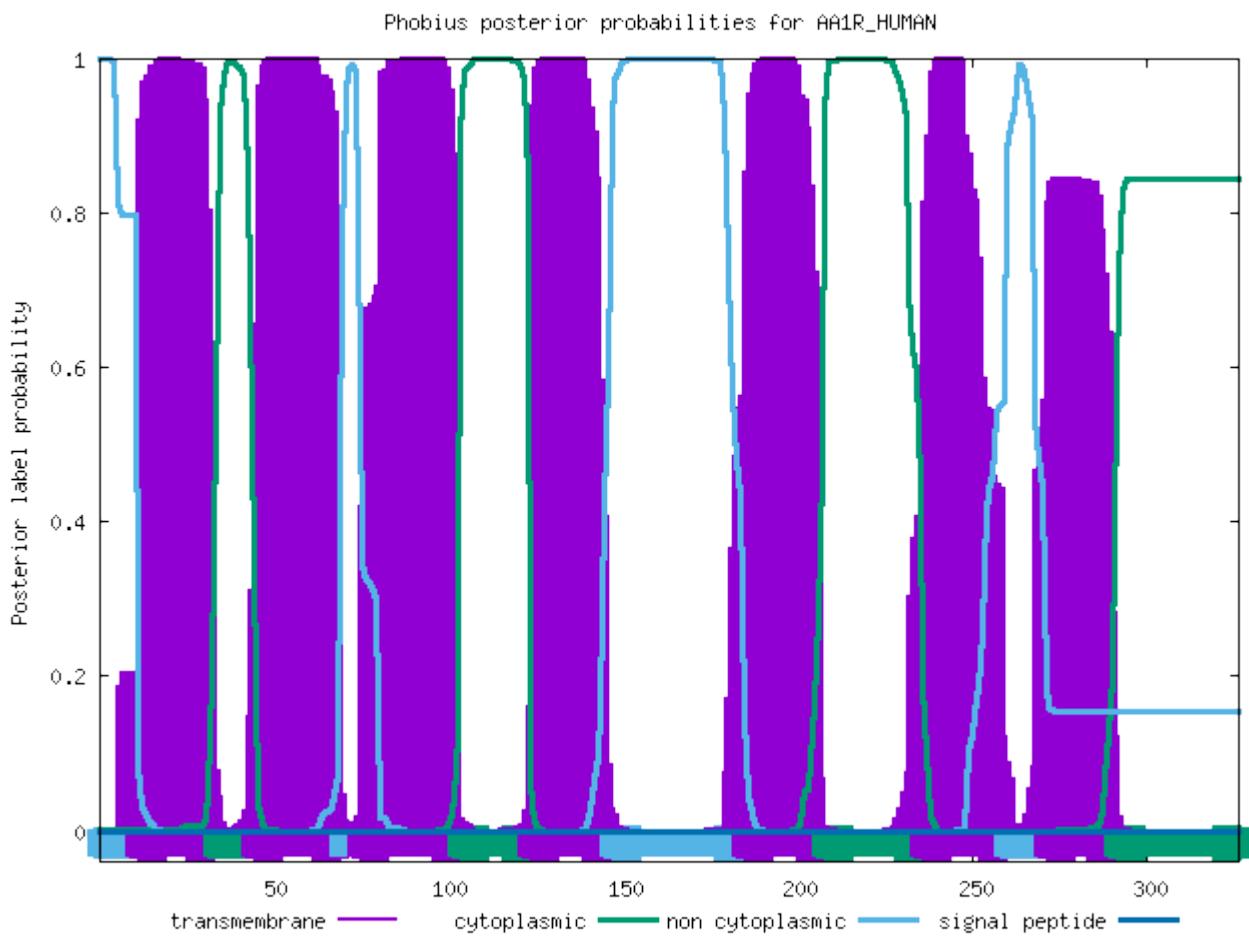
| ID | ADRB2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 58 | |
| FT | TOPO_DOM | 59 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 96 | |
| FT | TOPO_DOM | 97 | 107 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 129 | |
| FT | TOPO_DOM | 130 | 149 | CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 169 | |
| FT | TOPO_DOM | 170 | 197 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 219 | |
| FT | TOPO_DOM | 220 | 274 | CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 295 | |
| FT | TOPO_DOM | 296 | 306 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 327 | |
| FT | TOPO_DOM | 328 | 413 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AA1R_HUMAN

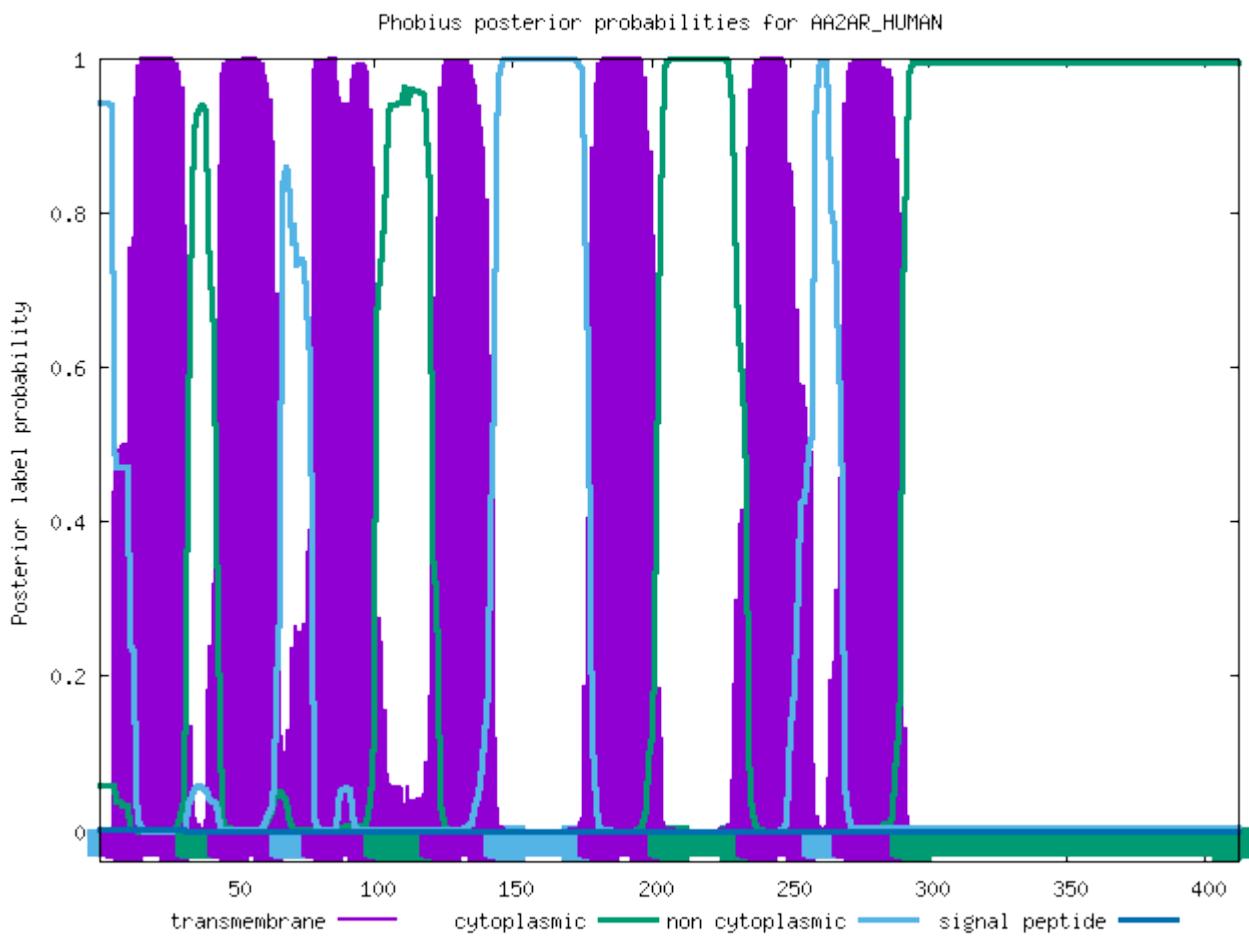
| ID | AA1R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 33 | |
| FT | TOPO_DOM | 34 | 44 | CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 69 | |
| FT | TOPO_DOM | 70 | 74 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 75 | 103 | |
| FT | TOPO_DOM | 104 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 146 | |
| FT | TOPO_DOM | 147 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 207 | |
| FT | TOPO_DOM | 208 | 235 | CYTOPLASMIC. |
| FT | TRANSMEM | 236 | 259 | |
| FT | TOPO_DOM | 260 | 270 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 290 | |
| FT | TOPO_DOM | 291 | 326 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AA2AR_HUMAN

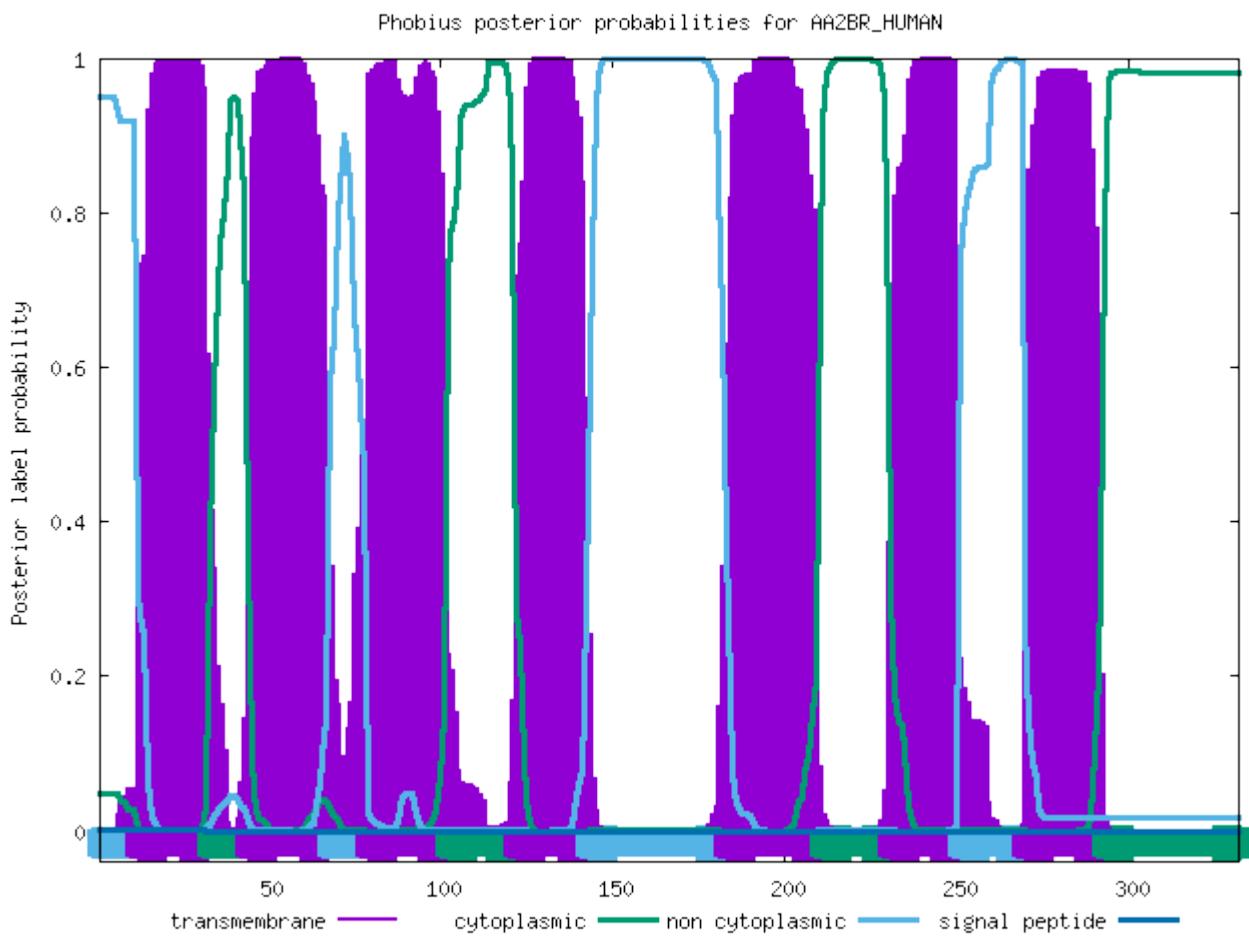
| ID | AA2AR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 32 | |
| FT | TOPO_DOM | 33 | 43 | CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 66 | |
| FT | TOPO_DOM | 67 | 77 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 100 | |
| FT | TOPO_DOM | 101 | 120 | CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 143 | |
| FT | TOPO_DOM | 144 | 177 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 202 | |
| FT | TOPO_DOM | 203 | 234 | CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 258 | |
| FT | TOPO_DOM | 259 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 290 | |
| FT | TOPO_DOM | 291 | 412 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AA2BR_HUMAN

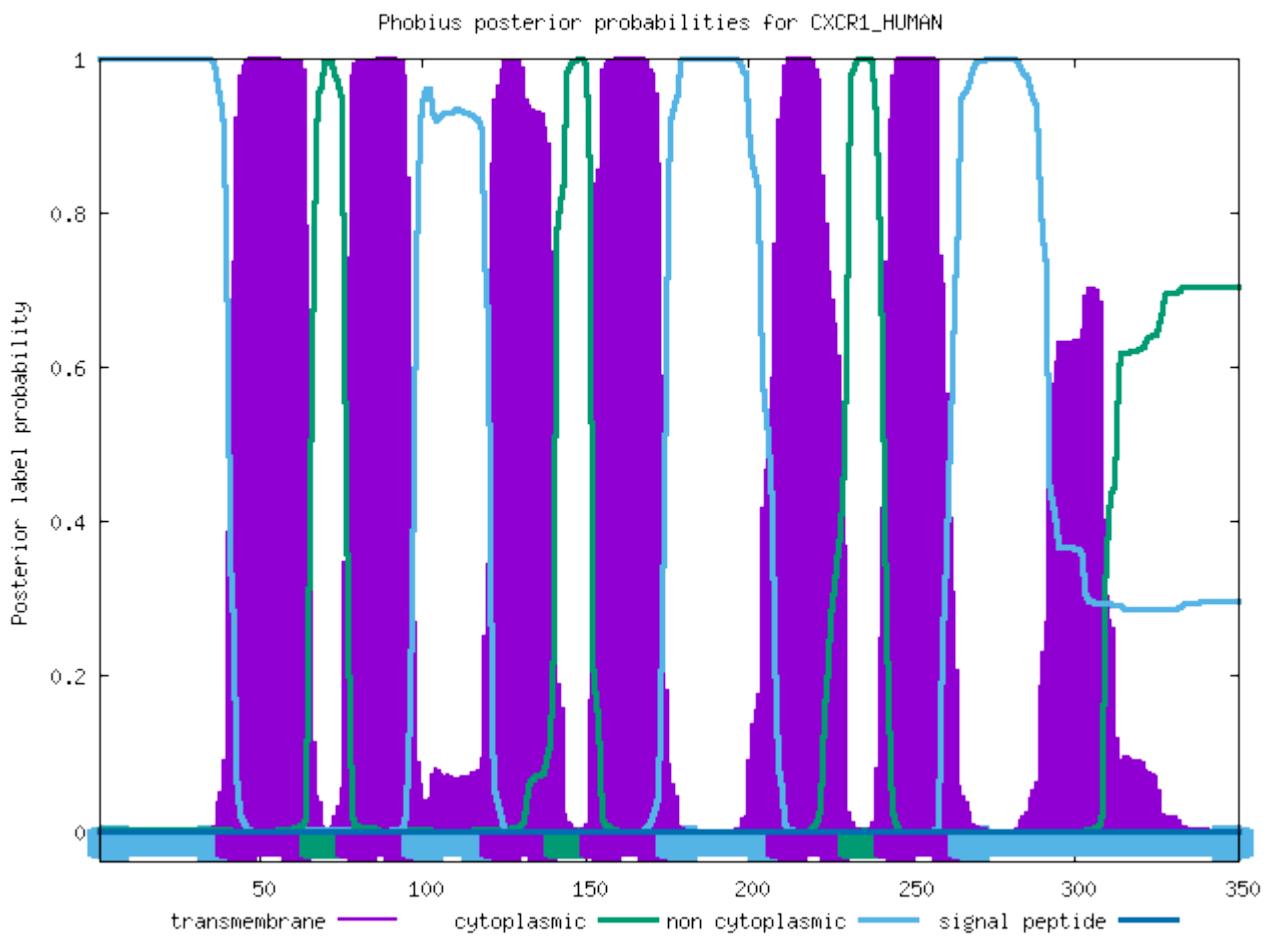
| ID | AA2BR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 32 | |
| FT | TOPO_DOM | 33 | 43 | CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 67 | |
| FT | TOPO_DOM | 68 | 78 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 101 | |
| FT | TOPO_DOM | 102 | 121 | CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 142 | |
| FT | TOPO_DOM | 143 | 182 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 210 | |
| FT | TOPO_DOM | 211 | 230 | CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 250 | |
| FT | TOPO_DOM | 251 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 292 | |
| FT | TOPO_DOM | 293 | 332 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXCR1_HUMAN

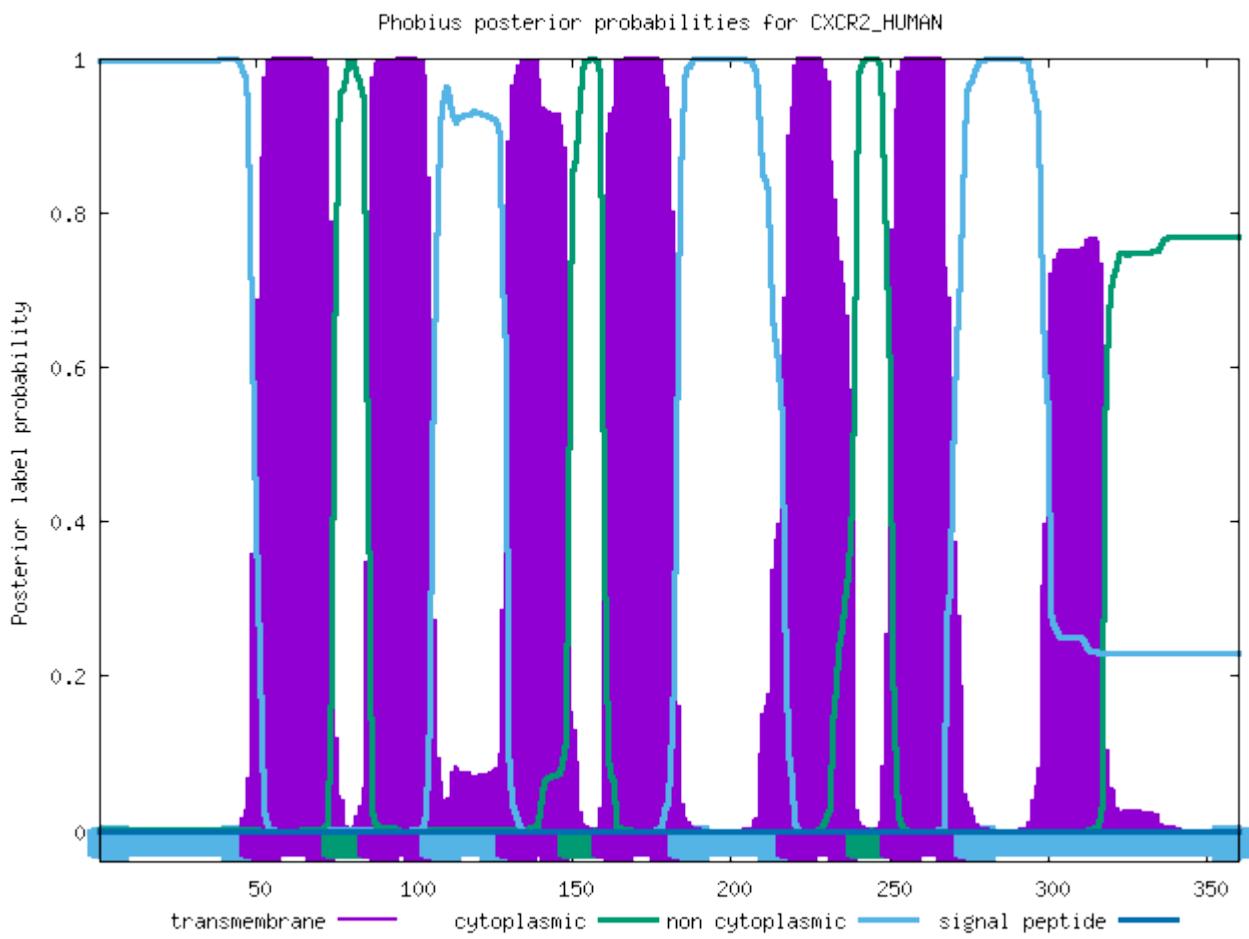
| ID | CXCR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 96 | |
| FT | TOPO_DOM | 97 | 120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 140 | |
| FT | TOPO_DOM | 141 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 174 | |
| FT | TOPO_DOM | 175 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 230 | |
| FT | TOPO_DOM | 231 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 264 | |
| FT | TOPO_DOM | 265 | 350 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXCR2_HUMAN

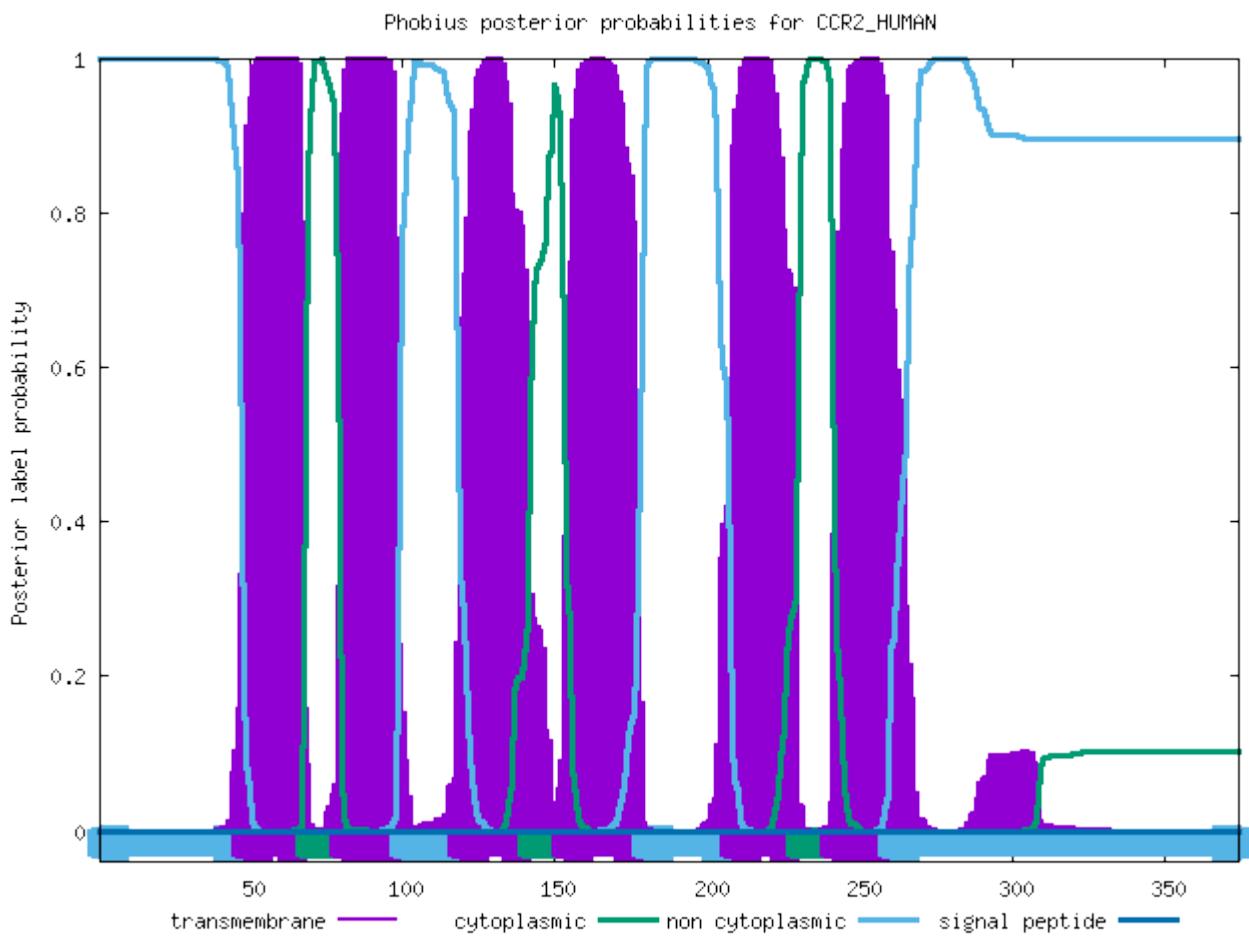
| ID | CXCR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 74 | |
| FT | TOPO_DOM | 75 | 85 | CYTOPLASMIC. |
| FT | TRANSMEM | 86 | 105 | |
| FT | TOPO_DOM | 106 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 148 | |
| FT | TOPO_DOM | 149 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 183 | |
| FT | TOPO_DOM | 184 | 217 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 218 | 239 | |
| FT | TOPO_DOM | 240 | 250 | CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 273 | |
| FT | TOPO_DOM | 274 | 360 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR2_HUMAN

| ID | CCR2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 47 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 48 | 68 | |
| FT | TOPO_DOM | 69 | 79 | CYTOPLASMIC. |
| FT | TRANSMEM | 80 | 99 | |
| FT | TOPO_DOM | 100 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 141 | |
| FT | TOPO_DOM | 142 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 178 | |
| FT | TOPO_DOM | 179 | 207 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 229 | |
| FT | TOPO_DOM | 230 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 259 | |
| FT | TOPO_DOM | 260 | 374 | NON CYTOPLASMIC. |
| // | | | | |

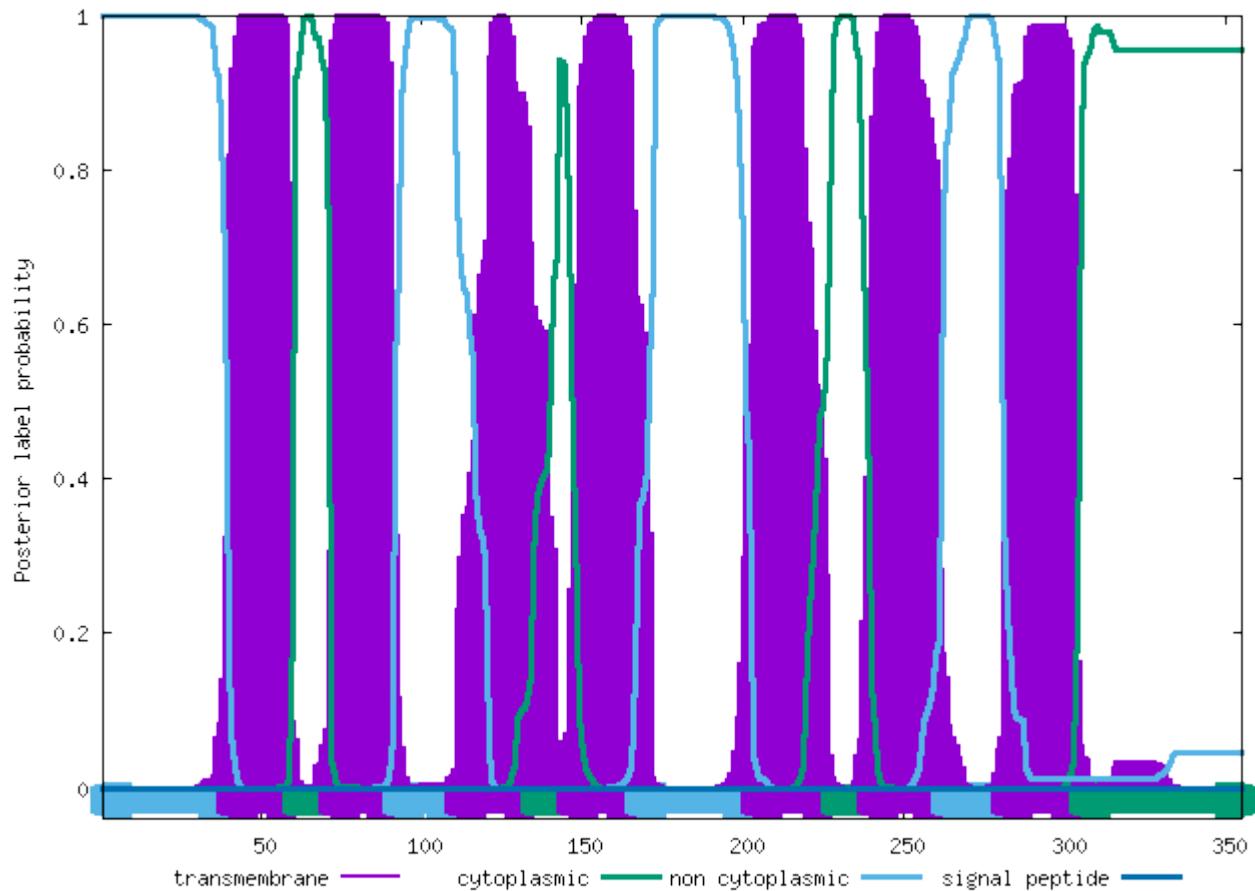


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR3_HUMAN

| ID | CCR3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 60 | |
| FT | TOPO_DOM | 61 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 91 | |
| FT | TOPO_DOM | 92 | 110 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 134 | |
| FT | TOPO_DOM | 135 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 166 | |
| FT | TOPO_DOM | 167 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 227 | |
| FT | TOPO_DOM | 228 | 238 | CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 261 | |
| FT | TOPO_DOM | 262 | 280 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 304 | |
| FT | TOPO_DOM | 305 | 355 | CYTOPLASMIC. |
| // | | | | |

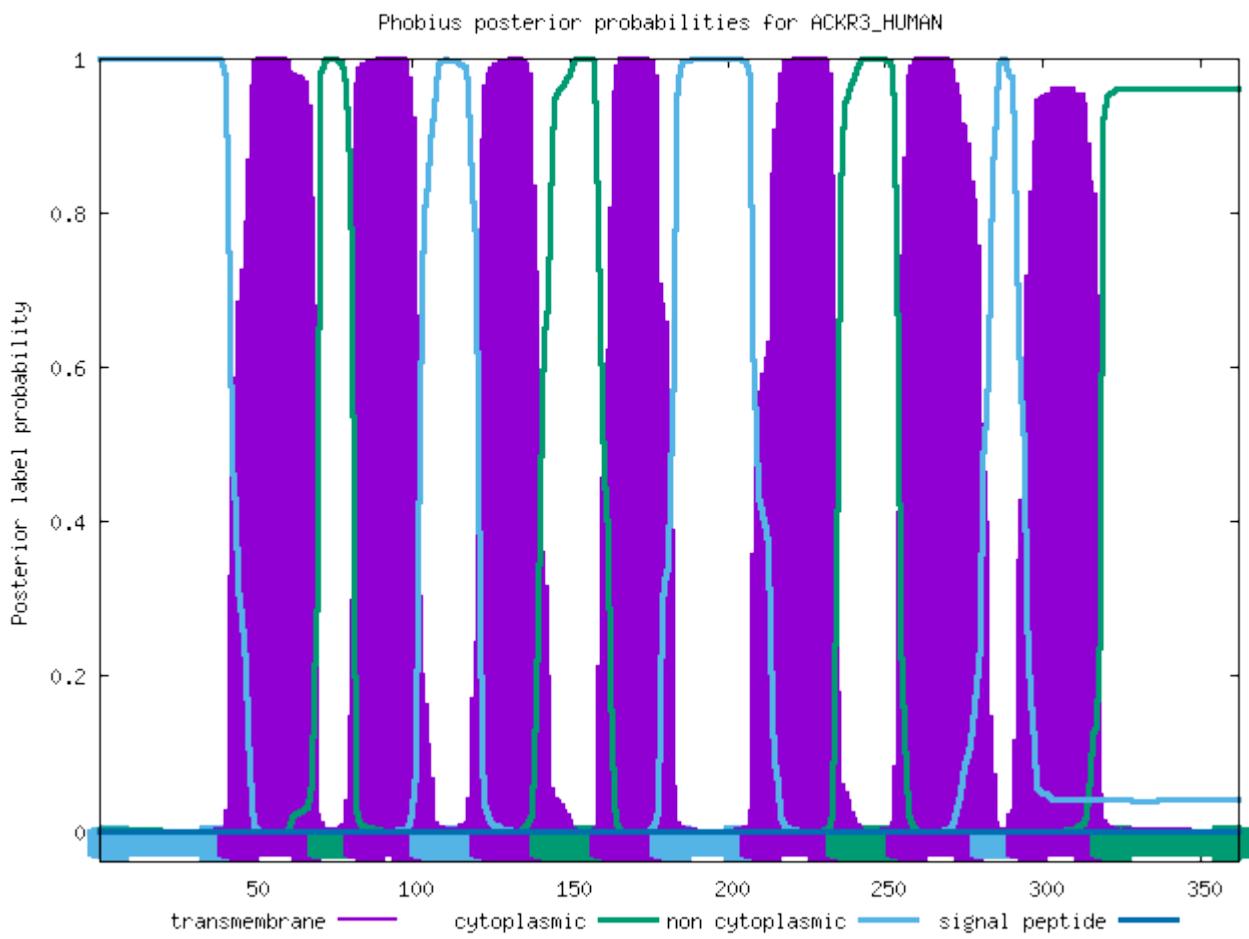
Phobius posterior probabilities for CCR3_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACKR3_HUMAN

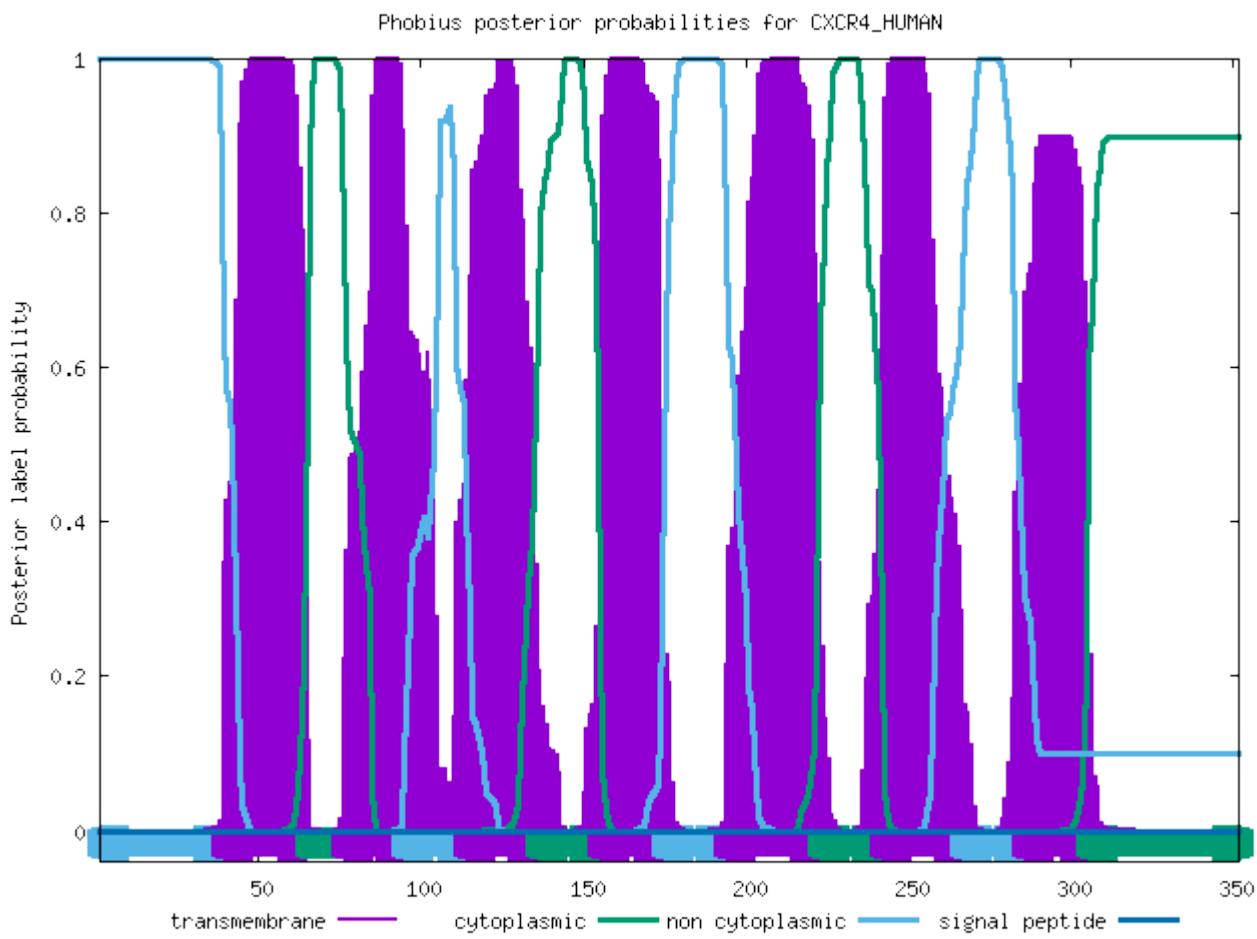
| ID | ACKR3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 41 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 42 | 70 | |
| FT | TOPO_DOM | 71 | 81 | CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 102 | |
| FT | TOPO_DOM | 103 | 121 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 140 | |
| FT | TOPO_DOM | 141 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 178 | |
| FT | TOPO_DOM | 179 | 207 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 234 | |
| FT | TOPO_DOM | 235 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 280 | |
| FT | TOPO_DOM | 281 | 291 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 292 | 318 | |
| FT | TOPO_DOM | 319 | 362 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CXCR4_HUMAN

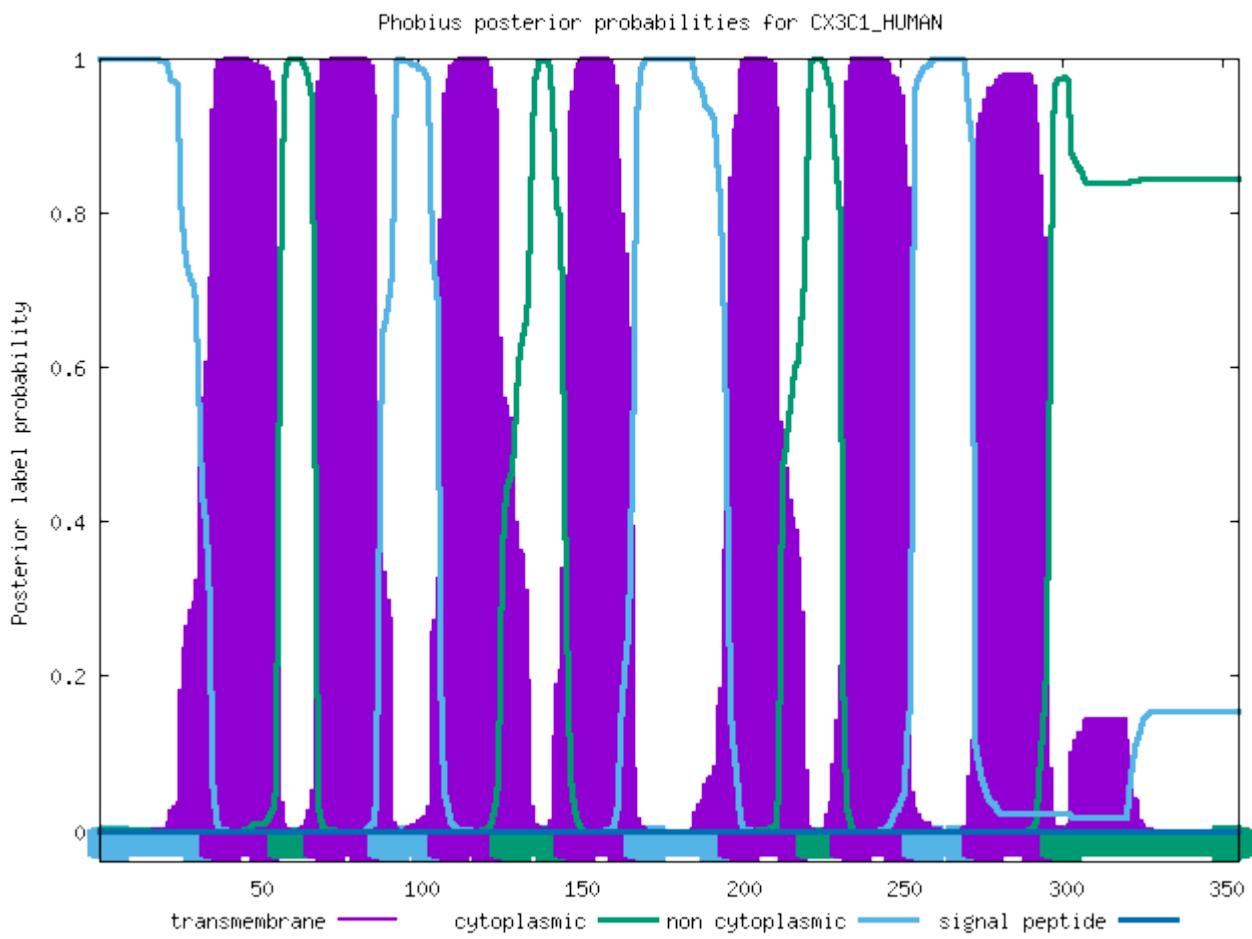
| ID | CXCR4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 38 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 94 | |
| FT | TOPO_DOM | 95 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 135 | |
| FT | TOPO_DOM | 136 | 154 | CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 174 | |
| FT | TOPO_DOM | 175 | 193 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 222 | |
| FT | TOPO_DOM | 223 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 266 | |
| FT | TOPO_DOM | 267 | 285 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 305 | |
| FT | TOPO_DOM | 306 | 352 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CX3C1_HUMAN

| ID | CX3C1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 56 | |
| FT | TOPO_DOM | 57 | 67 | CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 87 | |
| FT | TOPO_DOM | 88 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 125 | |
| FT | TOPO_DOM | 126 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 167 | |
| FT | TOPO_DOM | 168 | 196 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 220 | |
| FT | TOPO_DOM | 221 | 231 | CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 253 | |
| FT | TOPO_DOM | 254 | 272 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 273 | 296 | |
| FT | TOPO_DOM | 297 | 355 | CYTOPLASMIC. |
| // | | | | |

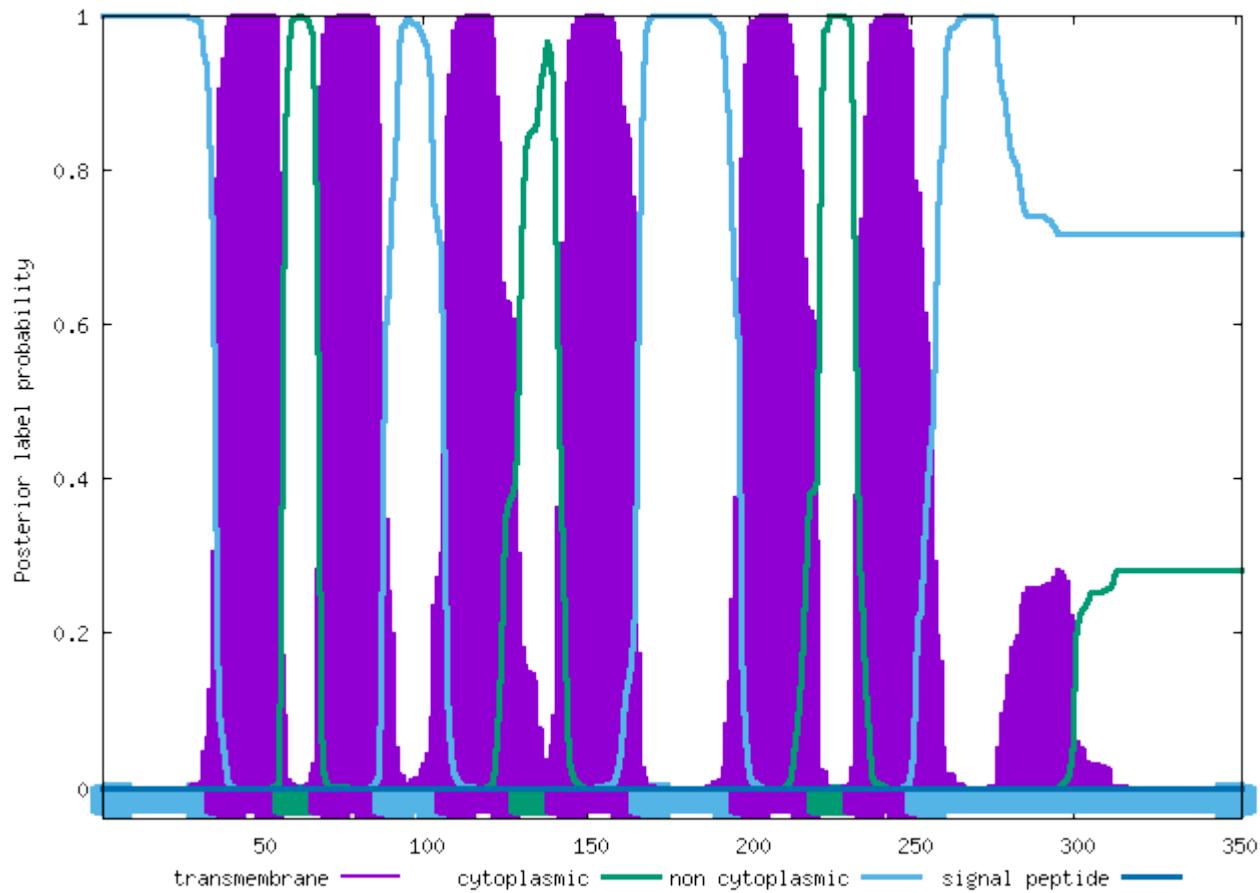


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR5_HUMAN

| ID | CCR5_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 56 | |
| FT | TOPO_DOM | 57 | 67 | CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 87 | |
| FT | TOPO_DOM | 88 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 129 | |
| FT | TOPO_DOM | 130 | 140 | CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 166 | |
| FT | TOPO_DOM | 167 | 197 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 221 | |
| FT | TOPO_DOM | 222 | 232 | CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 251 | |
| FT | TOPO_DOM | 252 | 352 | NON CYTOPLASMIC. |
| // | | | | |

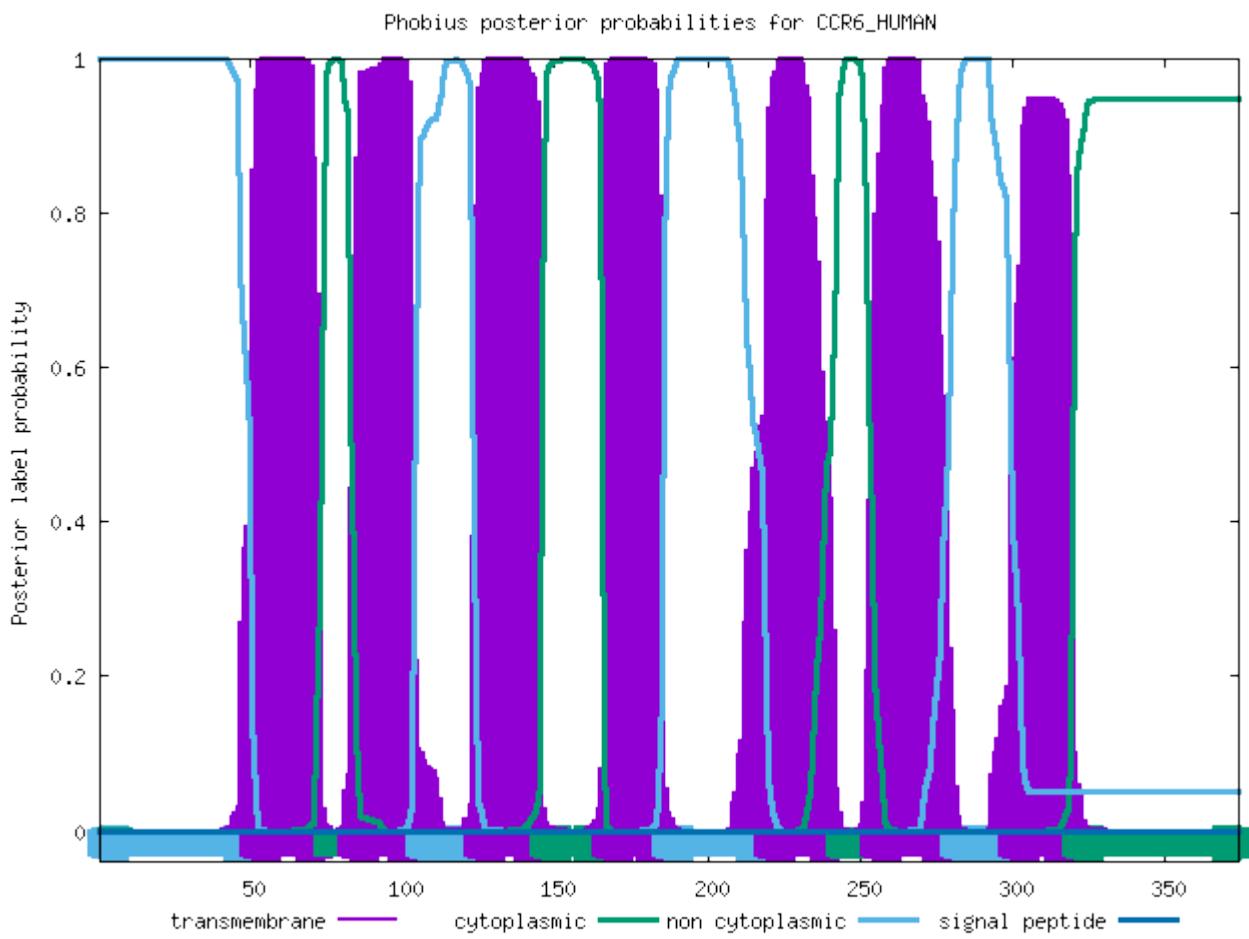
Phobius posterior probabilities for CCR5_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR6_HUMAN

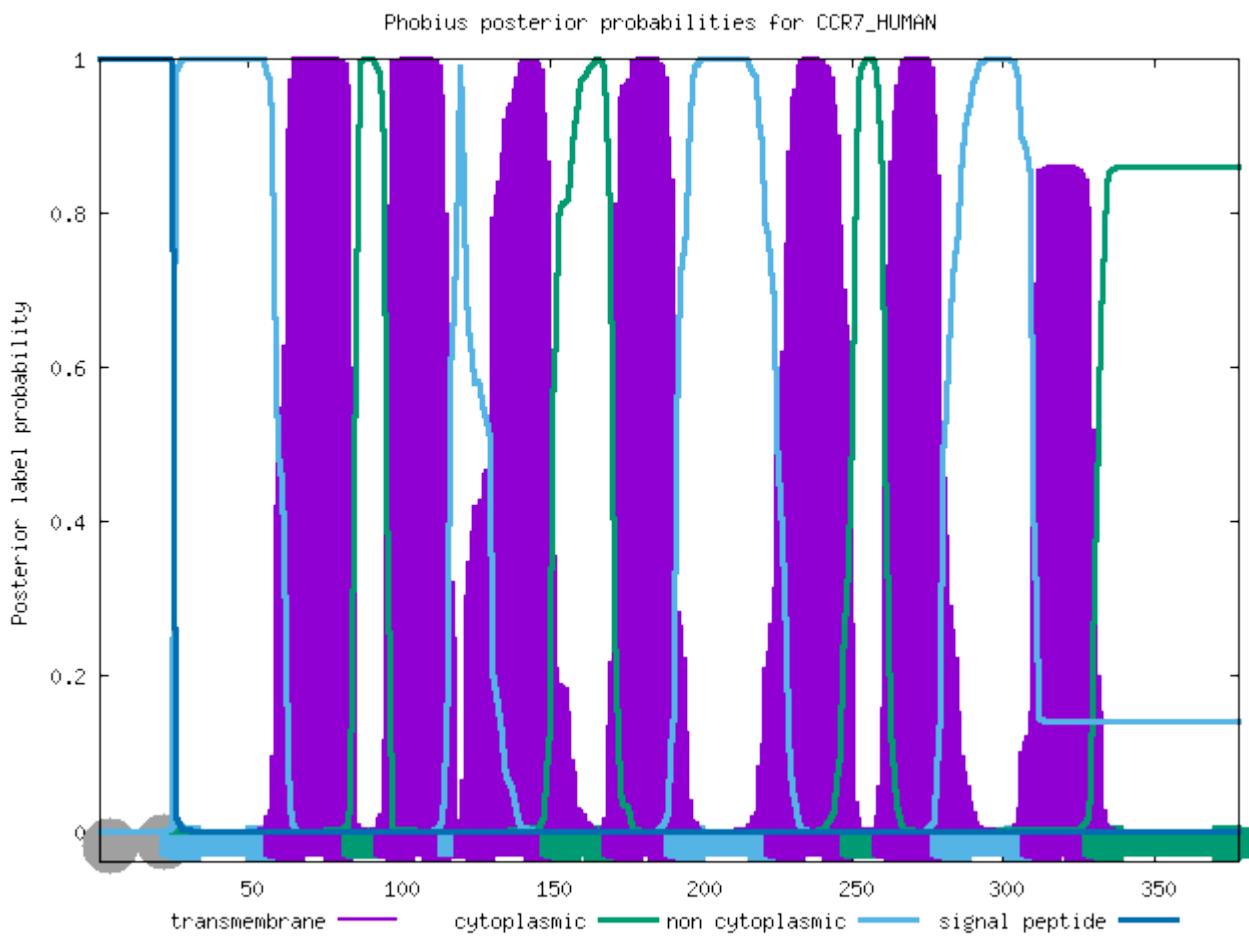
| ID | CCR6_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 50 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 51 | 74 | |
| FT | TOPO_DOM | 75 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 145 | |
| FT | TOPO_DOM | 146 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 185 | |
| FT | TOPO_DOM | 186 | 218 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 242 | |
| FT | TOPO_DOM | 243 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 279 | |
| FT | TOPO_DOM | 280 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 319 | |
| FT | TOPO_DOM | 320 | 374 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR7_HUMAN

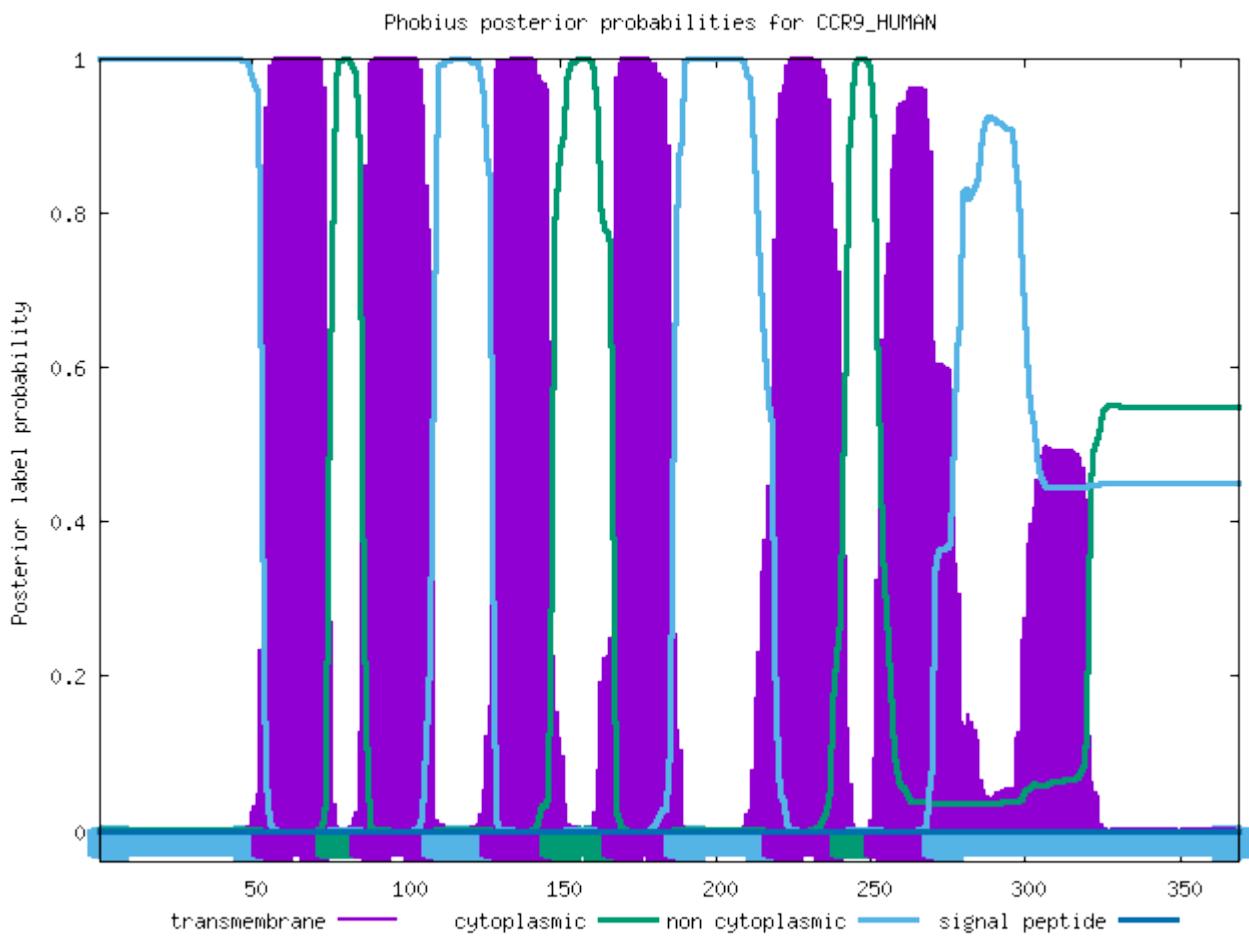
| ID | CCR7_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 19 | H-REGION. |
| FT | REGION | 20 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 58 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 84 | |
| FT | TOPO_DOM | 85 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 116 | |
| FT | TOPO_DOM | 117 | 121 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 150 | |
| FT | TOPO_DOM | 151 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 191 | |
| FT | TOPO_DOM | 192 | 224 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 225 | 249 | |
| FT | TOPO_DOM | 250 | 260 | CYTOPLASMIC. |
| FT | TRANSMEM | 261 | 279 | |
| FT | TOPO_DOM | 280 | 309 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 329 | |
| FT | TOPO_DOM | 330 | 378 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCR9_HUMAN

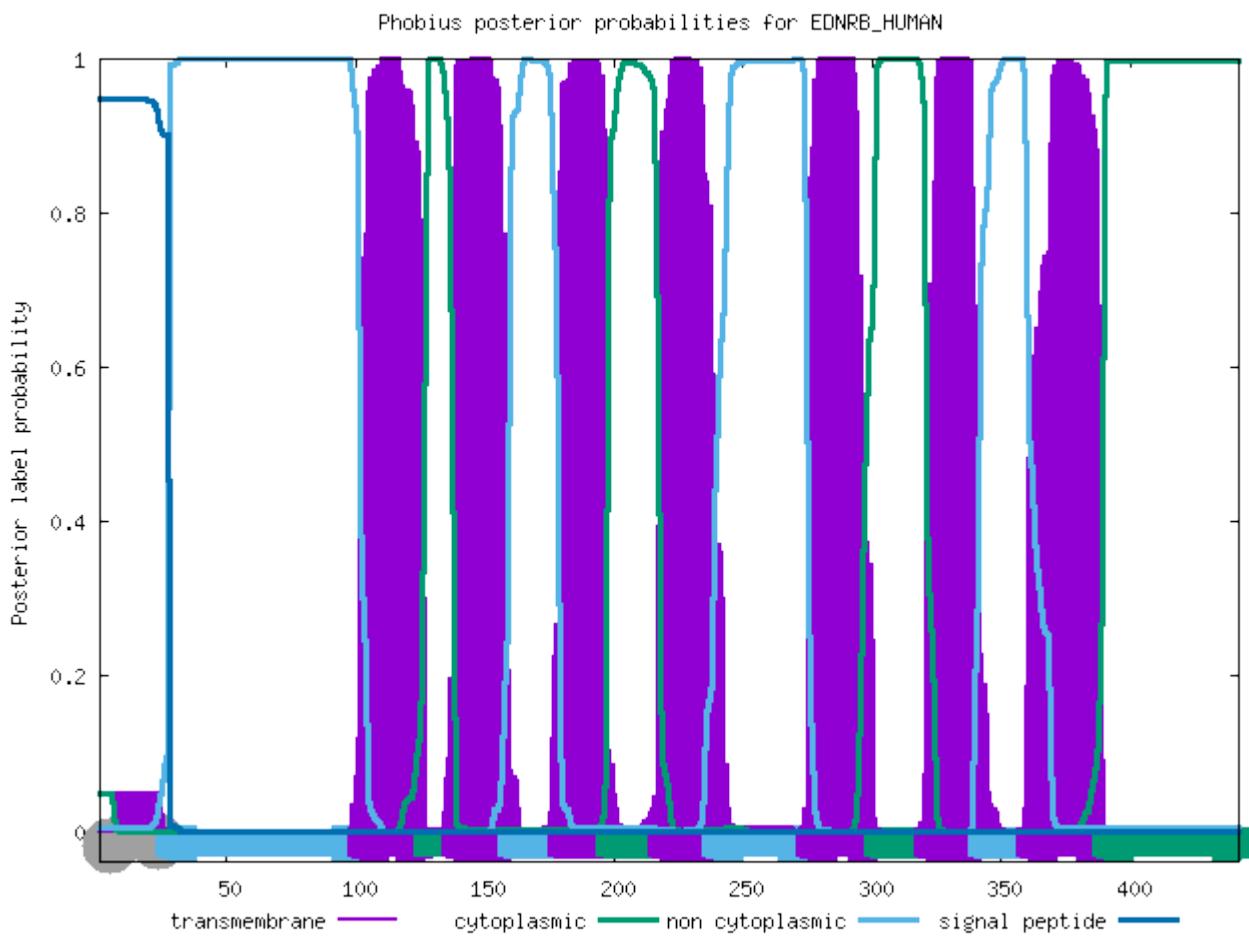
| ID | CCR9_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 53 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 74 | |
| FT | TOPO_DOM | 75 | 85 | CYTOPLASMIC. |
| FT | TRANSMEM | 86 | 108 | |
| FT | TOPO_DOM | 109 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 146 | |
| FT | TOPO_DOM | 147 | 166 | CYTOPLASMIC. |
| FT | TRANSMEM | 167 | 186 | |
| FT | TOPO_DOM | 187 | 218 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 240 | |
| FT | TOPO_DOM | 241 | 251 | CYTOPLASMIC. |
| FT | TRANSMEM | 252 | 270 | |
| FT | TOPO_DOM | 271 | 369 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EDNRB_HUMAN

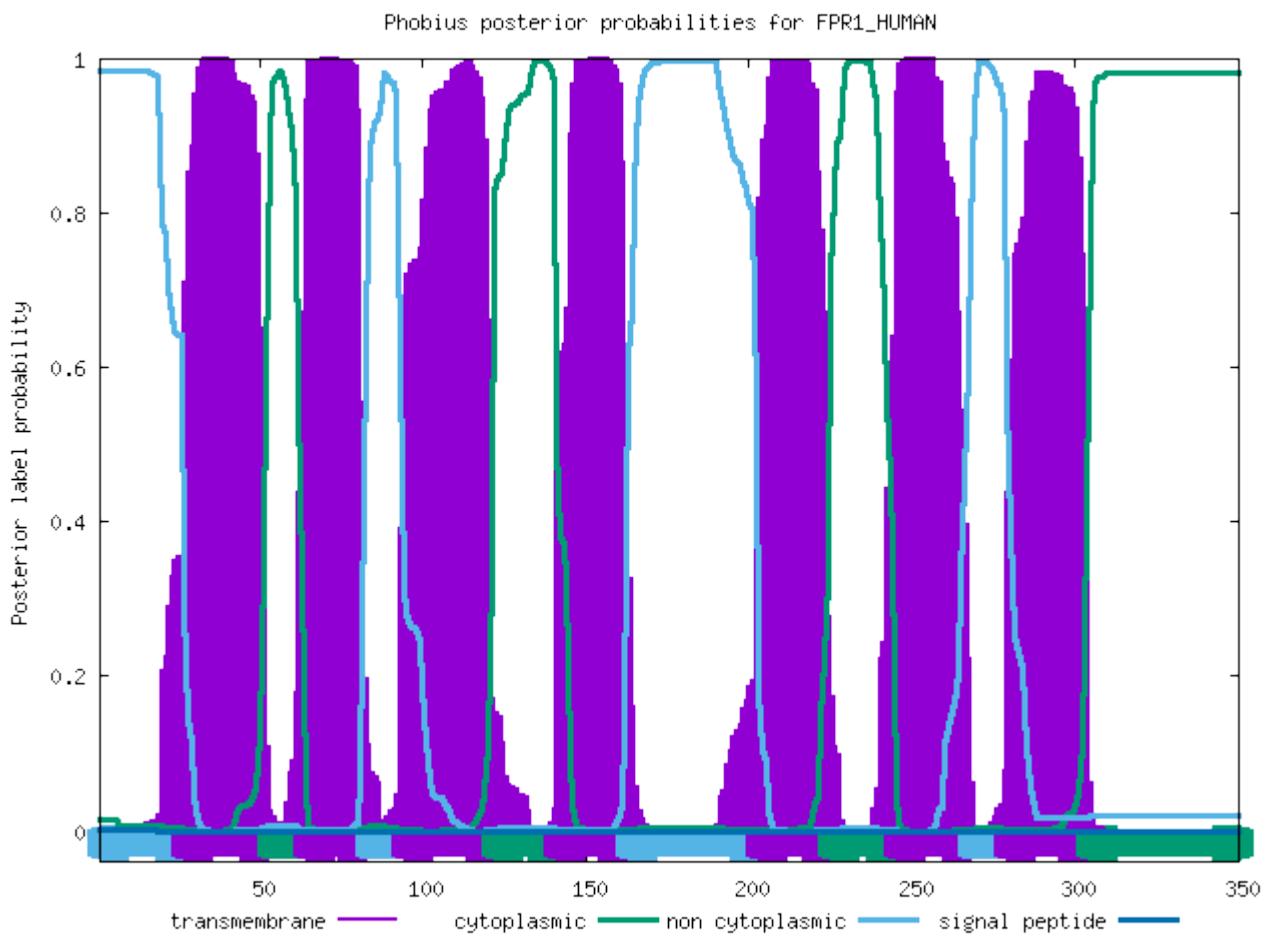
| ID | EDNRB_HUMAN | | |
|----|-------------|-----|-----|
| FT | SIGNAL | 1 | 26 |
| FT | REGION | 1 | 10 |
| FT | REGION | 11 | 21 |
| FT | REGION | 22 | 26 |
| FT | TOPO_DOM | 27 | 101 |
| FT | TRANSMEM | 102 | 126 |
| FT | TOPO_DOM | 127 | 137 |
| FT | TRANSMEM | 138 | 159 |
| FT | TOPO_DOM | 160 | 178 |
| FT | TRANSMEM | 179 | 197 |
| FT | TOPO_DOM | 198 | 217 |
| FT | TRANSMEM | 218 | 238 |
| FT | TOPO_DOM | 239 | 274 |
| FT | TRANSMEM | 275 | 301 |
| FT | TOPO_DOM | 302 | 320 |
| FT | TRANSMEM | 321 | 341 |
| FT | TOPO_DOM | 342 | 360 |
| FT | TRANSMEM | 361 | 389 |
| FT | TOPO_DOM | 390 | 442 |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FPR1_HUMAN

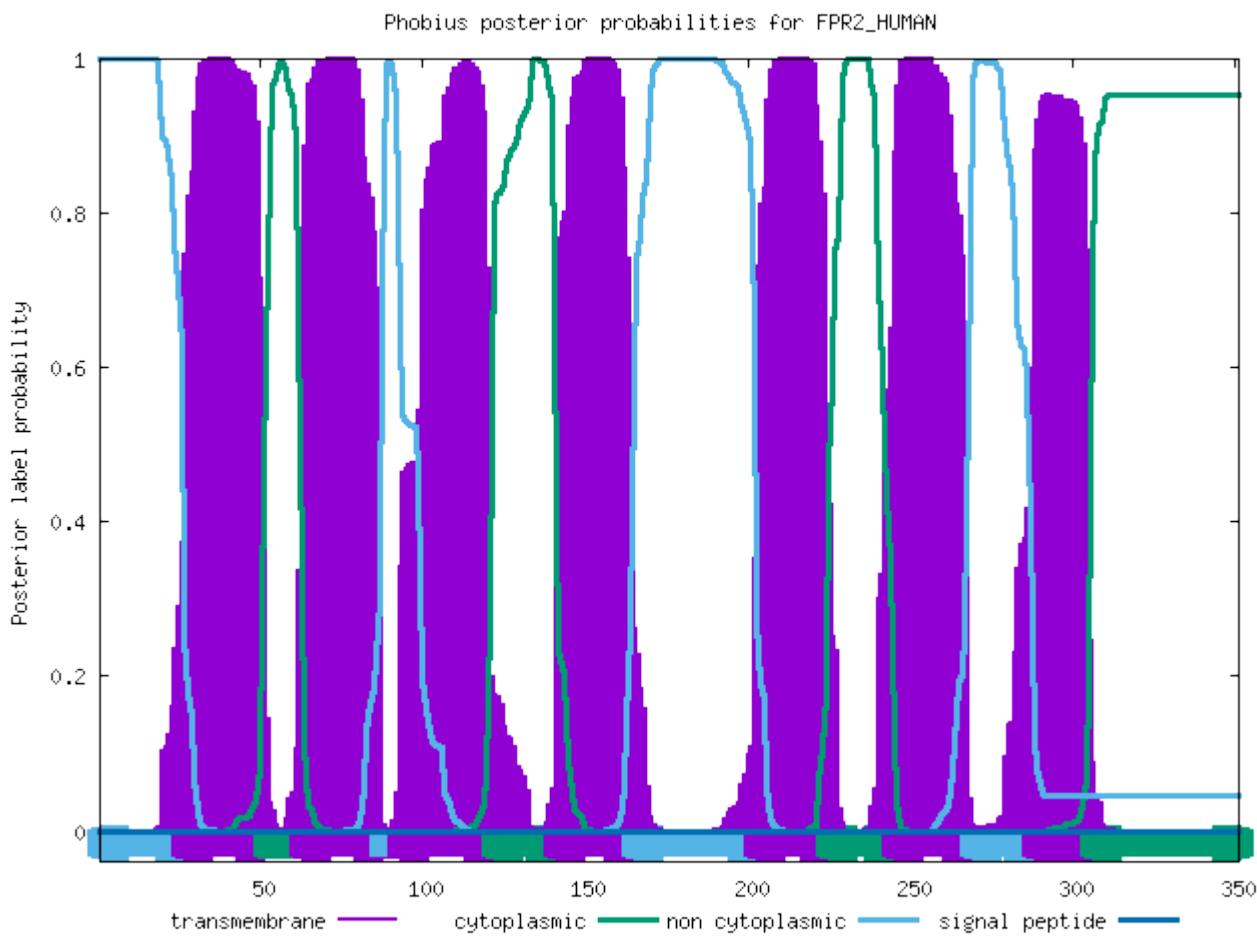
| ID | FPR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 82 | |
| FT | TOPO_DOM | 83 | 93 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 94 | 121 | |
| FT | TOPO_DOM | 122 | 140 | CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 162 | |
| FT | TOPO_DOM | 163 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 224 | |
| FT | TOPO_DOM | 225 | 244 | CYTOPLASMIC. |
| FT | TRANSMEM | 245 | 267 | |
| FT | TOPO_DOM | 268 | 278 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 303 | |
| FT | TOPO_DOM | 304 | 350 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FPR2_HUMAN

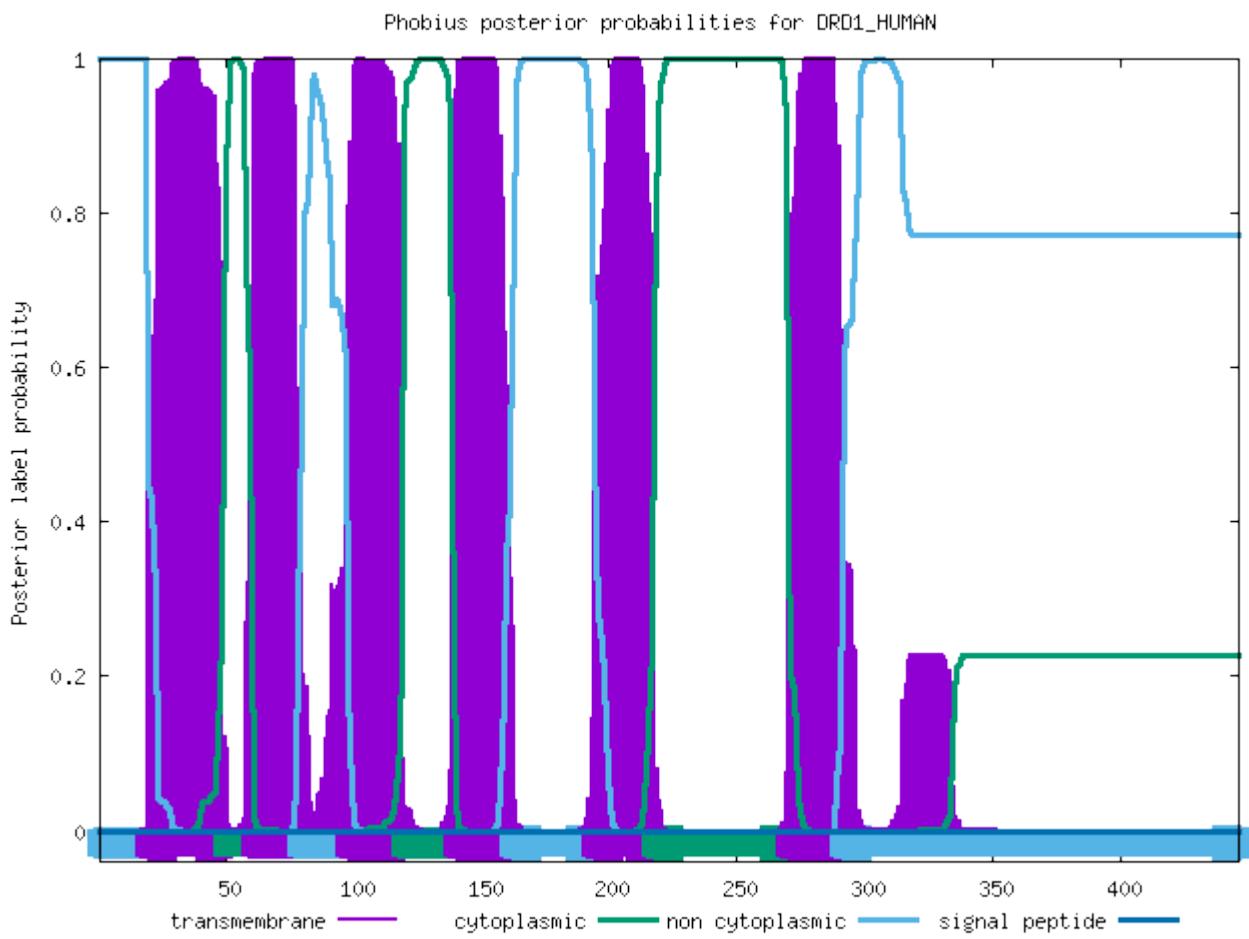
| ID | FPR2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 51 | |
| FT | TOPO_DOM | 52 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 87 | |
| FT | TOPO_DOM | 88 | 92 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 121 | |
| FT | TOPO_DOM | 122 | 140 | CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 164 | |
| FT | TOPO_DOM | 165 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 224 | |
| FT | TOPO_DOM | 225 | 244 | CYTOPLASMIC. |
| FT | TRANSMEM | 245 | 268 | |
| FT | TOPO_DOM | 269 | 287 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 288 | 305 | |
| FT | TOPO_DOM | 306 | 351 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DRD1_HUMAN

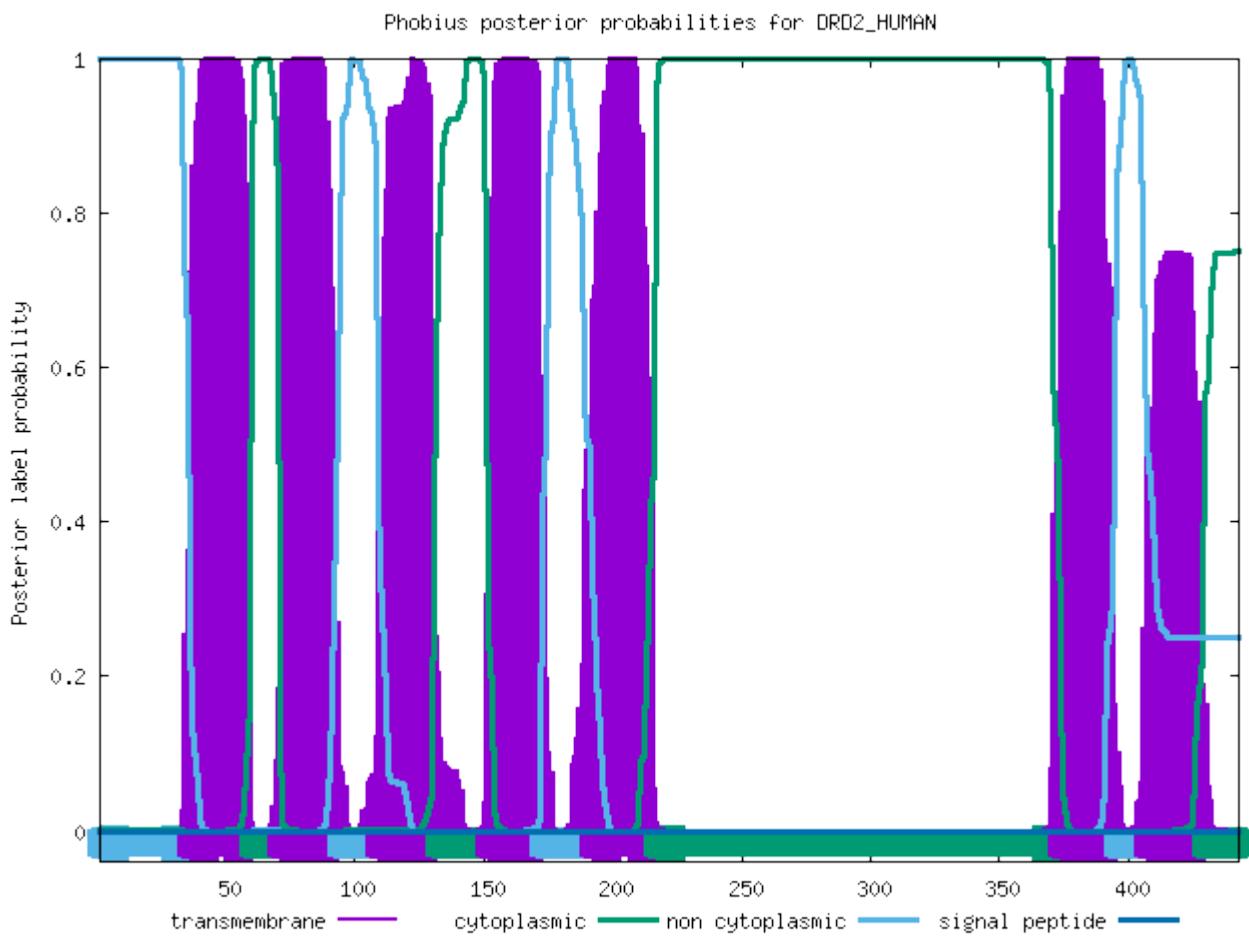
| ID | DRD1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 49 | |
| FT | TOPO_DOM | 50 | 60 | CYTOPLASMIC. |
| FT | TRANSMEM | 61 | 78 | |
| FT | TOPO_DOM | 79 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 119 | |
| FT | TOPO_DOM | 120 | 139 | CYTOPLASMIC. |
| FT | TRANSMEM | 140 | 161 | |
| FT | TOPO_DOM | 162 | 193 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 217 | |
| FT | TOPO_DOM | 218 | 269 | CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 290 | |
| FT | TOPO_DOM | 291 | 446 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DRD2_HUMAN

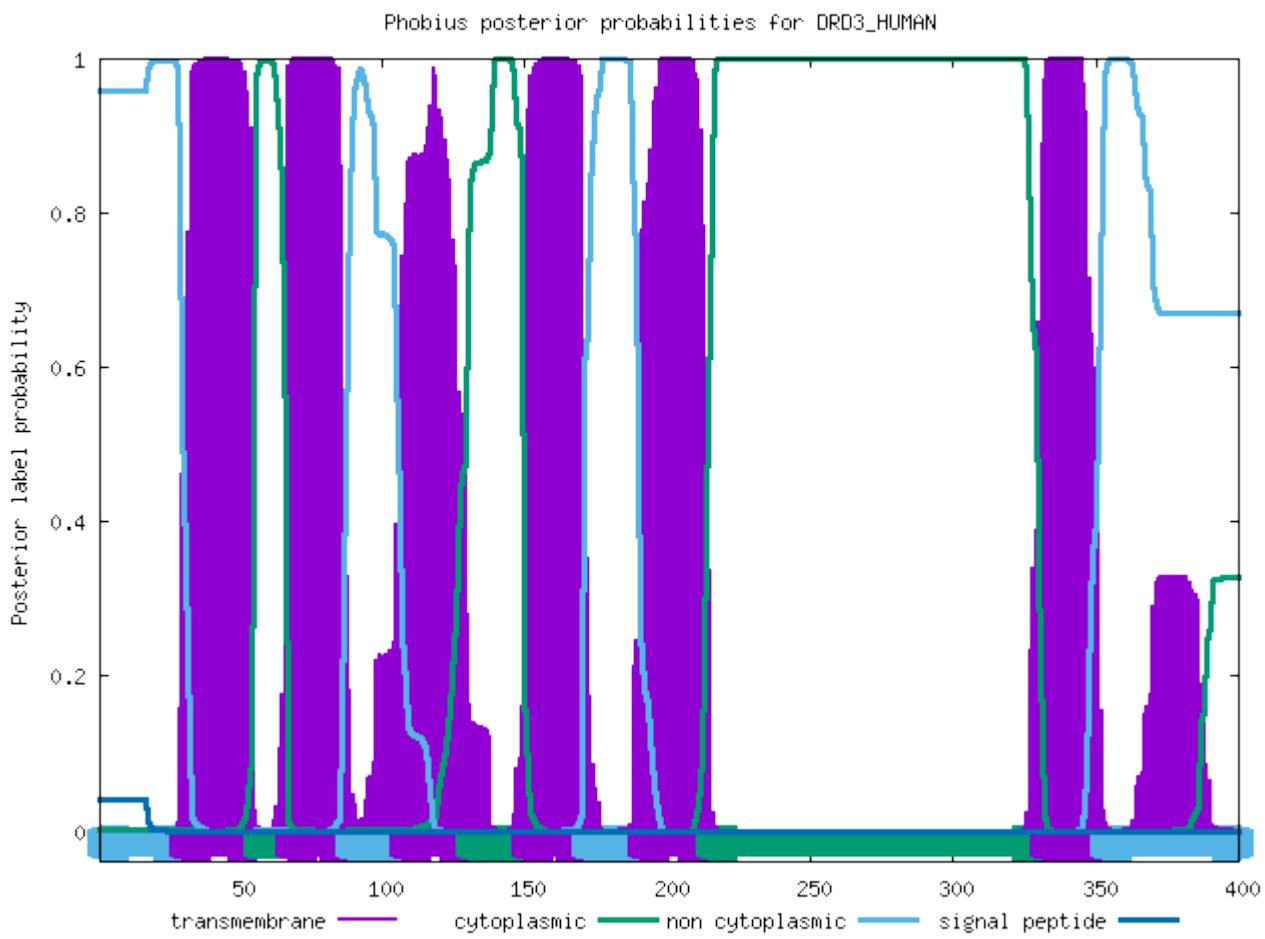
| ID | DRD2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 59 | |
| FT | TOPO_DOM | 60 | 70 | CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 93 | |
| FT | TOPO_DOM | 94 | 108 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 109 | 131 | |
| FT | TOPO_DOM | 132 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 172 | |
| FT | TOPO_DOM | 173 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 216 | |
| FT | TOPO_DOM | 217 | 373 | CYTOPLASMIC. |
| FT | TRANSMEM | 374 | 395 | |
| FT | TOPO_DOM | 396 | 406 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 407 | 429 | |
| FT | TOPO_DOM | 430 | 443 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DRD3_HUMAN

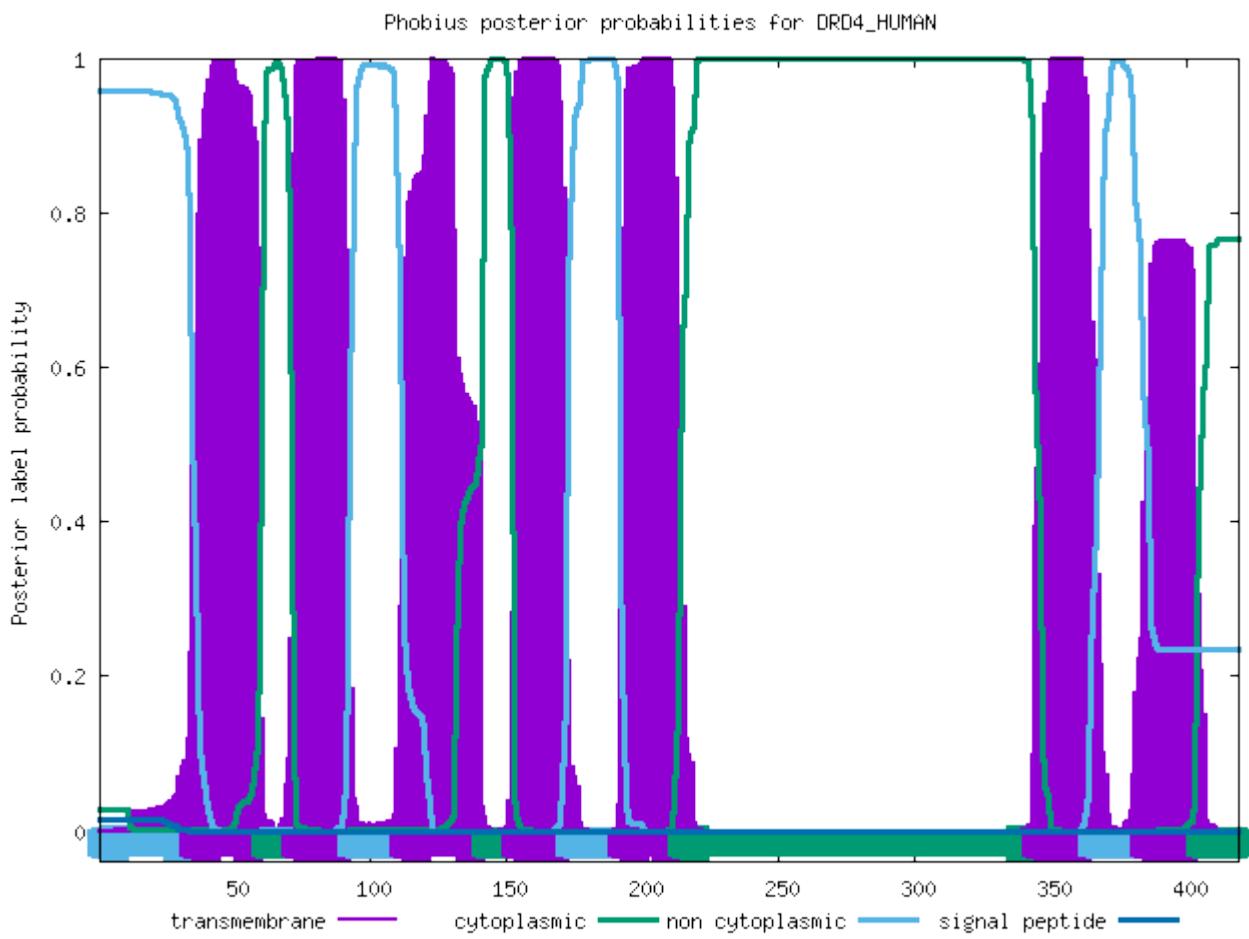
| ID | DRD3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 55 | |
| FT | TOPO_DOM | 56 | 66 | CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 87 | |
| FT | TOPO_DOM | 88 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 129 | |
| FT | TOPO_DOM | 130 | 149 | CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 170 | |
| FT | TOPO_DOM | 171 | 189 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 213 | |
| FT | TOPO_DOM | 214 | 330 | CYTOPLASMIC. |
| FT | TRANSMEM | 331 | 351 | |
| FT | TOPO_DOM | 352 | 400 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DRD4_HUMAN

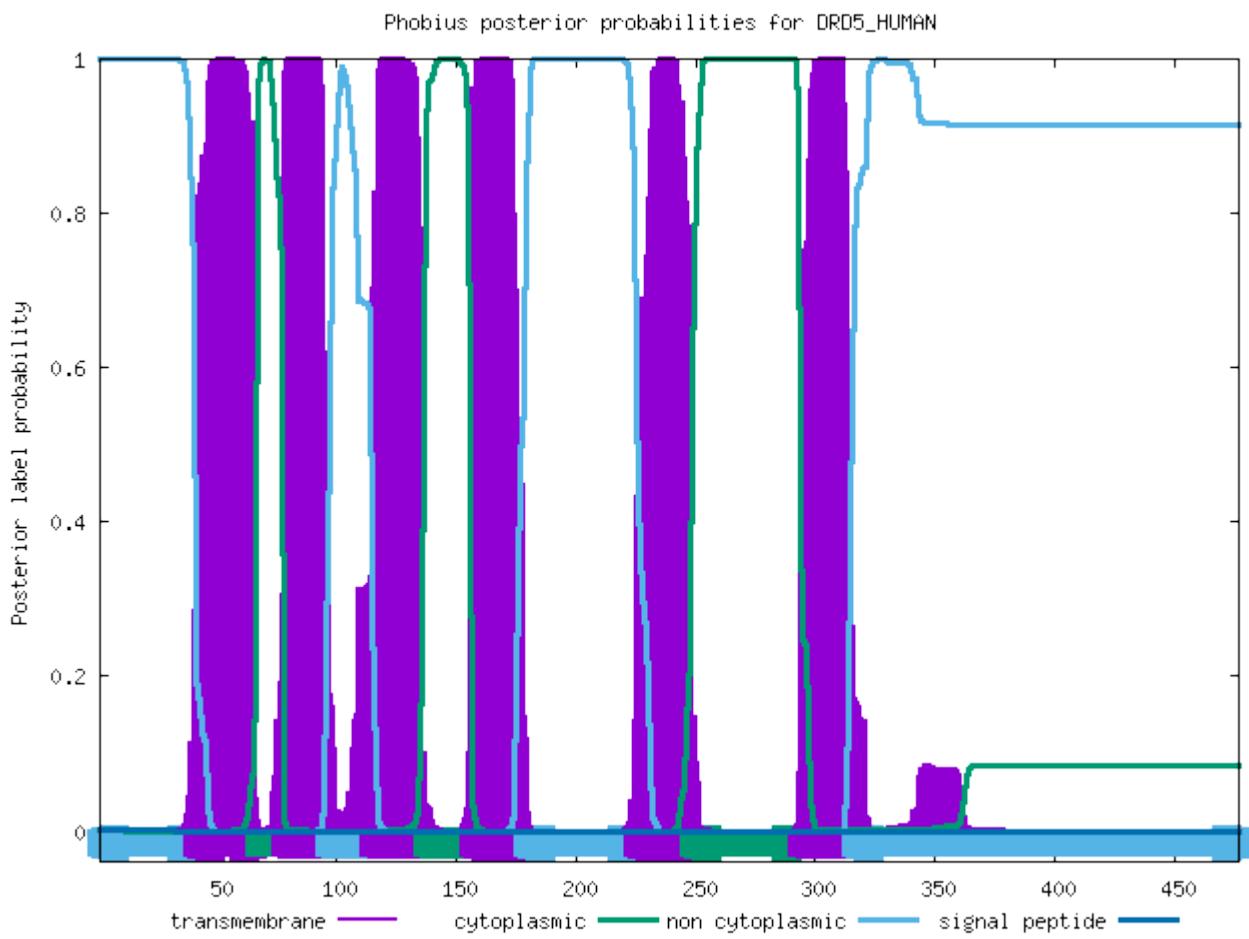
| ID | DRD4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 34 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 35 | 60 | |
| FT | TOPO_DOM | 61 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 92 | |
| FT | TOPO_DOM | 93 | 111 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 112 | 141 | |
| FT | TOPO_DOM | 142 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 172 | |
| FT | TOPO_DOM | 173 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 213 | |
| FT | TOPO_DOM | 214 | 343 | CYTOPLASMIC. |
| FT | TRANSMEM | 344 | 364 | |
| FT | TOPO_DOM | 365 | 383 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 384 | 403 | |
| FT | TOPO_DOM | 404 | 419 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DRD5_HUMAN

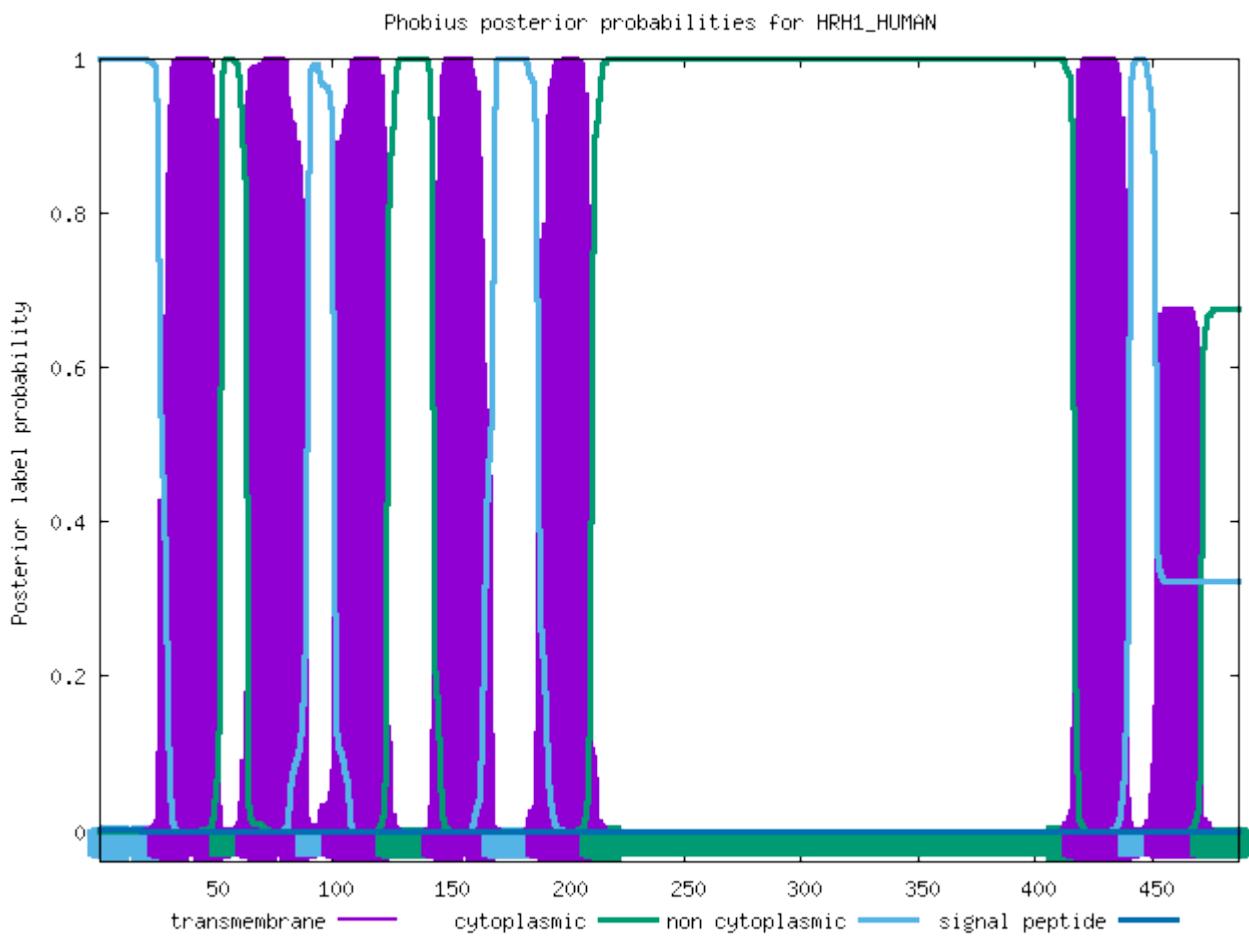
| ID | DRD5_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 40 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 66 | |
| FT | TOPO_DOM | 67 | 77 | CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 95 | |
| FT | TOPO_DOM | 96 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 136 | |
| FT | TOPO_DOM | 137 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 178 | |
| FT | TOPO_DOM | 179 | 224 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 225 | 248 | |
| FT | TOPO_DOM | 249 | 293 | CYTOPLASMIC. |
| FT | TRANSMEM | 294 | 315 | |
| FT | TOPO_DOM | 316 | 477 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HRH1_HUMAN

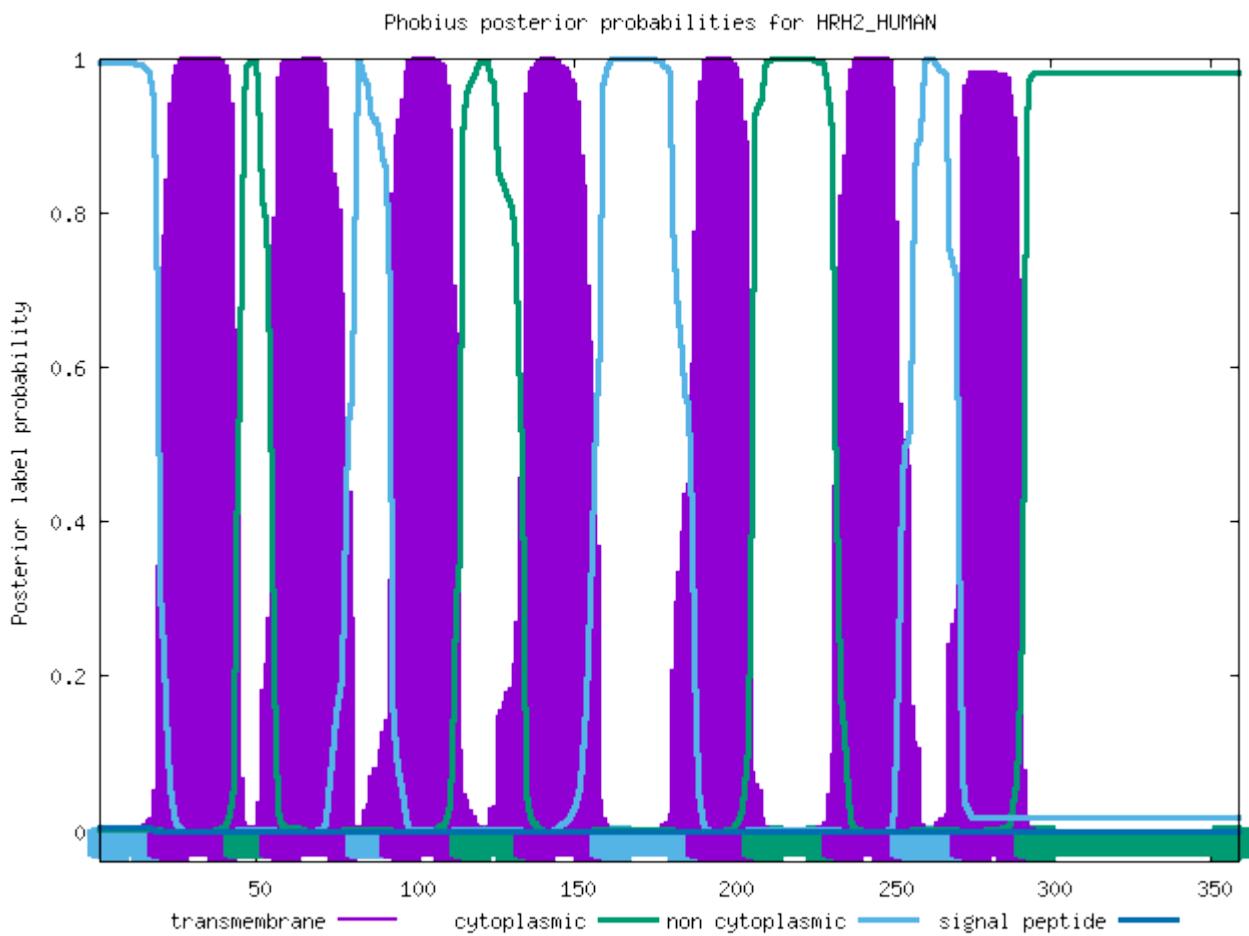
| ID | HRH1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 89 | |
| FT | TOPO_DOM | 90 | 100 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 101 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 168 | |
| FT | TOPO_DOM | 169 | 187 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 210 | |
| FT | TOPO_DOM | 211 | 416 | CYTOPLASMIC. |
| FT | TRANSMEM | 417 | 440 | |
| FT | TOPO_DOM | 441 | 451 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 452 | 471 | |
| FT | TOPO_DOM | 472 | 487 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HRH2_HUMAN

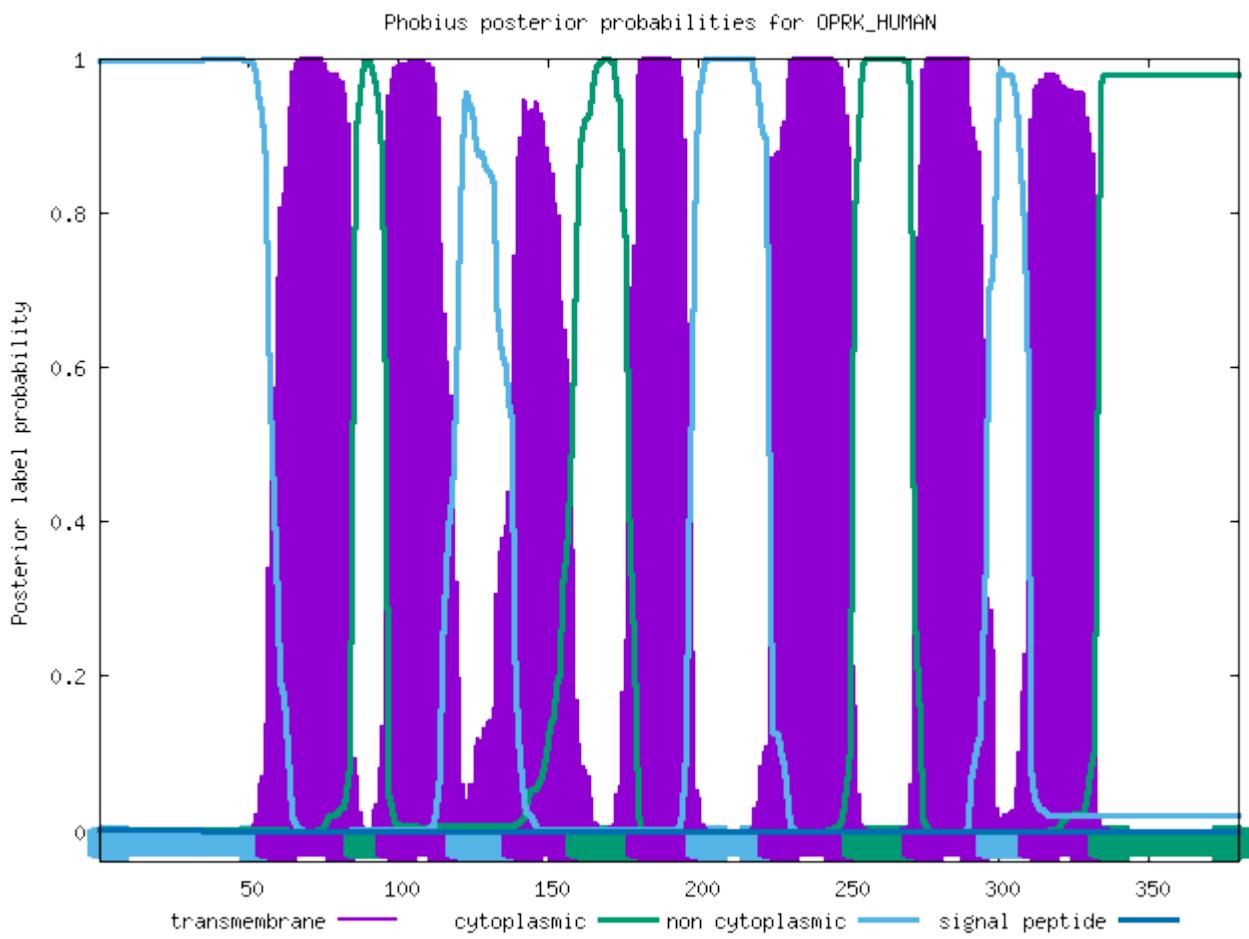
| ID | HRH2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 43 | |
| FT | TOPO_DOM | 44 | 54 | CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 81 | |
| FT | TOPO_DOM | 82 | 92 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 114 | |
| FT | TOPO_DOM | 115 | 134 | CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 158 | |
| FT | TOPO_DOM | 159 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 206 | |
| FT | TOPO_DOM | 207 | 231 | CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 252 | |
| FT | TOPO_DOM | 253 | 271 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 291 | |
| FT | TOPO_DOM | 292 | 359 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OPRK_HUMAN

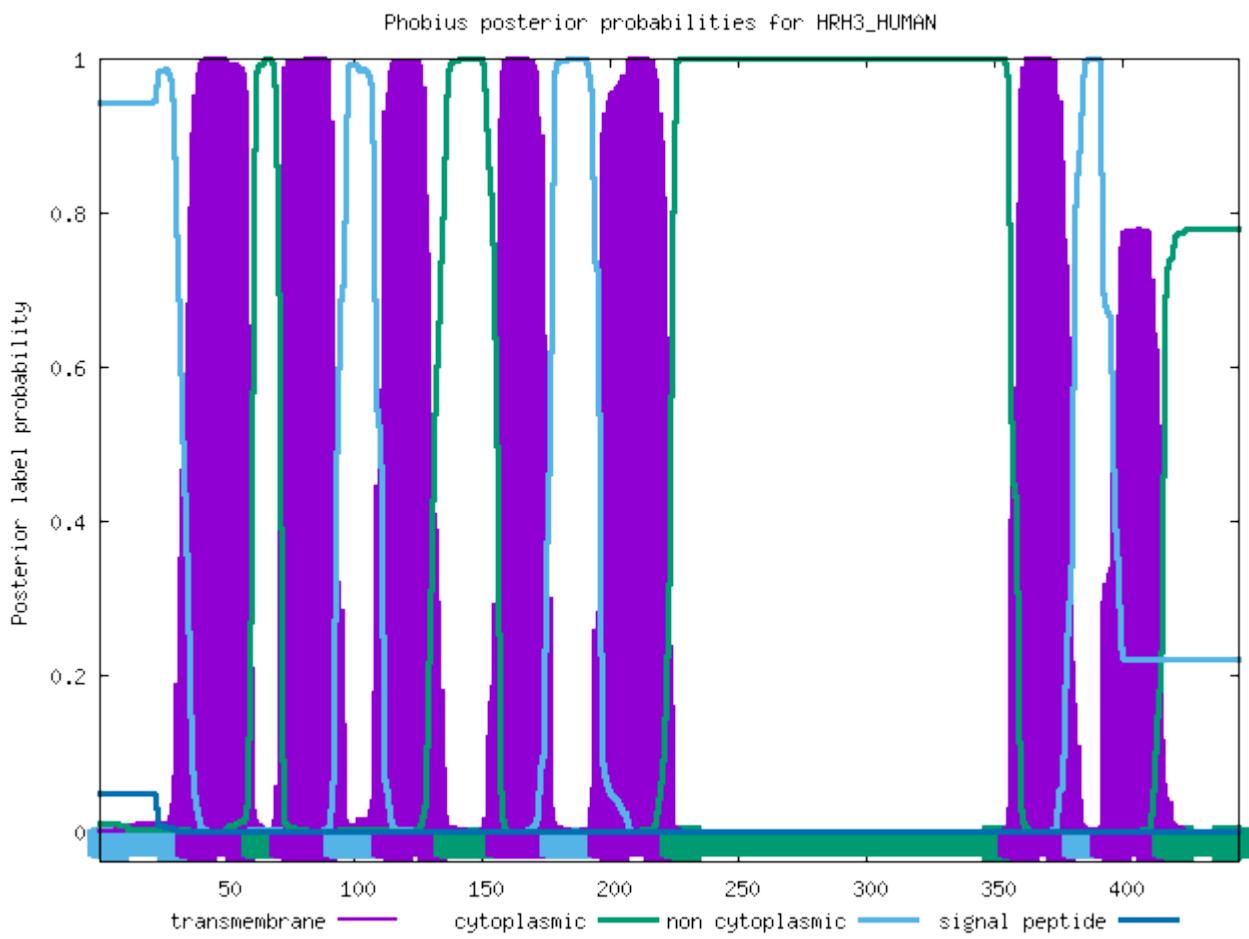
| ID | OPRK_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 56 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 85 | |
| FT | TOPO_DOM | 86 | 96 | CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 119 | |
| FT | TOPO_DOM | 120 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 159 | |
| FT | TOPO_DOM | 160 | 179 | CYTOPLASMIC. |
| FT | TRANSMEM | 180 | 199 | |
| FT | TOPO_DOM | 200 | 223 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 251 | |
| FT | TOPO_DOM | 252 | 271 | CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 296 | |
| FT | TOPO_DOM | 297 | 310 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 311 | 333 | |
| FT | TOPO_DOM | 334 | 380 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HRH3_HUMAN

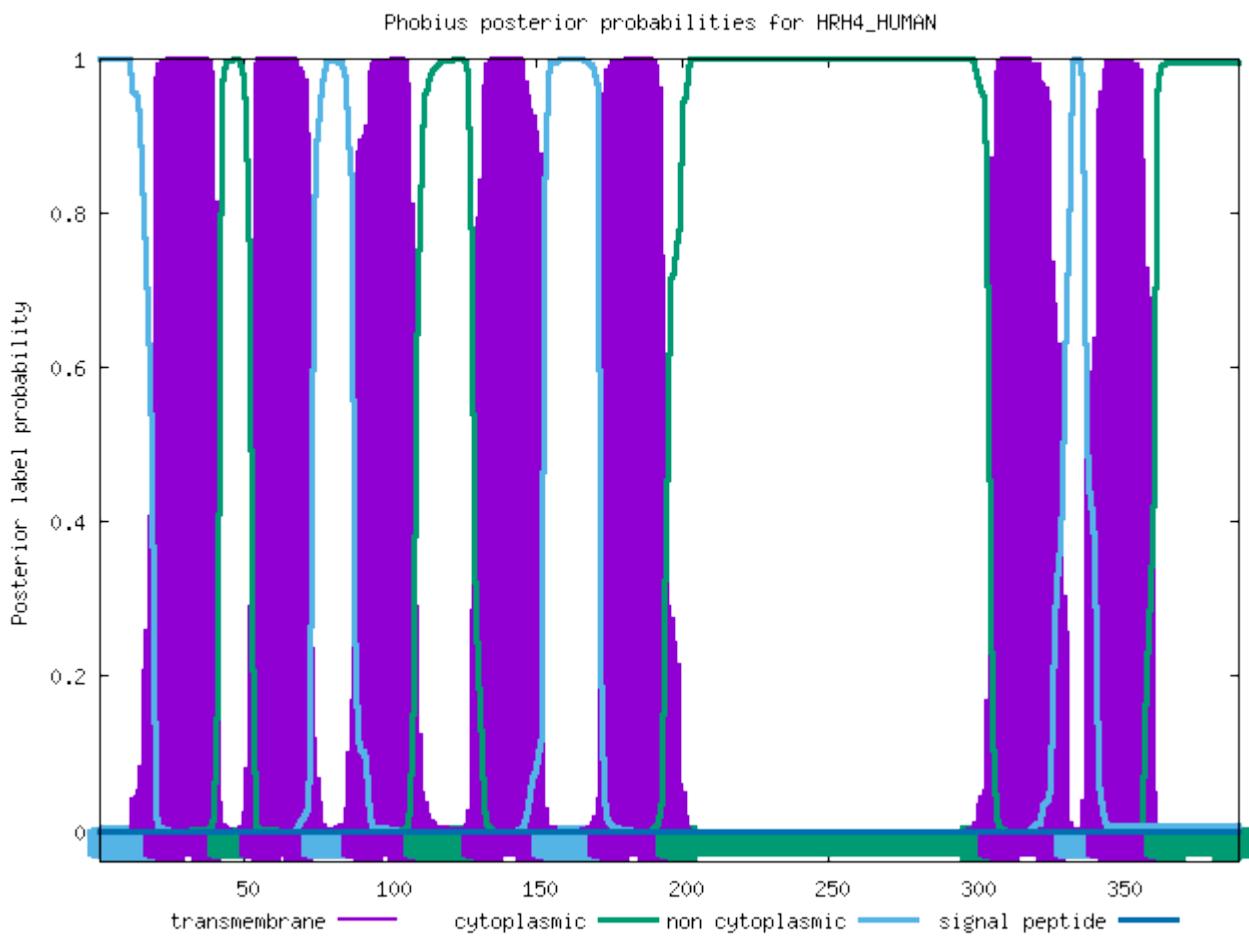
| ID | HRH3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 34 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 35 | 60 | |
| FT | TOPO_DOM | 61 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 92 | |
| FT | TOPO_DOM | 93 | 111 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 112 | 135 | |
| FT | TOPO_DOM | 136 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 176 | |
| FT | TOPO_DOM | 177 | 195 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 196 | 223 | |
| FT | TOPO_DOM | 224 | 355 | CYTOPLASMIC. |
| FT | TRANSMEM | 356 | 380 | |
| FT | TOPO_DOM | 381 | 391 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 392 | 415 | |
| FT | TOPO_DOM | 416 | 445 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HRH4_HUMAN

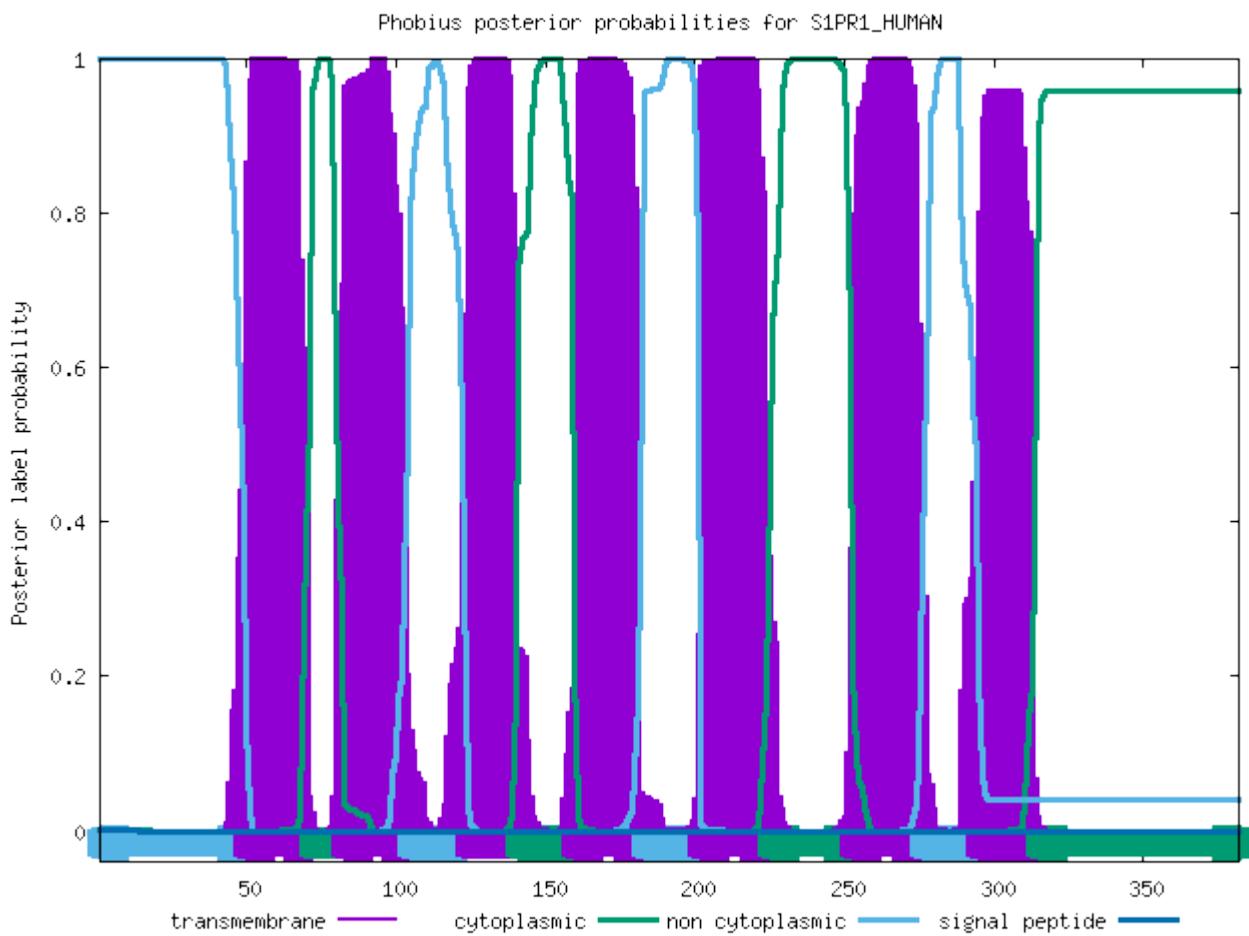
| ID | HRH4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 41 | |
| FT | TOPO_DOM | 42 | 52 | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 73 | |
| FT | TOPO_DOM | 74 | 87 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 108 | |
| FT | TOPO_DOM | 109 | 128 | CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 152 | |
| FT | TOPO_DOM | 153 | 171 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 194 | |
| FT | TOPO_DOM | 195 | 304 | CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 330 | |
| FT | TOPO_DOM | 331 | 341 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 342 | 361 | |
| FT | TOPO_DOM | 362 | 390 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S1PR1_HUMAN

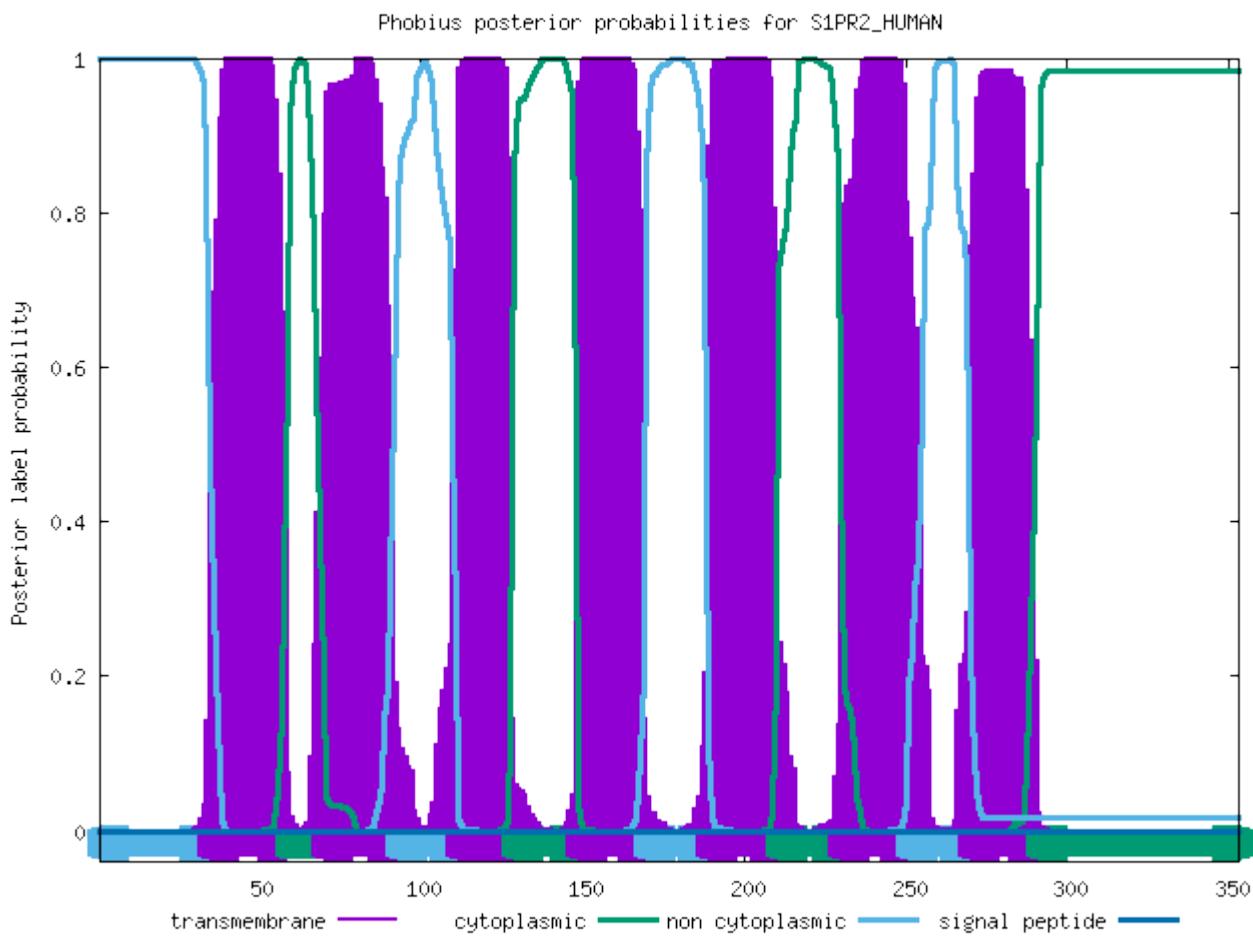
| ID | S1PR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 49 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 71 | |
| FT | TOPO_DOM | 72 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 140 | |
| FT | TOPO_DOM | 141 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 182 | |
| FT | TOPO_DOM | 183 | 201 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 224 | |
| FT | TOPO_DOM | 225 | 252 | CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 275 | |
| FT | TOPO_DOM | 276 | 294 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 314 | |
| FT | TOPO_DOM | 315 | 382 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S1PR2_HUMAN

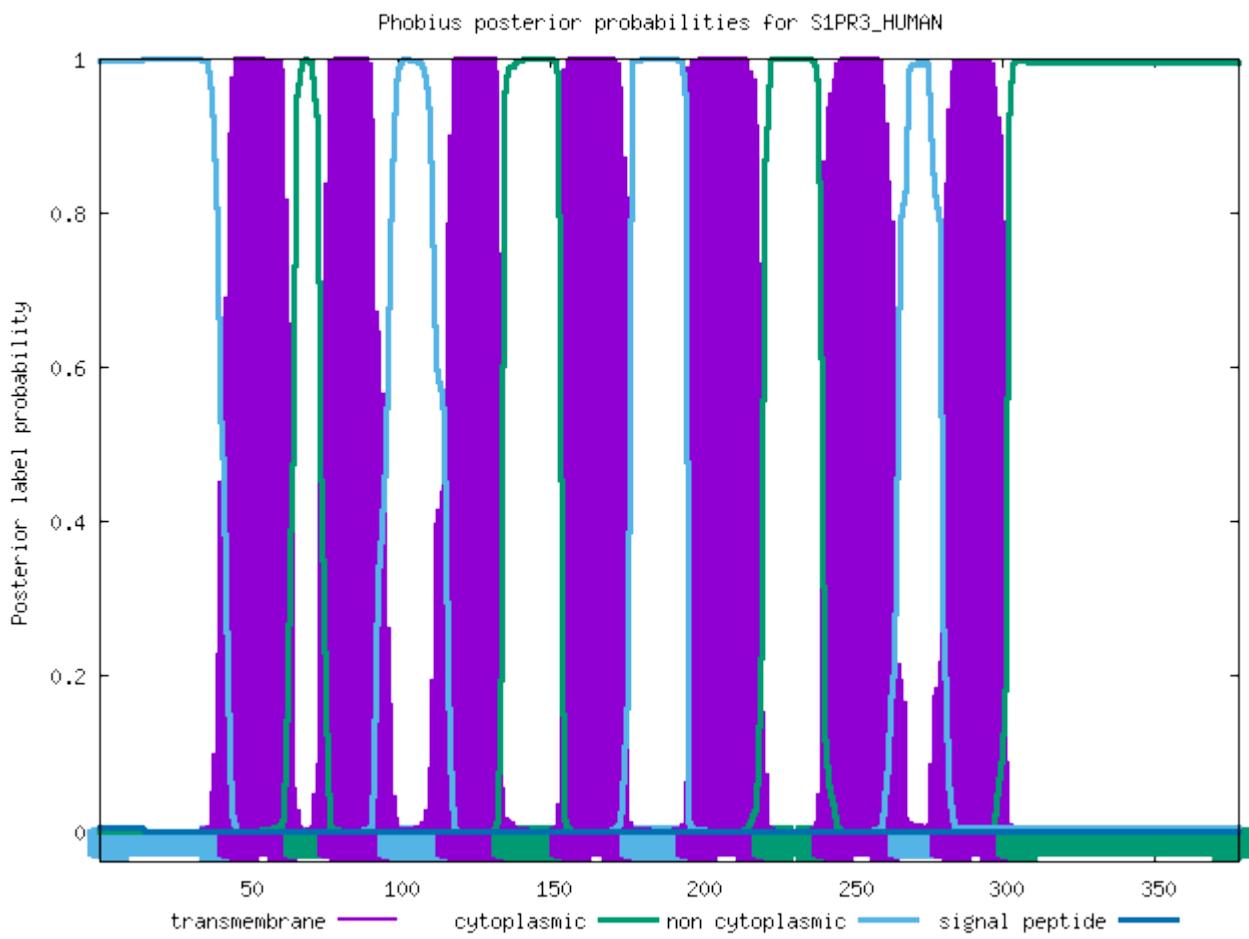
| ID | S1PR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 34 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 35 | 58 | |
| FT | TOPO_DOM | 59 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 92 | |
| FT | TOPO_DOM | 93 | 111 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 112 | 128 | |
| FT | TOPO_DOM | 129 | 148 | CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 169 | |
| FT | TOPO_DOM | 170 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 210 | |
| FT | TOPO_DOM | 211 | 229 | CYTOPLASMIC. |
| FT | TRANSMEM | 230 | 250 | |
| FT | TOPO_DOM | 251 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 290 | |
| FT | TOPO_DOM | 291 | 353 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S1PR3_HUMAN

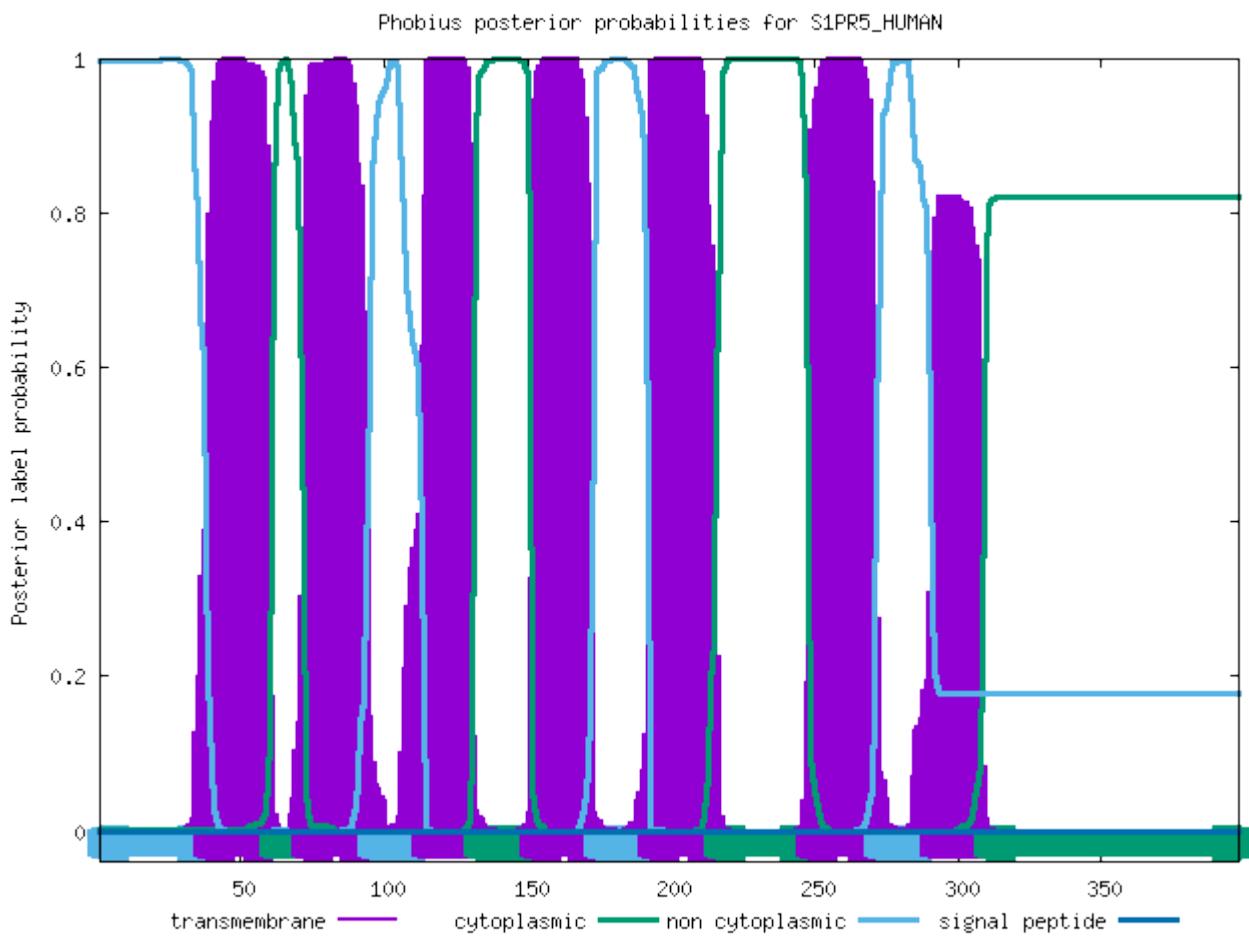
| ID | S1PR3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 43 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 96 | |
| FT | TOPO_DOM | 97 | 115 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 116 | 134 | |
| FT | TOPO_DOM | 135 | 153 | CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 176 | |
| FT | TOPO_DOM | 177 | 195 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 196 | 220 | |
| FT | TOPO_DOM | 221 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 265 | |
| FT | TOPO_DOM | 266 | 279 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 301 | |
| FT | TOPO_DOM | 302 | 378 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S1PR5_HUMAN

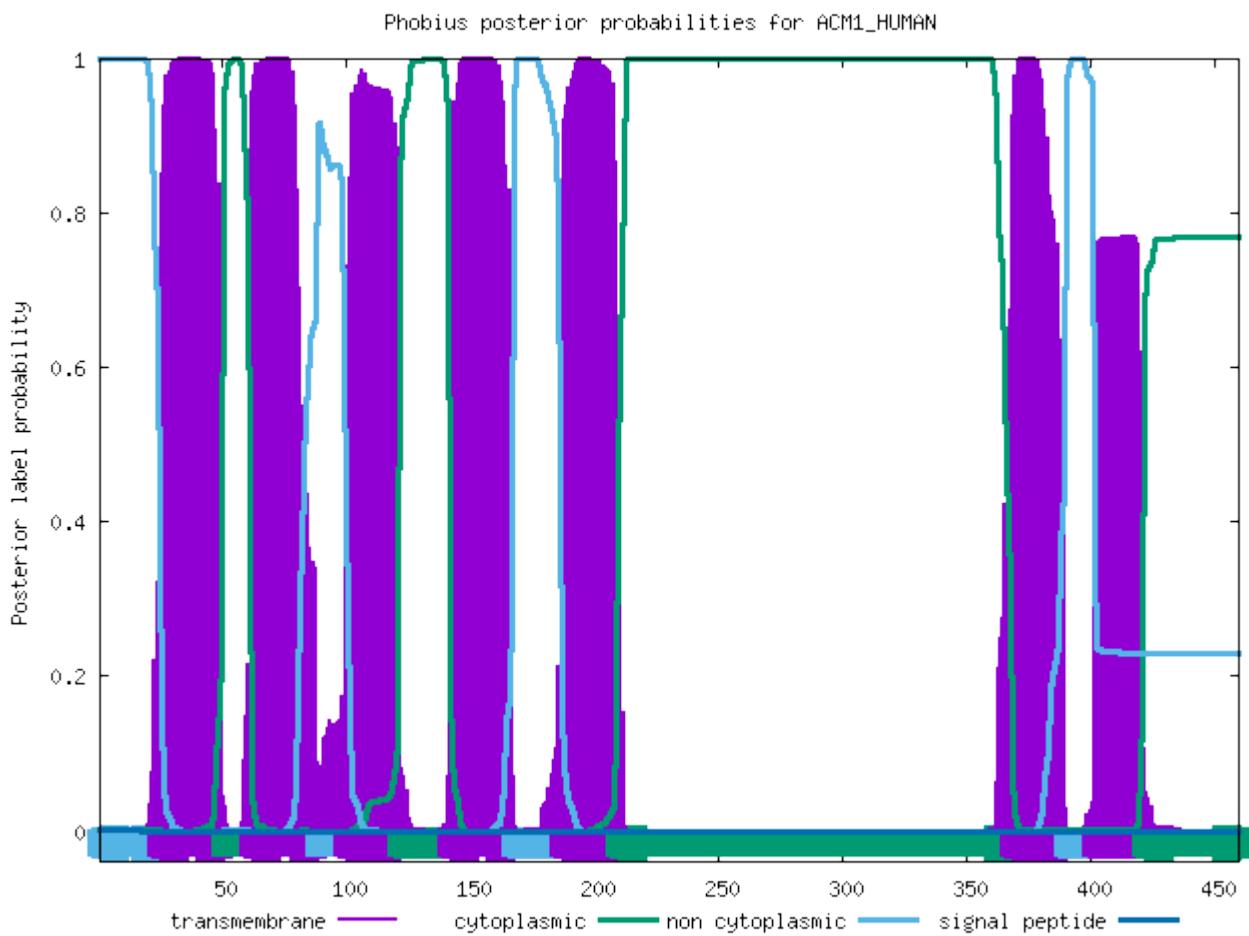
| ID | S1PR5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 60 | |
| FT | TOPO_DOM | 61 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 94 | |
| FT | TOPO_DOM | 95 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 131 | |
| FT | TOPO_DOM | 132 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 173 | |
| FT | TOPO_DOM | 174 | 192 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 215 | |
| FT | TOPO_DOM | 216 | 247 | CYTOPLASMIC. |
| FT | TRANSMEM | 248 | 271 | |
| FT | TOPO_DOM | 272 | 290 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 309 | |
| FT | TOPO_DOM | 310 | 398 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACM1_HUMAN

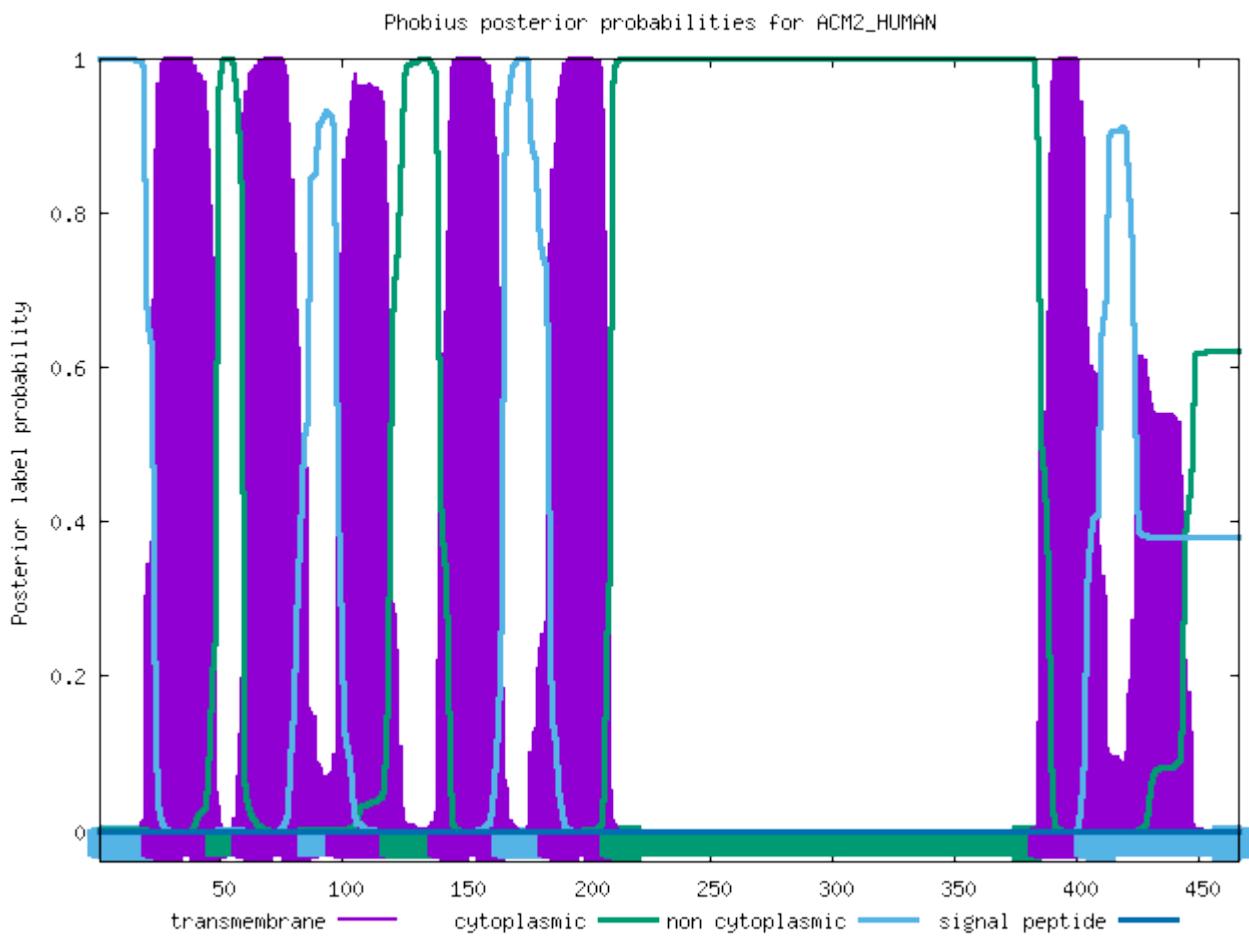
| ID | ACM1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 24 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 25 | 50 | |
| FT | TOPO_DOM | 51 | 61 | CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 88 | |
| FT | TOPO_DOM | 89 | 99 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 121 | |
| FT | TOPO_DOM | 122 | 141 | CYTOPLASMIC. |
| FT | TRANSMEM | 142 | 167 | |
| FT | TOPO_DOM | 168 | 186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 209 | |
| FT | TOPO_DOM | 210 | 368 | CYTOPLASMIC. |
| FT | TRANSMEM | 369 | 390 | |
| FT | TOPO_DOM | 391 | 401 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 402 | 421 | |
| FT | TOPO_DOM | 422 | 460 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACM2_HUMAN

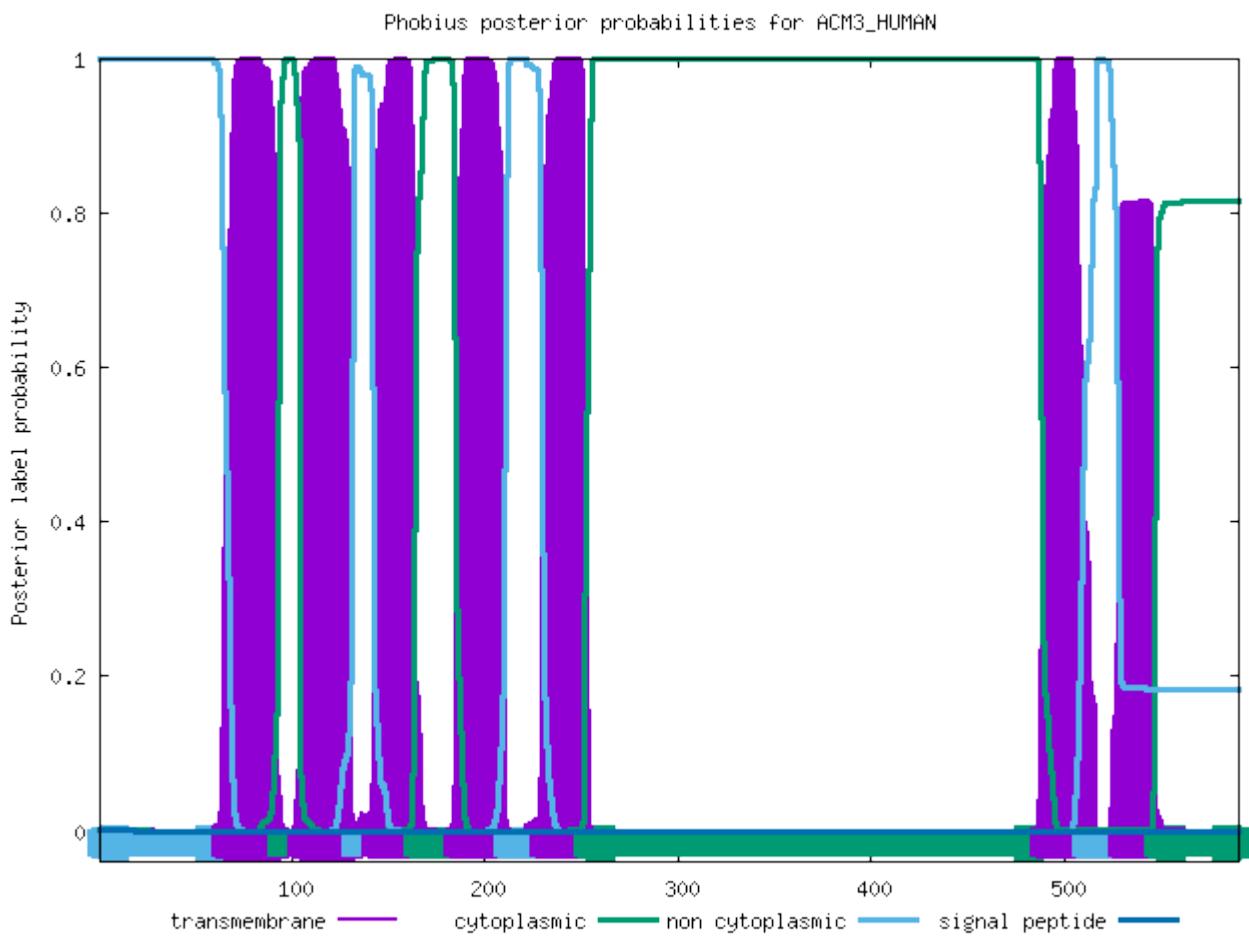
| ID | ACM2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 48 | |
| FT | TOPO_DOM | 49 | 59 | CYTOPLASMIC. |
| FT | TRANSMEM | 60 | 86 | |
| FT | TOPO_DOM | 87 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 119 | |
| FT | TOPO_DOM | 120 | 139 | CYTOPLASMIC. |
| FT | TRANSMEM | 140 | 165 | |
| FT | TOPO_DOM | 166 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 209 | |
| FT | TOPO_DOM | 210 | 384 | CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 403 | |
| FT | TOPO_DOM | 404 | 466 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACM3_HUMAN

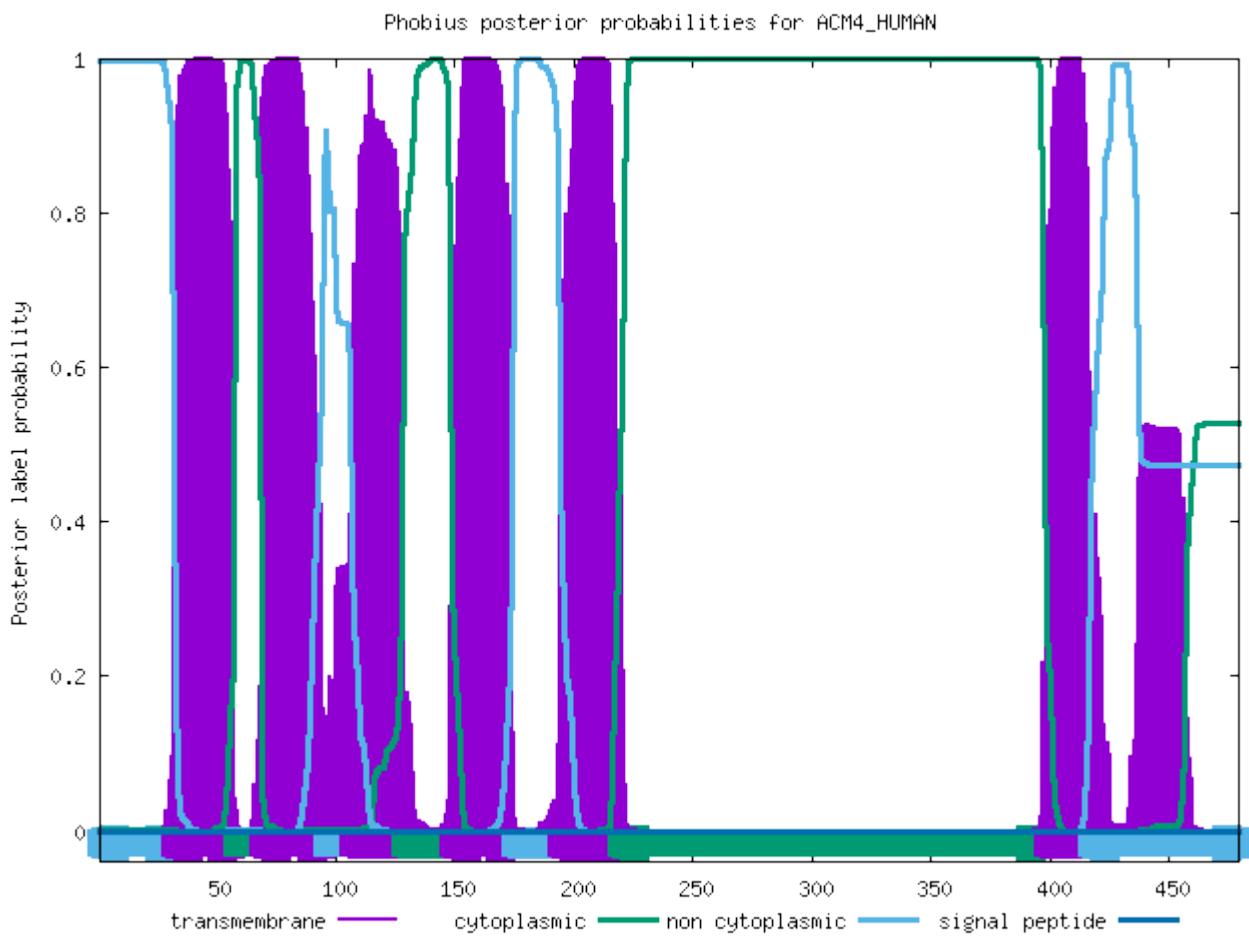
| ID | ACM3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 64 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 65 | 93 | |
| FT | TOPO_DOM | 94 | 104 | CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 131 | |
| FT | TOPO_DOM | 132 | 142 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 164 | |
| FT | TOPO_DOM | 165 | 184 | CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 210 | |
| FT | TOPO_DOM | 211 | 229 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 230 | 252 | |
| FT | TOPO_DOM | 253 | 488 | CYTOPLASMIC. |
| FT | TRANSMEM | 489 | 509 | |
| FT | TOPO_DOM | 510 | 528 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 529 | 547 | |
| FT | TOPO_DOM | 548 | 590 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACM4_HUMAN

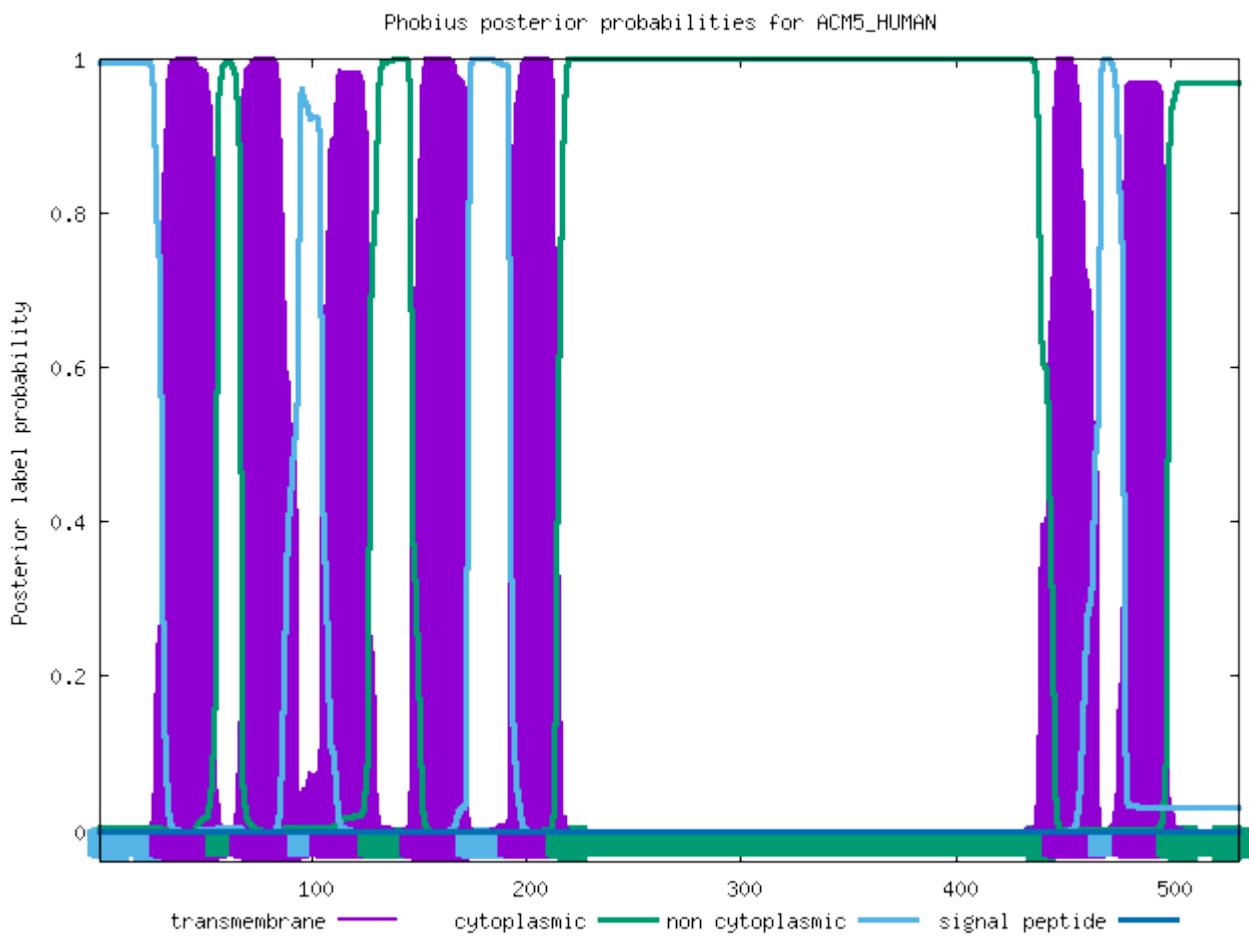
| ID | ACM4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 31 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 32 | 57 | |
| FT | TOPO_DOM | 58 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 95 | |
| FT | TOPO_DOM | 96 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 128 | |
| FT | TOPO_DOM | 129 | 148 | CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 174 | |
| FT | TOPO_DOM | 175 | 193 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 218 | |
| FT | TOPO_DOM | 219 | 397 | CYTOPLASMIC. |
| FT | TRANSMEM | 398 | 416 | |
| FT | TOPO_DOM | 417 | 479 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACM5_HUMAN

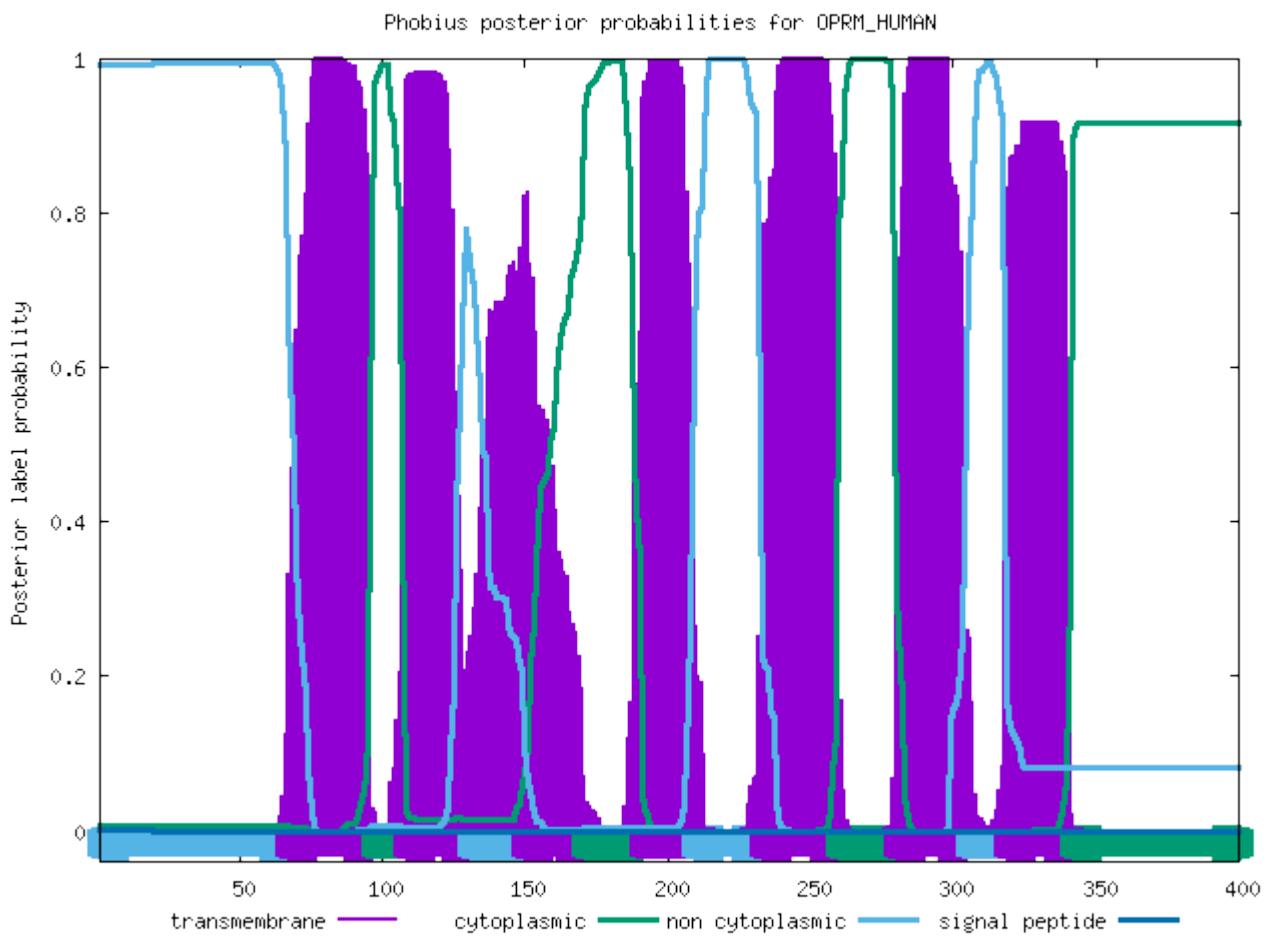
| ID | ACM5_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 55 | |
| FT | TOPO_DOM | 56 | 66 | CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 93 | |
| FT | TOPO_DOM | 94 | 104 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 126 | |
| FT | TOPO_DOM | 127 | 146 | CYTOPLASMIC. |
| FT | TRANSMEM | 147 | 172 | |
| FT | TOPO_DOM | 173 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 214 | |
| FT | TOPO_DOM | 215 | 445 | CYTOPLASMIC. |
| FT | TRANSMEM | 446 | 467 | |
| FT | TOPO_DOM | 468 | 478 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 479 | 498 | |
| FT | TOPO_DOM | 499 | 532 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OPRM_HUMAN

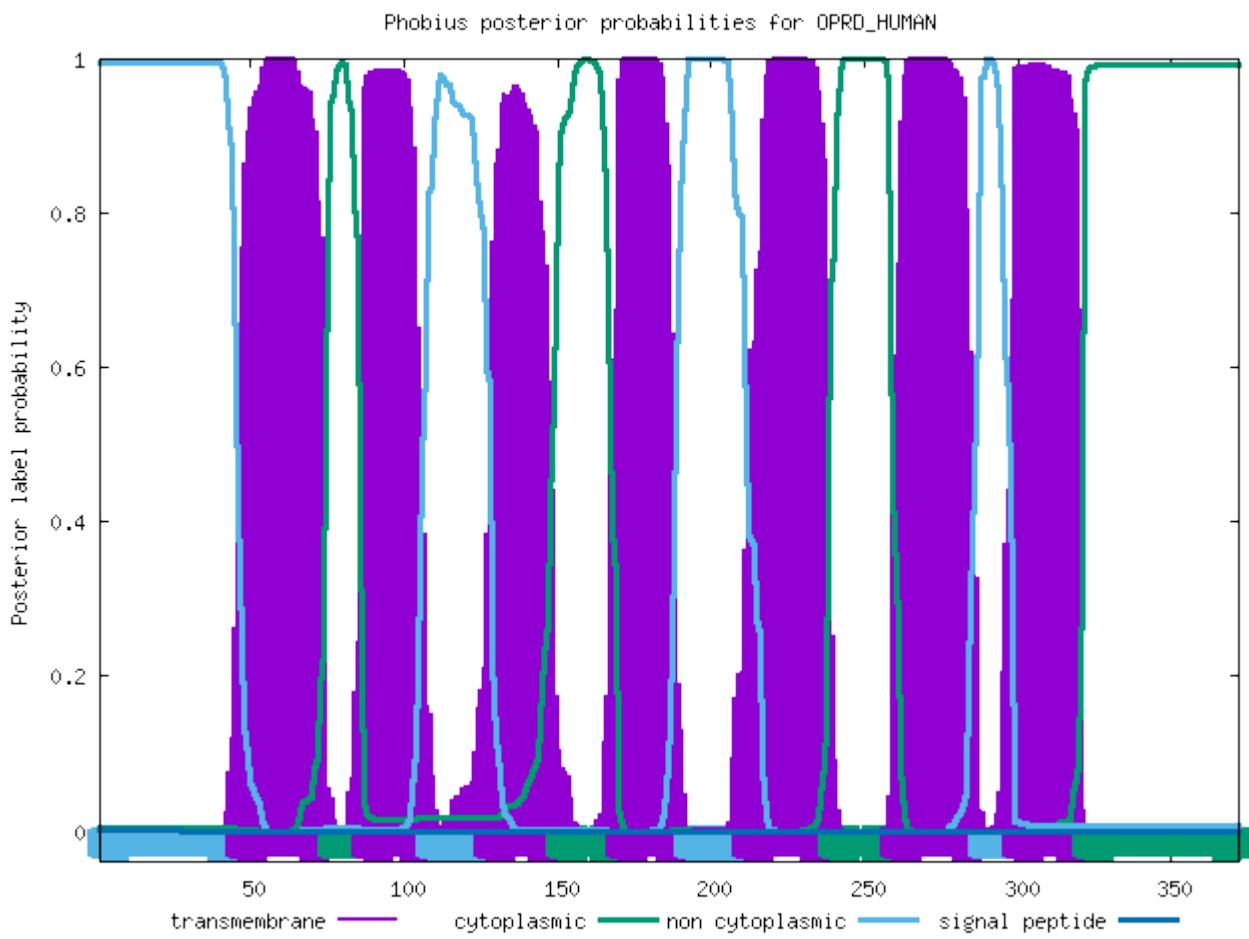
| ID | OPRM_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 66 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 96 | |
| FT | TOPO_DOM | 97 | 107 | CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 130 | |
| FT | TOPO_DOM | 131 | 149 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 170 | |
| FT | TOPO_DOM | 171 | 190 | CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 208 | |
| FT | TOPO_DOM | 209 | 232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 259 | |
| FT | TOPO_DOM | 260 | 279 | CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 304 | |
| FT | TOPO_DOM | 305 | 318 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 319 | 341 | |
| FT | TOPO_DOM | 342 | 400 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OPRD_HUMAN

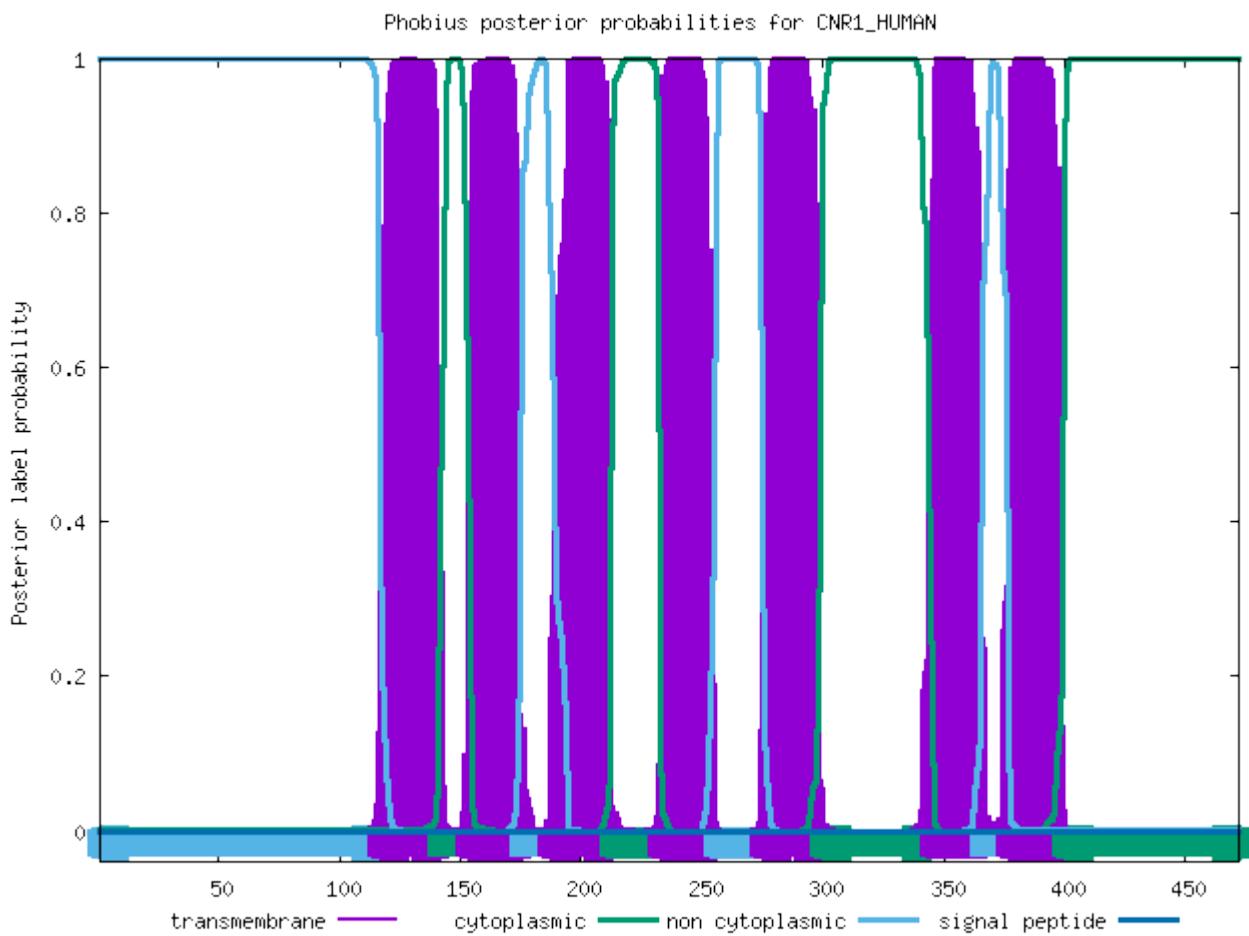
| ID | OPRD_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 45 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 46 | 75 | |
| FT | TOPO_DOM | 76 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 107 | |
| FT | TOPO_DOM | 108 | 126 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 149 | |
| FT | TOPO_DOM | 150 | 169 | CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 191 | |
| FT | TOPO_DOM | 192 | 210 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 238 | |
| FT | TOPO_DOM | 239 | 258 | CYTOPLASMIC. |
| FT | TRANSMEM | 259 | 287 | |
| FT | TOPO_DOM | 288 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 321 | |
| FT | TOPO_DOM | 322 | 372 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CNR1_HUMAN

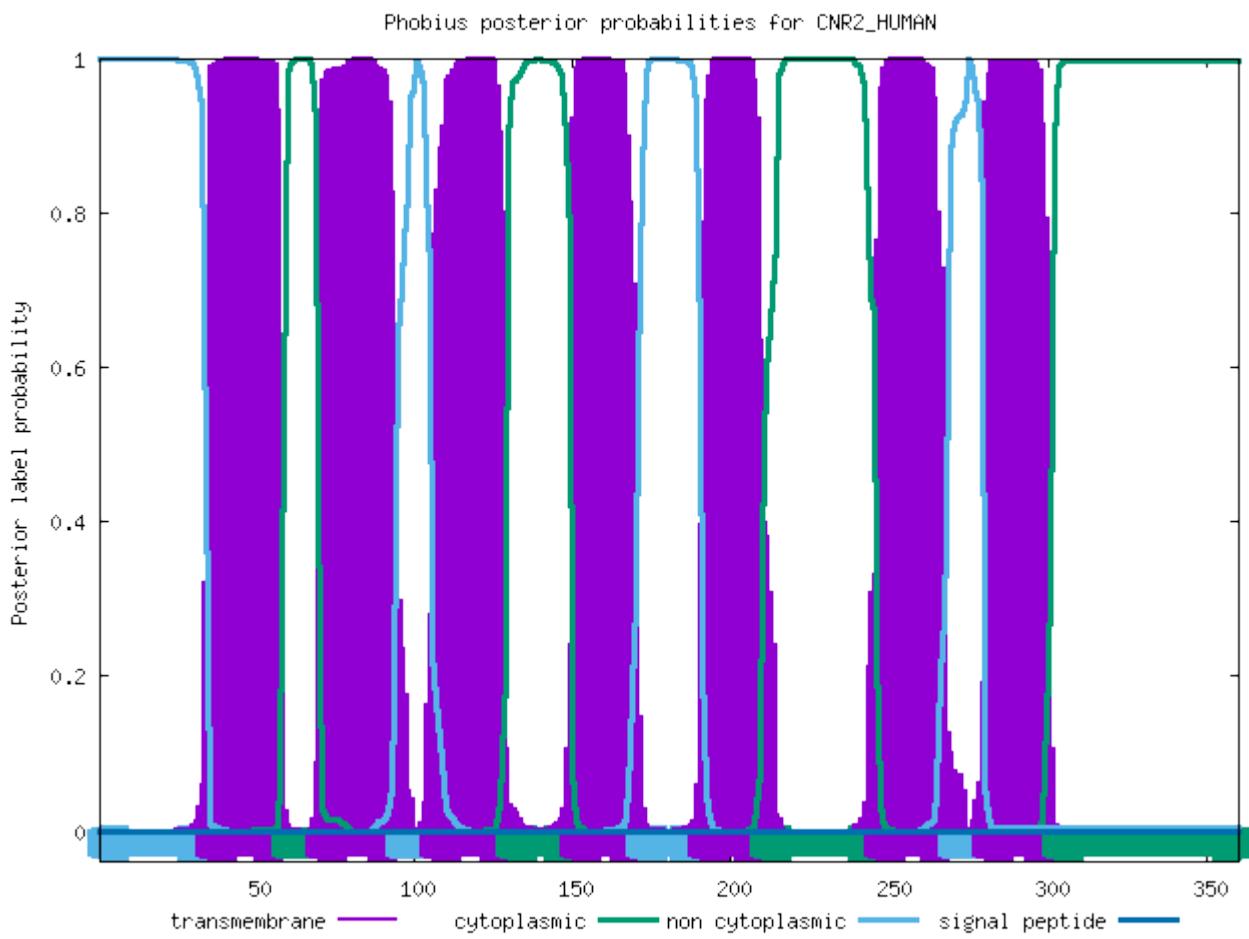
| ID | CNR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 116 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 141 | |
| FT | TOPO_DOM | 142 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 175 | |
| FT | TOPO_DOM | 176 | 186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 212 | |
| FT | TOPO_DOM | 213 | 232 | CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 255 | |
| FT | TOPO_DOM | 256 | 274 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 299 | |
| FT | TOPO_DOM | 300 | 344 | CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 365 | |
| FT | TOPO_DOM | 366 | 376 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 377 | 399 | |
| FT | TOPO_DOM | 400 | 472 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CNR2_HUMAN

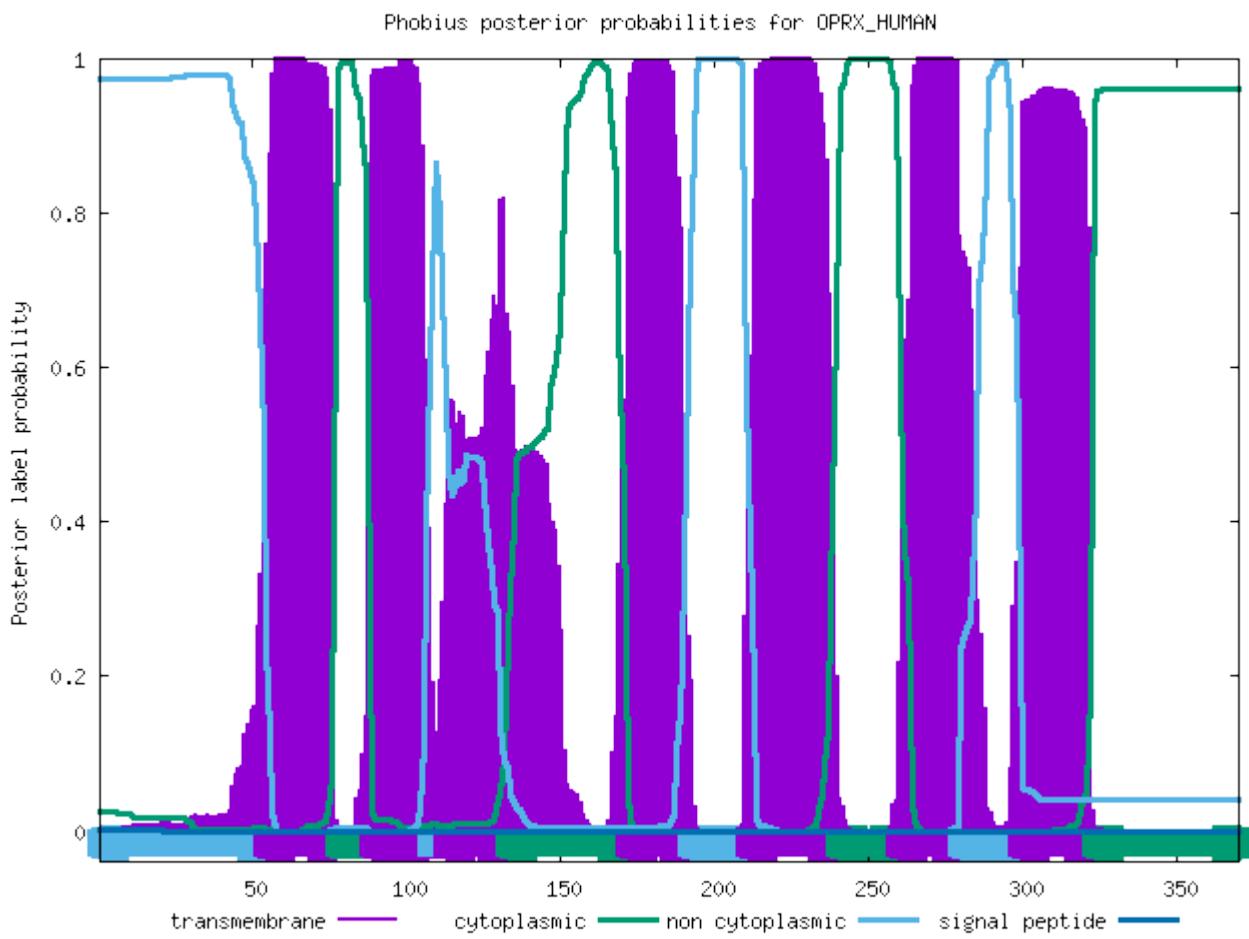
| ID | CNR2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 34 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 35 | 58 | |
| FT | TOPO_DOM | 59 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 94 | |
| FT | TOPO_DOM | 95 | 105 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 106 | 129 | |
| FT | TOPO_DOM | 130 | 149 | CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 170 | |
| FT | TOPO_DOM | 171 | 189 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 209 | |
| FT | TOPO_DOM | 210 | 245 | CYTOPLASMIC. |
| FT | TRANSMEM | 246 | 268 | |
| FT | TOPO_DOM | 269 | 279 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 301 | |
| FT | TOPO_DOM | 302 | 360 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OPRX_HUMAN

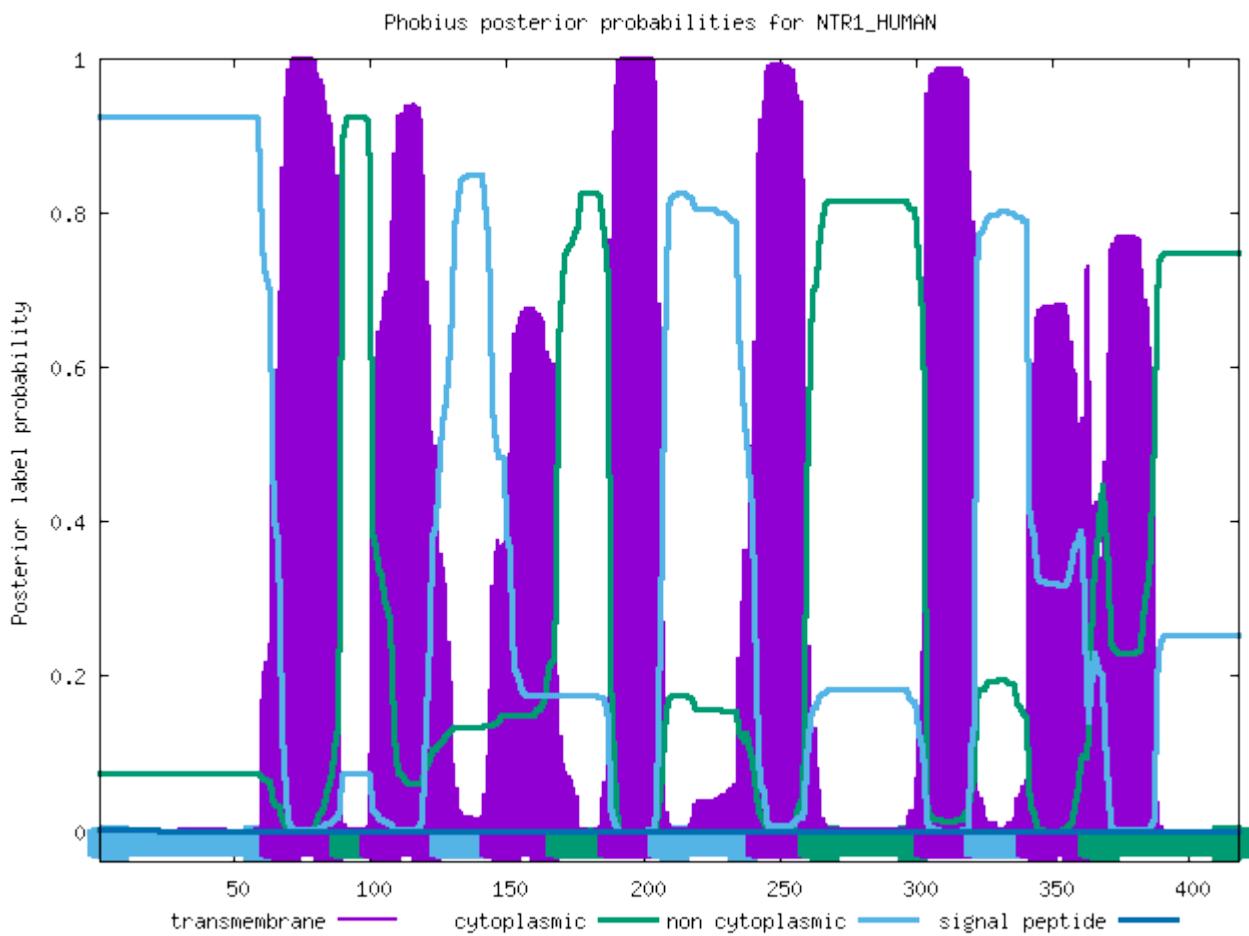
| ID | OPRX_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 54 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 77 | |
| FT | TOPO_DOM | 78 | 88 | CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 107 | |
| FT | TOPO_DOM | 108 | 112 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 132 | |
| FT | TOPO_DOM | 133 | 171 | CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 191 | |
| FT | TOPO_DOM | 192 | 210 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 239 | |
| FT | TOPO_DOM | 240 | 259 | CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 279 | |
| FT | TOPO_DOM | 280 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 322 | |
| FT | TOPO_DOM | 323 | 370 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NTR1_HUMAN

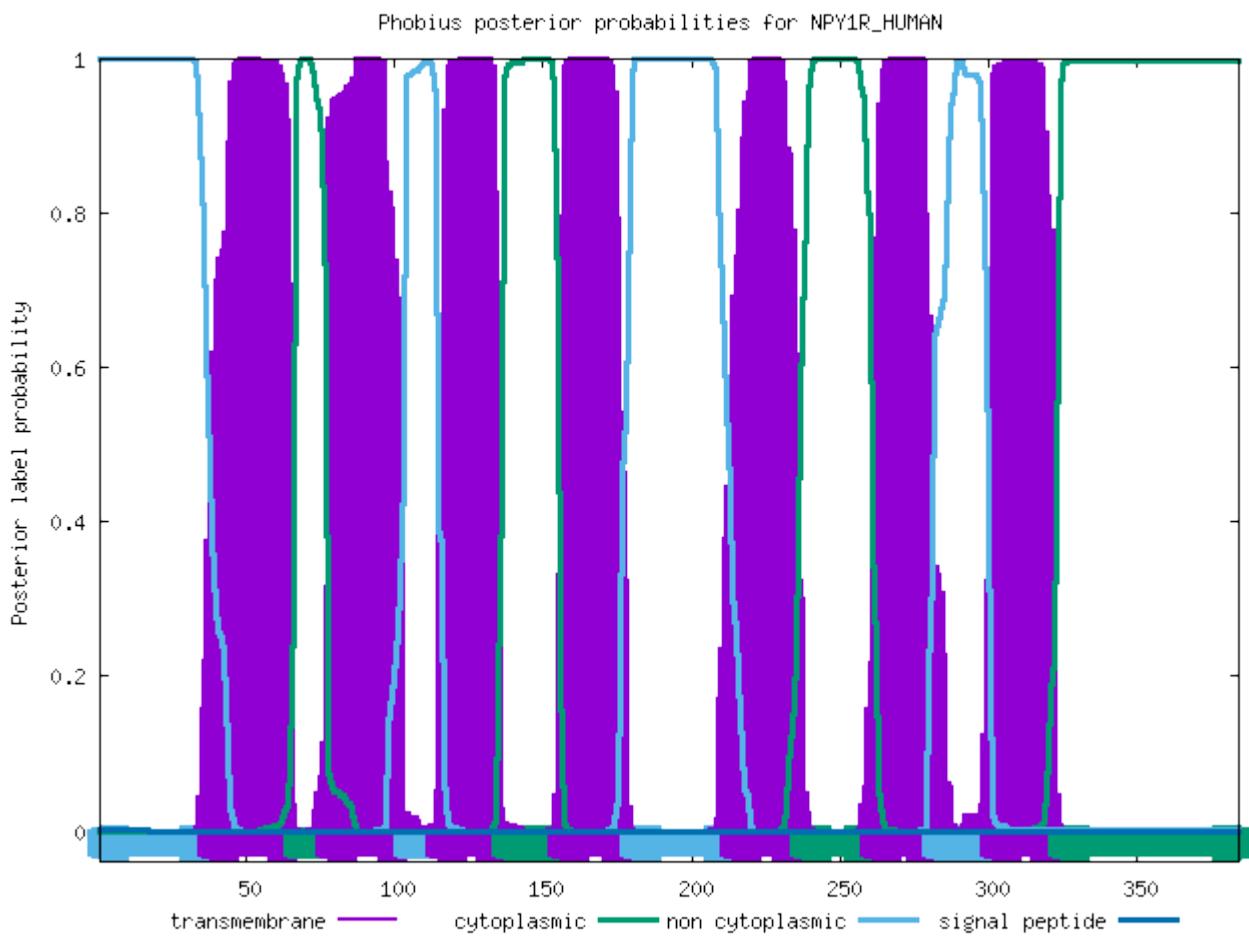
| ID | NTR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 63 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 89 | |
| FT | TOPO_DOM | 90 | 100 | CYTOPLASMIC. |
| FT | TRANSMEM | 101 | 125 | |
| FT | TOPO_DOM | 126 | 144 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 145 | 168 | |
| FT | TOPO_DOM | 169 | 187 | CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 205 | |
| FT | TOPO_DOM | 206 | 241 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 260 | |
| FT | TOPO_DOM | 261 | 303 | CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 321 | |
| FT | TOPO_DOM | 322 | 340 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 363 | |
| FT | TOPO_DOM | 364 | 418 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPY1R_HUMAN

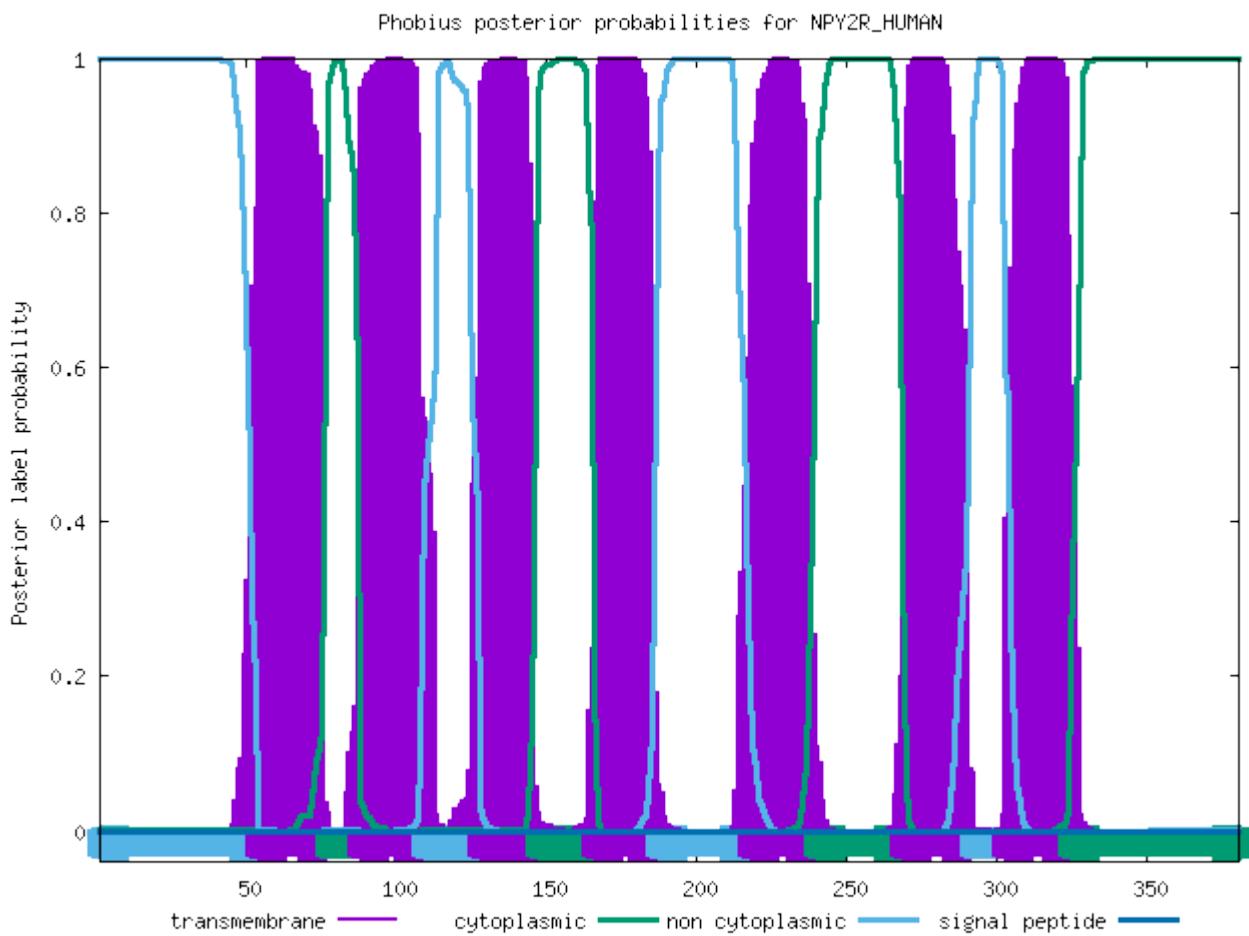
| ID | NPY1R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 66 | |
| FT | TOPO_DOM | 67 | 77 | CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 103 | |
| FT | TOPO_DOM | 104 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 136 | |
| FT | TOPO_DOM | 137 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 179 | |
| FT | TOPO_DOM | 180 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 236 | |
| FT | TOPO_DOM | 237 | 260 | CYTOPLASMIC. |
| FT | TRANSMEM | 261 | 281 | |
| FT | TOPO_DOM | 282 | 300 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 301 | 323 | |
| FT | TOPO_DOM | 324 | 384 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPY2R_HUMAN

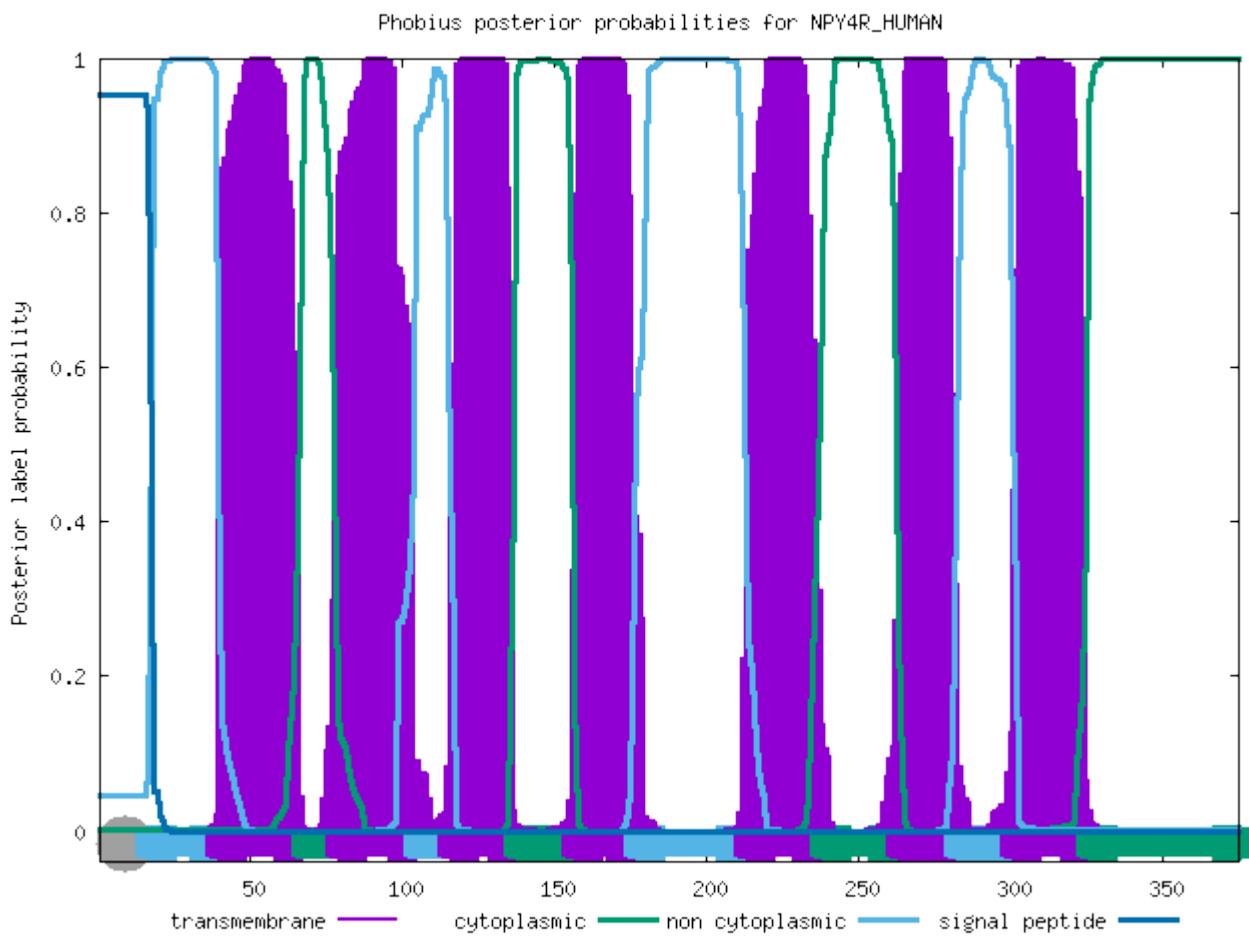
| ID | NPY2R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 53 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 76 | |
| FT | TOPO_DOM | 77 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 108 | |
| FT | TOPO_DOM | 109 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 146 | |
| FT | TOPO_DOM | 147 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 186 | |
| FT | TOPO_DOM | 187 | 217 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 218 | 239 | |
| FT | TOPO_DOM | 240 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 291 | |
| FT | TOPO_DOM | 292 | 302 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 303 | 324 | |
| FT | TOPO_DOM | 325 | 381 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPY4R_HUMAN

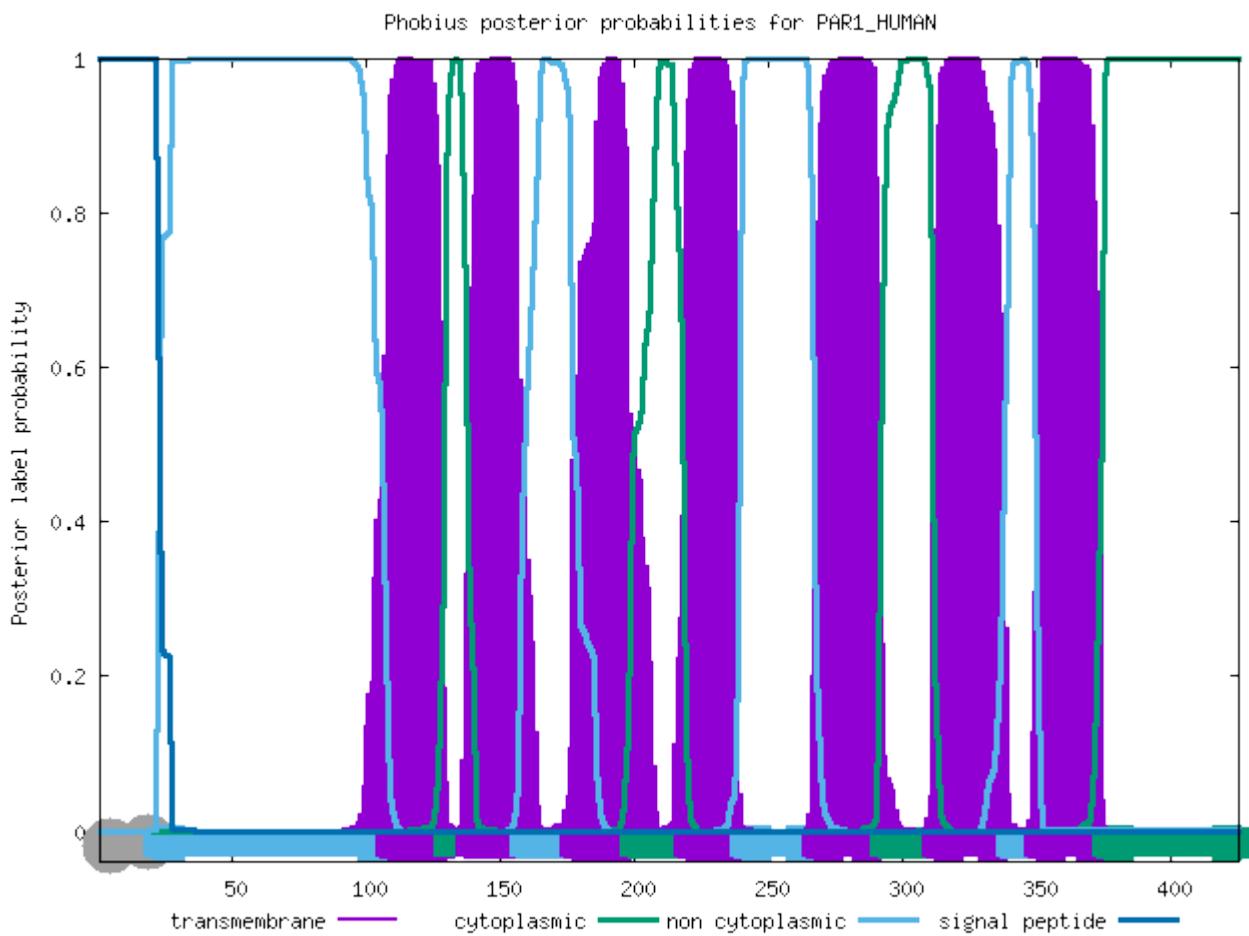
| ID | NPY4R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 16 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 11 | H-REGION. |
| FT | REGION | 12 | 16 | C-REGION. |
| FT | TOPO_DOM | 17 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 67 | |
| FT | TOPO_DOM | 68 | 78 | CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 104 | |
| FT | TOPO_DOM | 105 | 115 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 116 | 137 | |
| FT | TOPO_DOM | 138 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 176 | |
| FT | TOPO_DOM | 177 | 212 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 213 | 237 | |
| FT | TOPO_DOM | 238 | 262 | CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 281 | |
| FT | TOPO_DOM | 282 | 300 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 301 | 325 | |
| FT | TOPO_DOM | 326 | 375 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PAR1_HUMAN

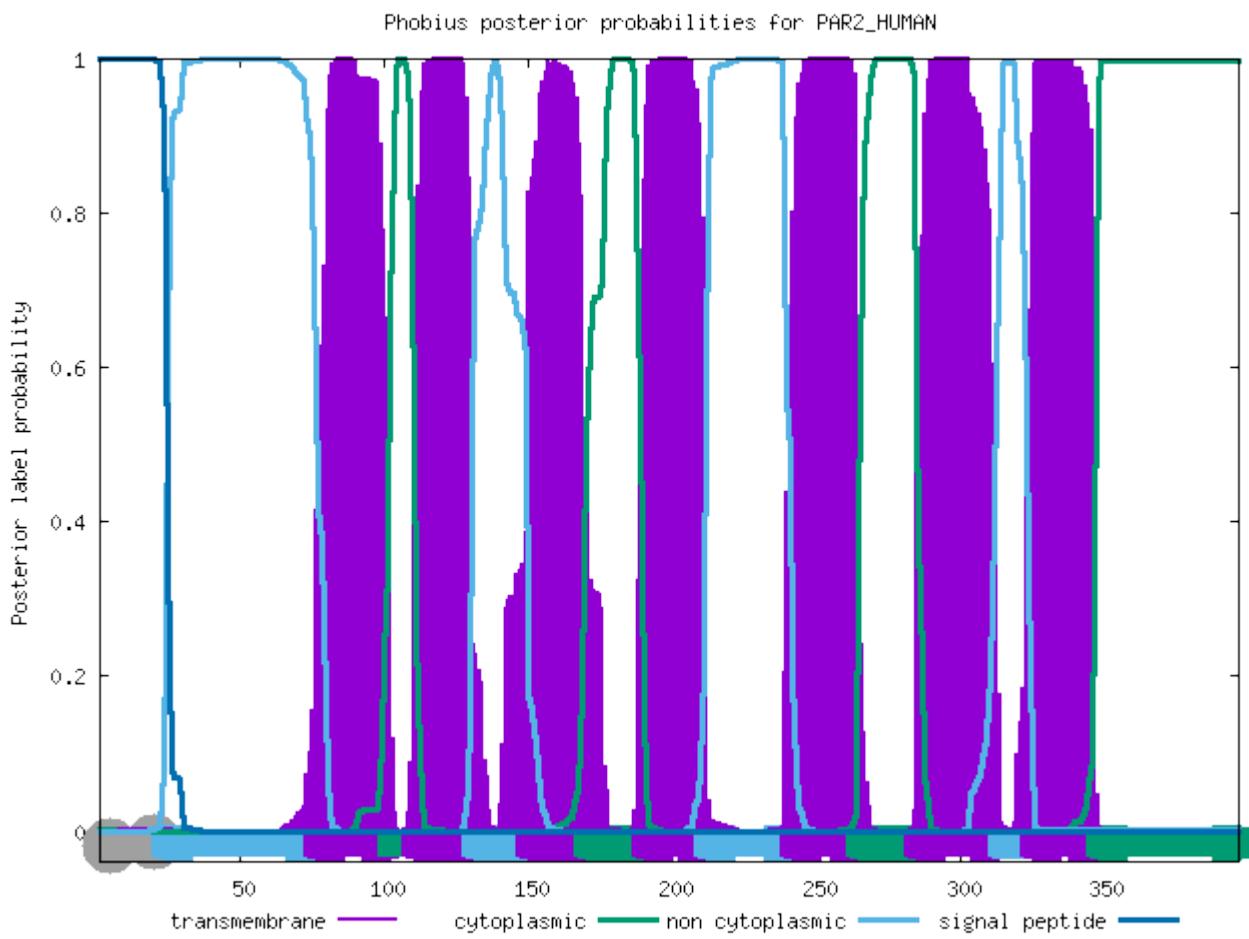
| ID | PAR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 16 | H-REGION. |
| FT | REGION | 17 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 107 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 129 | |
| FT | TOPO_DOM | 130 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 157 | |
| FT | TOPO_DOM | 158 | 176 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 177 | 198 | |
| FT | TOPO_DOM | 199 | 218 | CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 239 | |
| FT | TOPO_DOM | 240 | 266 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 291 | |
| FT | TOPO_DOM | 292 | 311 | CYTOPLASMIC. |
| FT | TRANSMEM | 312 | 338 | |
| FT | TOPO_DOM | 339 | 349 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 350 | 374 | |
| FT | TOPO_DOM | 375 | 425 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PAR2_HUMAN

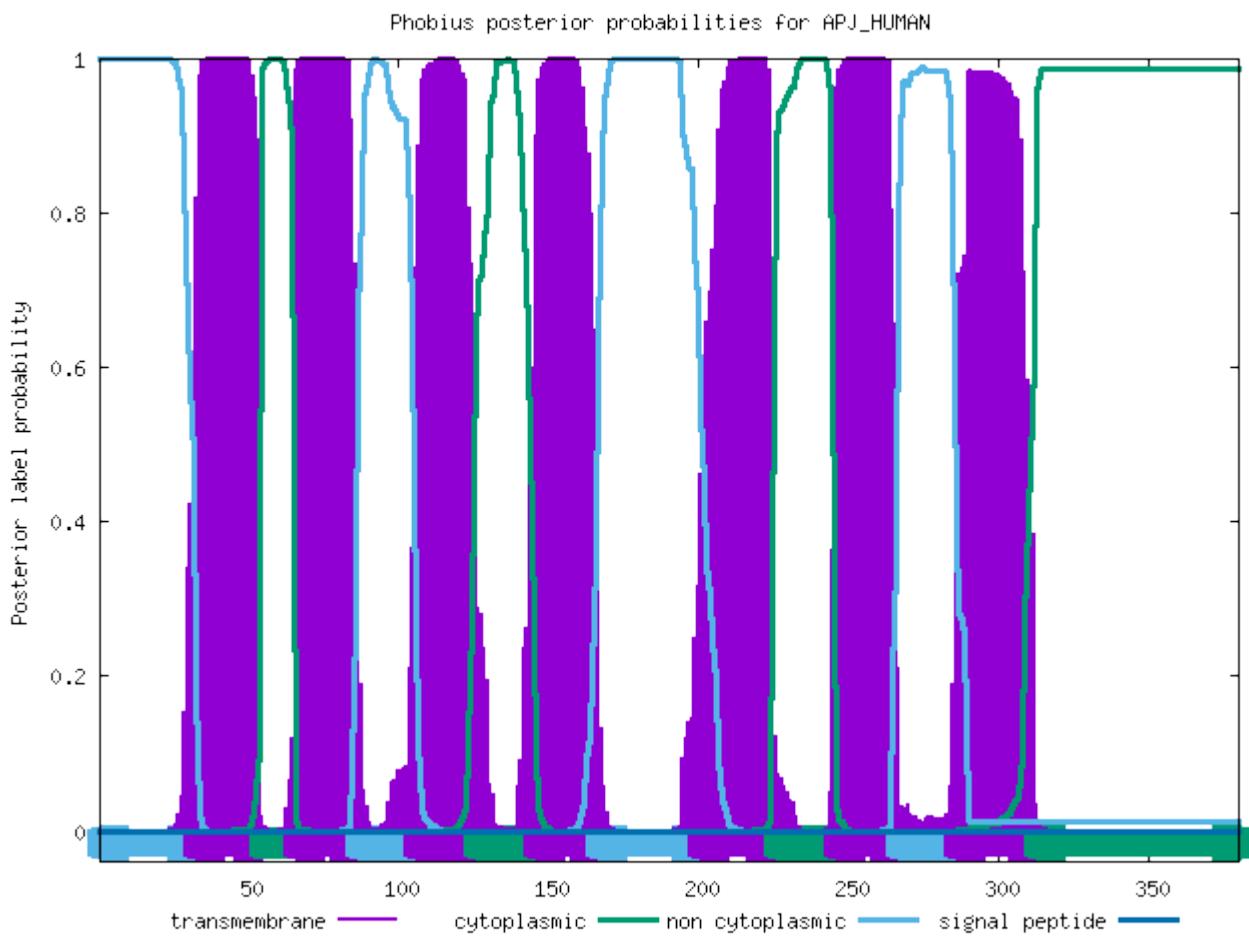
| ID | PAR2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 101 | |
| FT | TOPO_DOM | 102 | 109 | CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 130 | |
| FT | TOPO_DOM | 131 | 149 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 169 | |
| FT | TOPO_DOM | 170 | 189 | CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 211 | |
| FT | TOPO_DOM | 212 | 241 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 264 | |
| FT | TOPO_DOM | 265 | 284 | CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 313 | |
| FT | TOPO_DOM | 314 | 324 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 325 | 347 | |
| FT | TOPO_DOM | 348 | 397 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of APJ_HUMAN

| ID | APJ_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 32 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 54 | |
| FT | TOPO_DOM | 55 | 65 | CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 86 | |
| FT | TOPO_DOM | 87 | 105 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 106 | 125 | |
| FT | TOPO_DOM | 126 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 166 | |
| FT | TOPO_DOM | 167 | 200 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 201 | 225 | |
| FT | TOPO_DOM | 226 | 245 | CYTOPLASMIC. |
| FT | TRANSMEM | 246 | 266 | |
| FT | TOPO_DOM | 267 | 285 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 312 | |
| FT | TOPO_DOM | 313 | 380 | CYTOPLASMIC. |
| // | | | | |

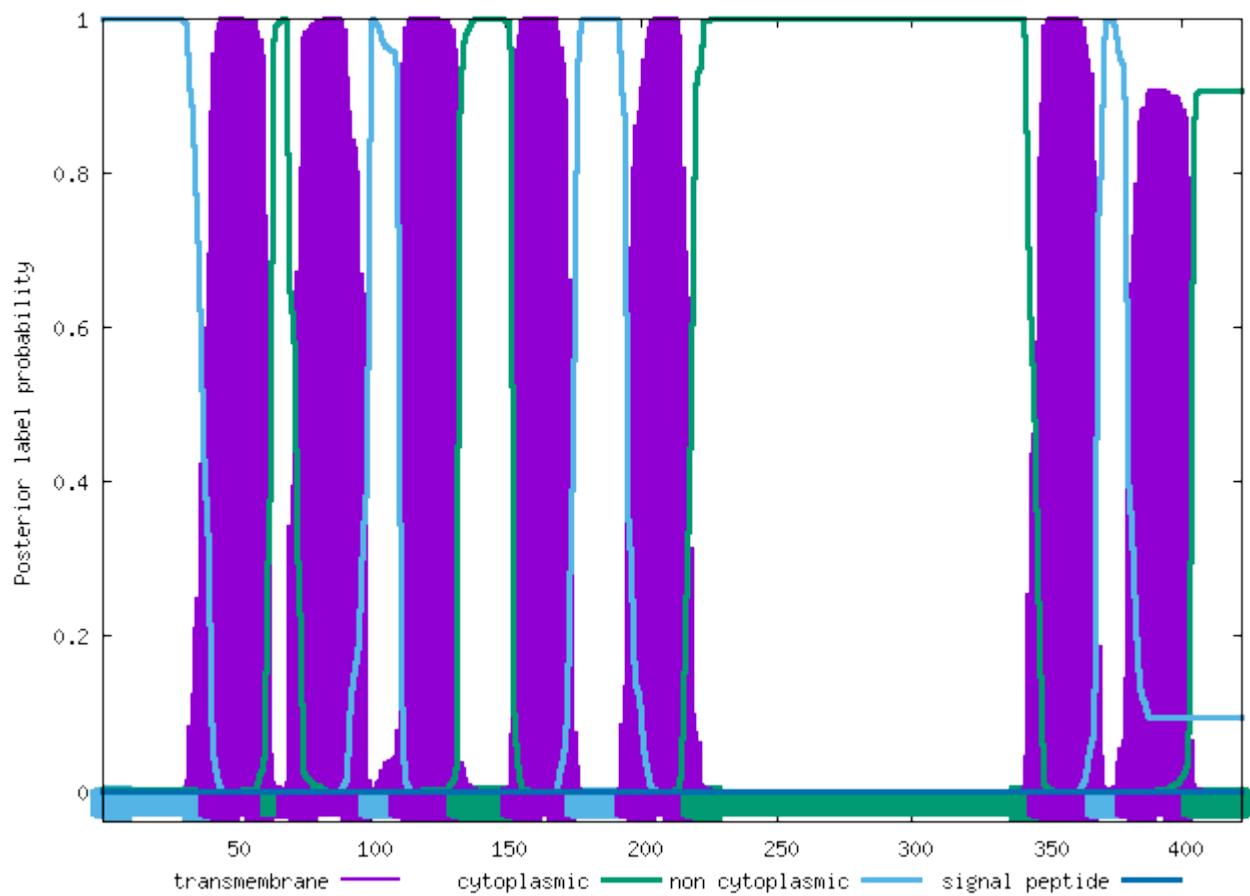


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT1A_HUMAN

| ID | 5HT1A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 40 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 63 | |
| FT | TOPO_DOM | 64 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 99 | |
| FT | TOPO_DOM | 100 | 110 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 132 | |
| FT | TOPO_DOM | 133 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 175 | |
| FT | TOPO_DOM | 176 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 218 | |
| FT | TOPO_DOM | 219 | 346 | CYTOPLASMIC. |
| FT | TRANSMEM | 347 | 368 | |
| FT | TOPO_DOM | 369 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 403 | |
| FT | TOPO_DOM | 404 | 422 | CYTOPLASMIC. |
| // | | | | |

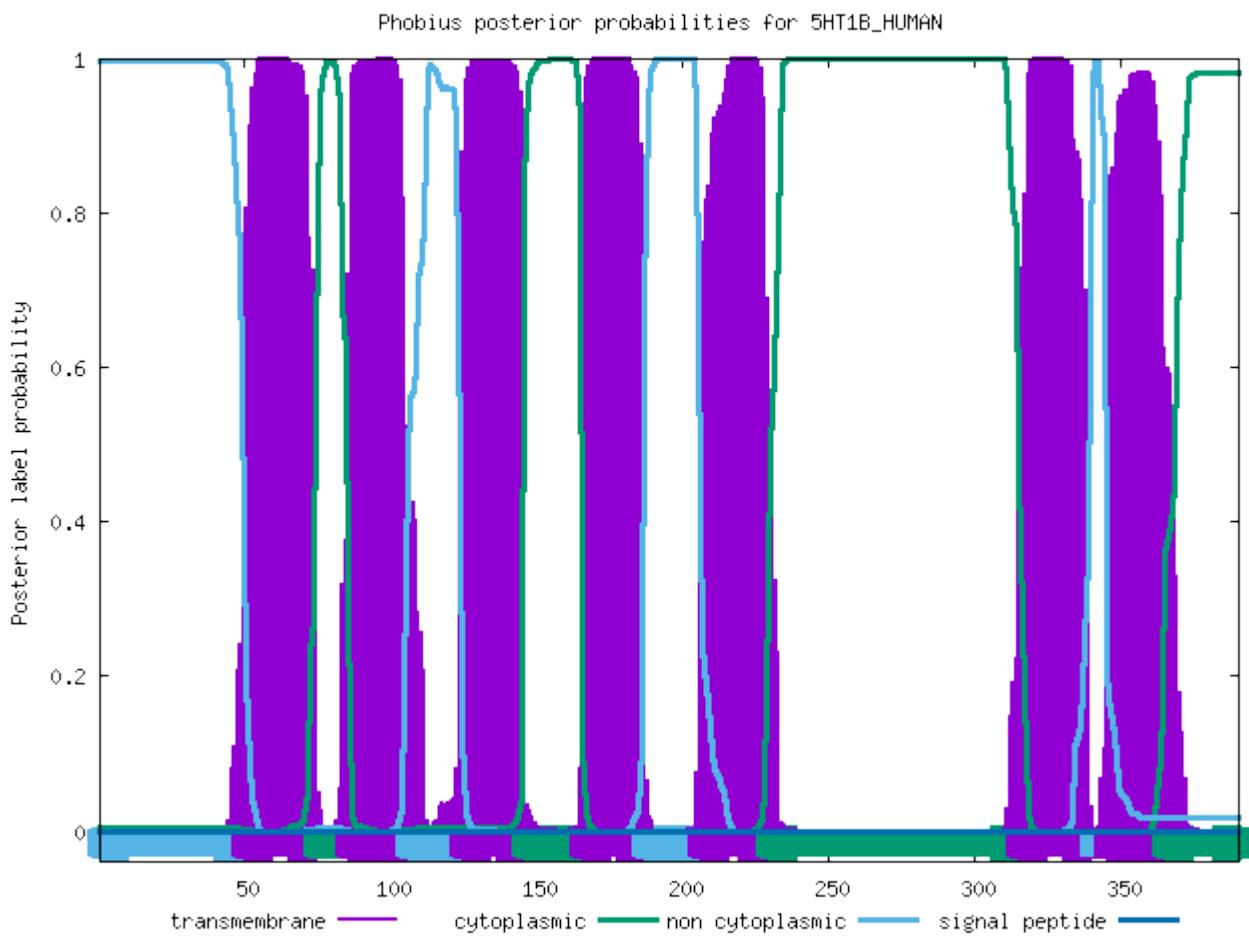
Phobius posterior probabilities for 5HT1A_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT1B_HUMAN

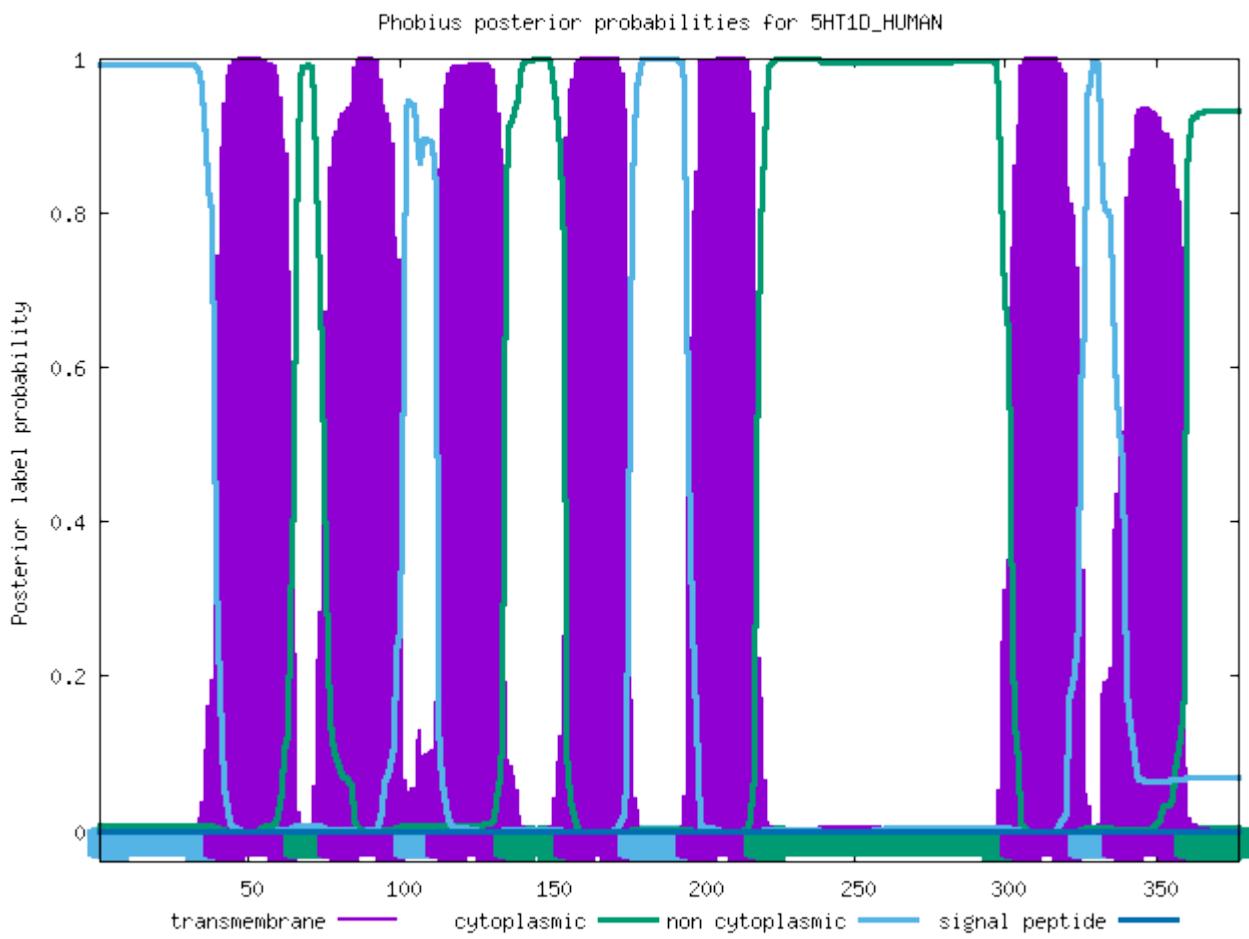
| ID | 5HT1B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 49 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 74 | |
| FT | TOPO_DOM | 75 | 85 | CYTOPLASMIC. |
| FT | TRANSMEM | 86 | 105 | |
| FT | TOPO_DOM | 106 | 124 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 125 | 145 | |
| FT | TOPO_DOM | 146 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 186 | |
| FT | TOPO_DOM | 187 | 205 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 206 | 228 | |
| FT | TOPO_DOM | 229 | 314 | CYTOPLASMIC. |
| FT | TRANSMEM | 315 | 339 | |
| FT | TOPO_DOM | 340 | 344 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 364 | |
| FT | TOPO_DOM | 365 | 390 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT1D_HUMAN

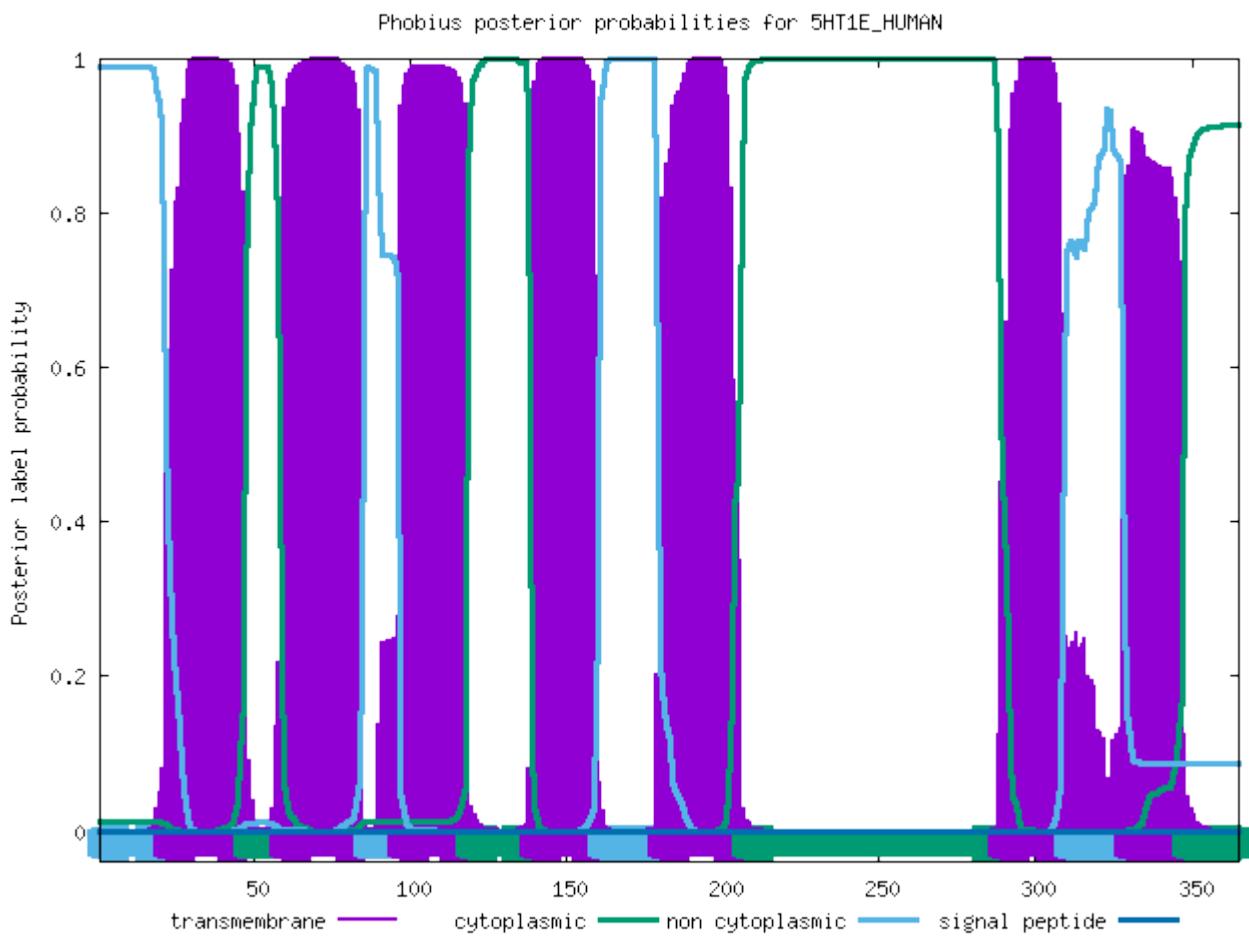
| ID | 5HT1D_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 38 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 101 | |
| FT | TOPO_DOM | 102 | 112 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 134 | |
| FT | TOPO_DOM | 135 | 154 | CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 175 | |
| FT | TOPO_DOM | 176 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 217 | |
| FT | TOPO_DOM | 218 | 301 | CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 324 | |
| FT | TOPO_DOM | 325 | 335 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 336 | 359 | |
| FT | TOPO_DOM | 360 | 377 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT1E_HUMAN

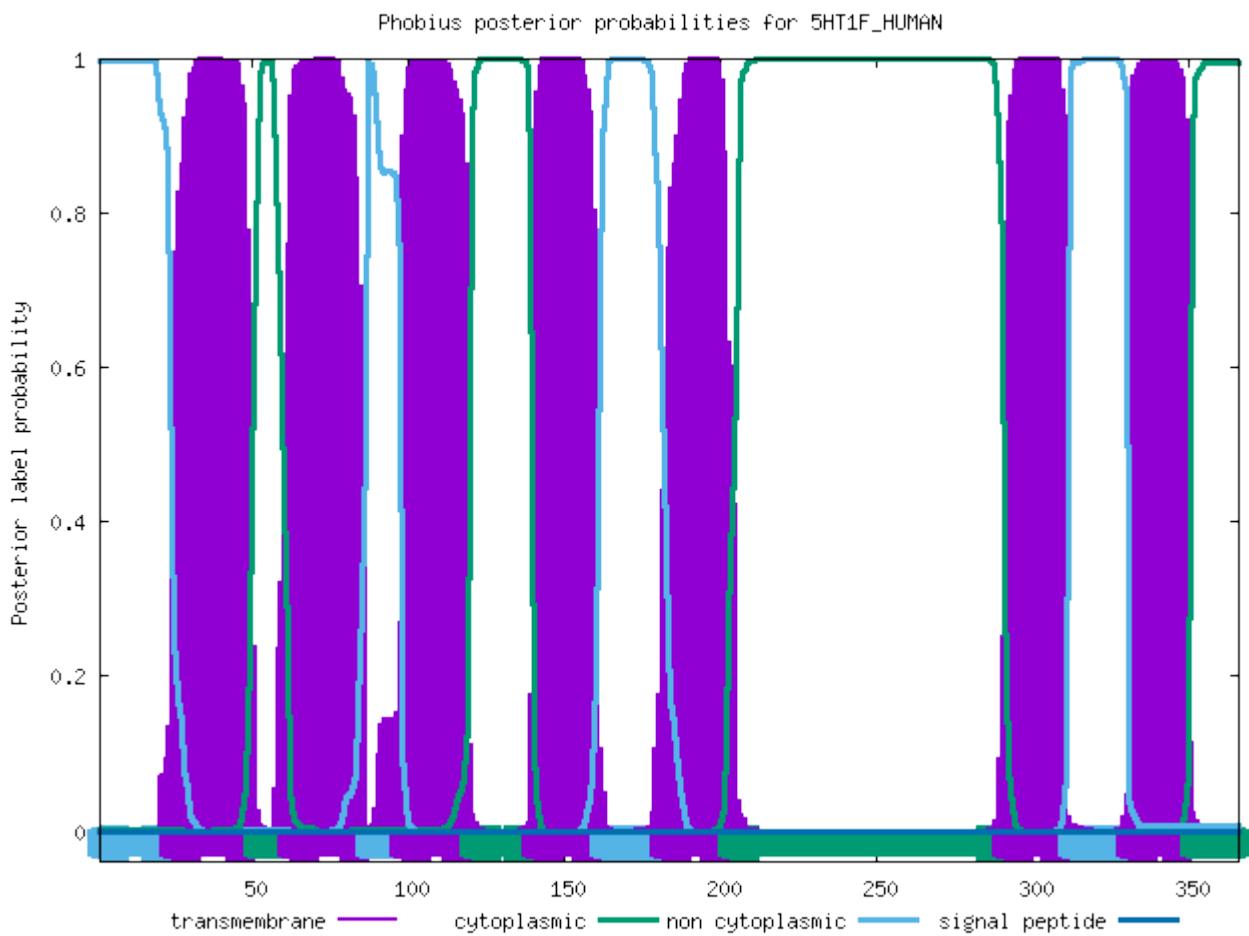
| ID | 5HT1E_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 21 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 22 | 47 | |
| FT | TOPO_DOM | 48 | 58 | CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 85 | |
| FT | TOPO_DOM | 86 | 96 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 118 | |
| FT | TOPO_DOM | 119 | 138 | CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 160 | |
| FT | TOPO_DOM | 161 | 179 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 180 | 206 | |
| FT | TOPO_DOM | 207 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 309 | |
| FT | TOPO_DOM | 310 | 328 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 329 | 347 | |
| FT | TOPO_DOM | 348 | 365 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT1F_HUMAN

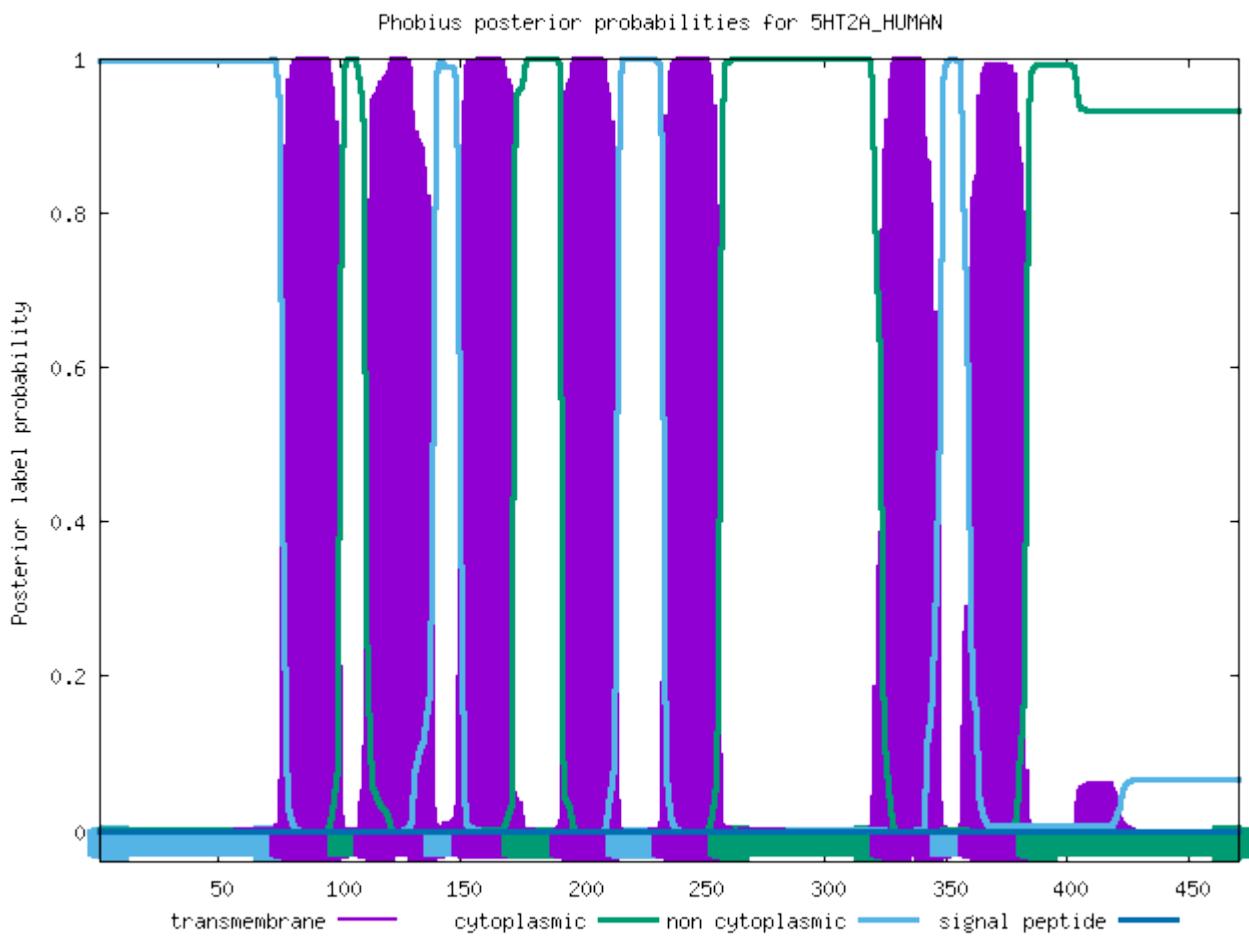
| ID | 5HT1F_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 23 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 24 | 50 | |
| FT | TOPO_DOM | 51 | 61 | CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 86 | |
| FT | TOPO_DOM | 87 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 119 | |
| FT | TOPO_DOM | 120 | 139 | CYTOPLASMIC. |
| FT | TRANSMEM | 140 | 161 | |
| FT | TOPO_DOM | 162 | 180 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 202 | |
| FT | TOPO_DOM | 203 | 290 | CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 311 | |
| FT | TOPO_DOM | 312 | 330 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 331 | 350 | |
| FT | TOPO_DOM | 351 | 366 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT2A_HUMAN

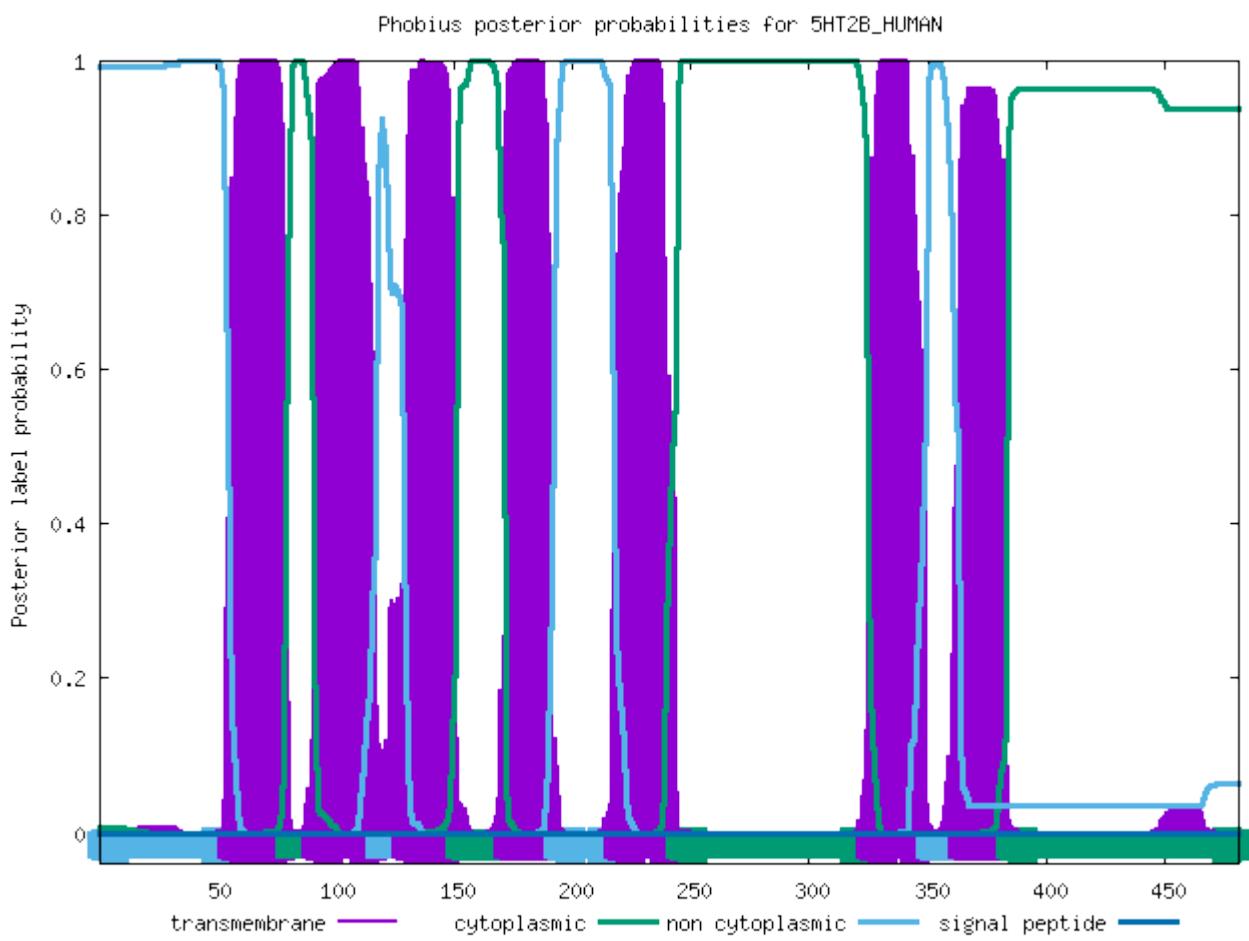
| ID | 5HT2A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 99 | |
| FT | TOPO_DOM | 100 | 110 | CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 139 | |
| FT | TOPO_DOM | 140 | 150 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 151 | 171 | |
| FT | TOPO_DOM | 172 | 191 | CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 214 | |
| FT | TOPO_DOM | 215 | 233 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 256 | |
| FT | TOPO_DOM | 257 | 323 | CYTOPLASMIC. |
| FT | TRANSMEM | 324 | 348 | |
| FT | TOPO_DOM | 349 | 359 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 360 | 383 | |
| FT | TOPO_DOM | 384 | 471 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT2B_HUMAN

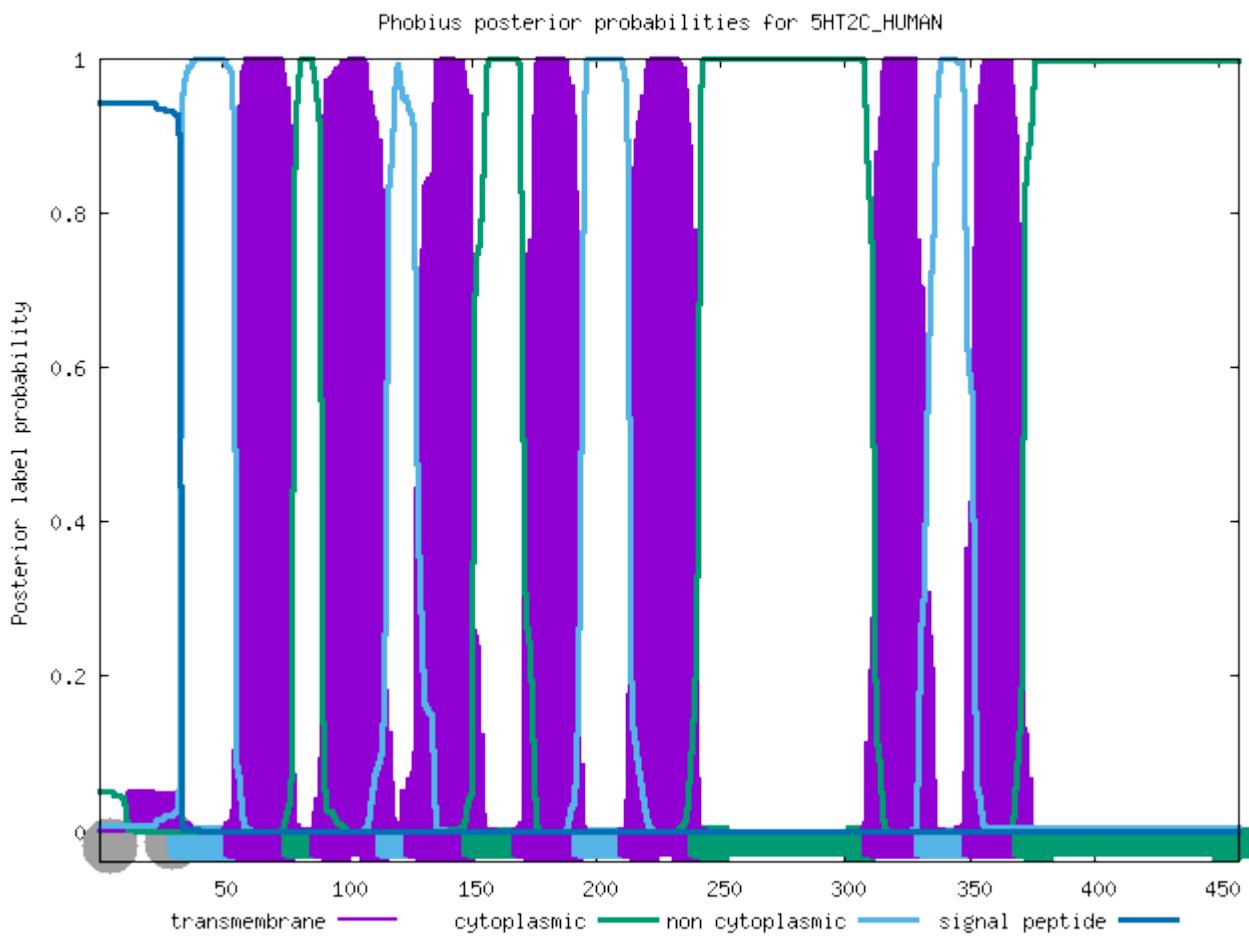
| ID | 5HT2B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 55 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 79 | |
| FT | TOPO_DOM | 80 | 90 | CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 117 | |
| FT | TOPO_DOM | 118 | 128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 151 | |
| FT | TOPO_DOM | 152 | 171 | CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 192 | |
| FT | TOPO_DOM | 193 | 218 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 244 | |
| FT | TOPO_DOM | 245 | 324 | CYTOPLASMIC. |
| FT | TRANSMEM | 325 | 349 | |
| FT | TOPO_DOM | 350 | 363 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 383 | |
| FT | TOPO_DOM | 384 | 481 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT2C_HUMAN

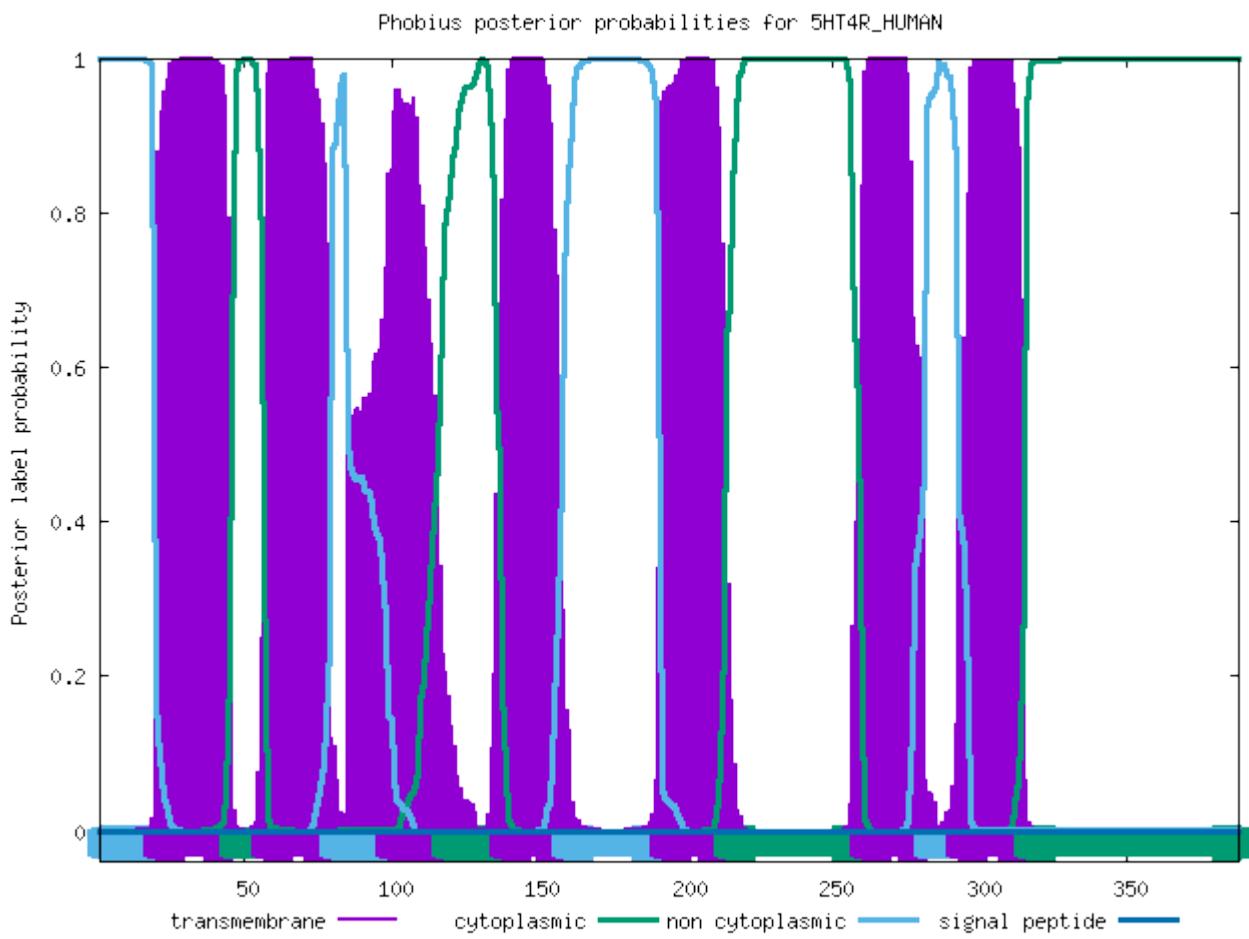
| ID | 5HT2C_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 32 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 21 | H-REGION. |
| FT | REGION | 22 | 32 | C-REGION. |
| FT | TOPO_DOM | 33 | 55 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 78 | |
| FT | TOPO_DOM | 79 | 89 | CYTOPLASMIC. |
| FT | TRANSMEM | 90 | 116 | |
| FT | TOPO_DOM | 117 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 150 | |
| FT | TOPO_DOM | 151 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 194 | |
| FT | TOPO_DOM | 195 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 241 | |
| FT | TOPO_DOM | 242 | 311 | CYTOPLASMIC. |
| FT | TRANSMEM | 312 | 332 | |
| FT | TOPO_DOM | 333 | 351 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 352 | 371 | |
| FT | TOPO_DOM | 372 | 458 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT4R_HUMAN

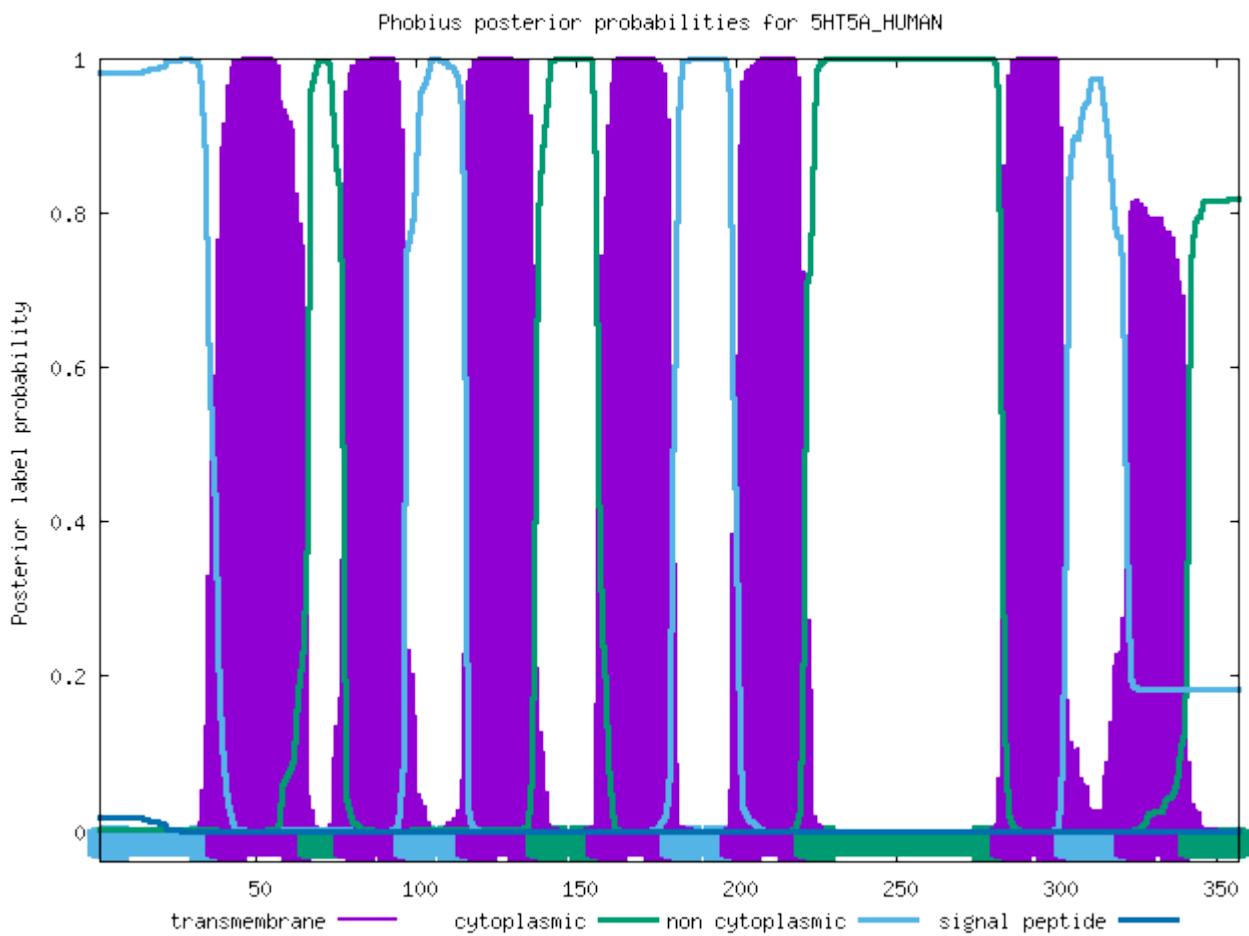
| ID | 5HT4R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 45 | |
| FT | TOPO_DOM | 46 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 79 | |
| FT | TOPO_DOM | 80 | 98 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 117 | |
| FT | TOPO_DOM | 118 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 158 | |
| FT | TOPO_DOM | 159 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 213 | |
| FT | TOPO_DOM | 214 | 259 | CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 281 | |
| FT | TOPO_DOM | 282 | 292 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 293 | 315 | |
| FT | TOPO_DOM | 316 | 388 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT5A_HUMAN

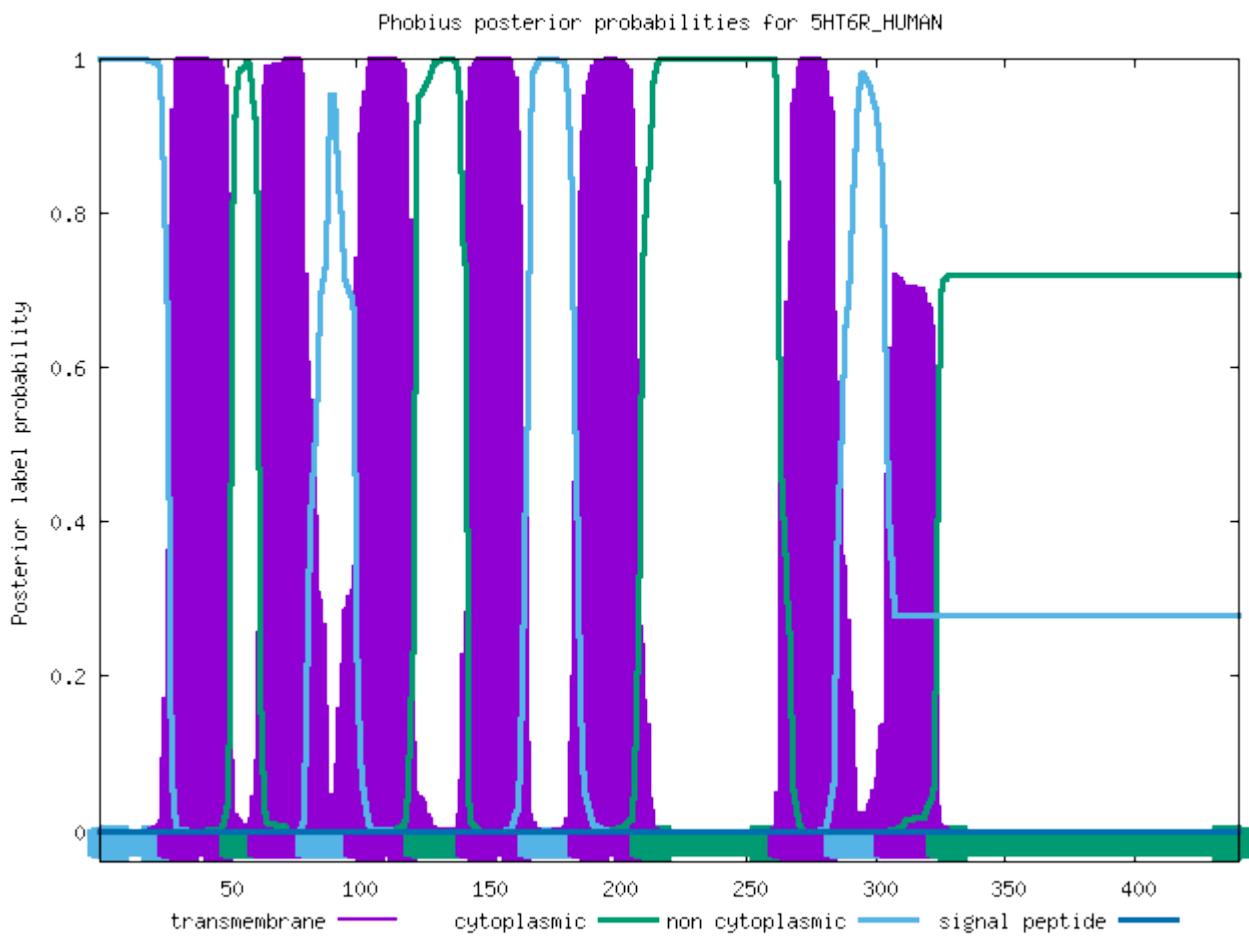
| ID | 5HT5A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 66 | |
| FT | TOPO_DOM | 67 | 77 | CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 96 | |
| FT | TOPO_DOM | 97 | 115 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 116 | 137 | |
| FT | TOPO_DOM | 138 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 179 | |
| FT | TOPO_DOM | 180 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 221 | |
| FT | TOPO_DOM | 222 | 282 | CYTOPLASMIC. |
| FT | TRANSMEM | 283 | 302 | |
| FT | TOPO_DOM | 303 | 321 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 322 | 341 | |
| FT | TOPO_DOM | 342 | 357 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT6R_HUMAN

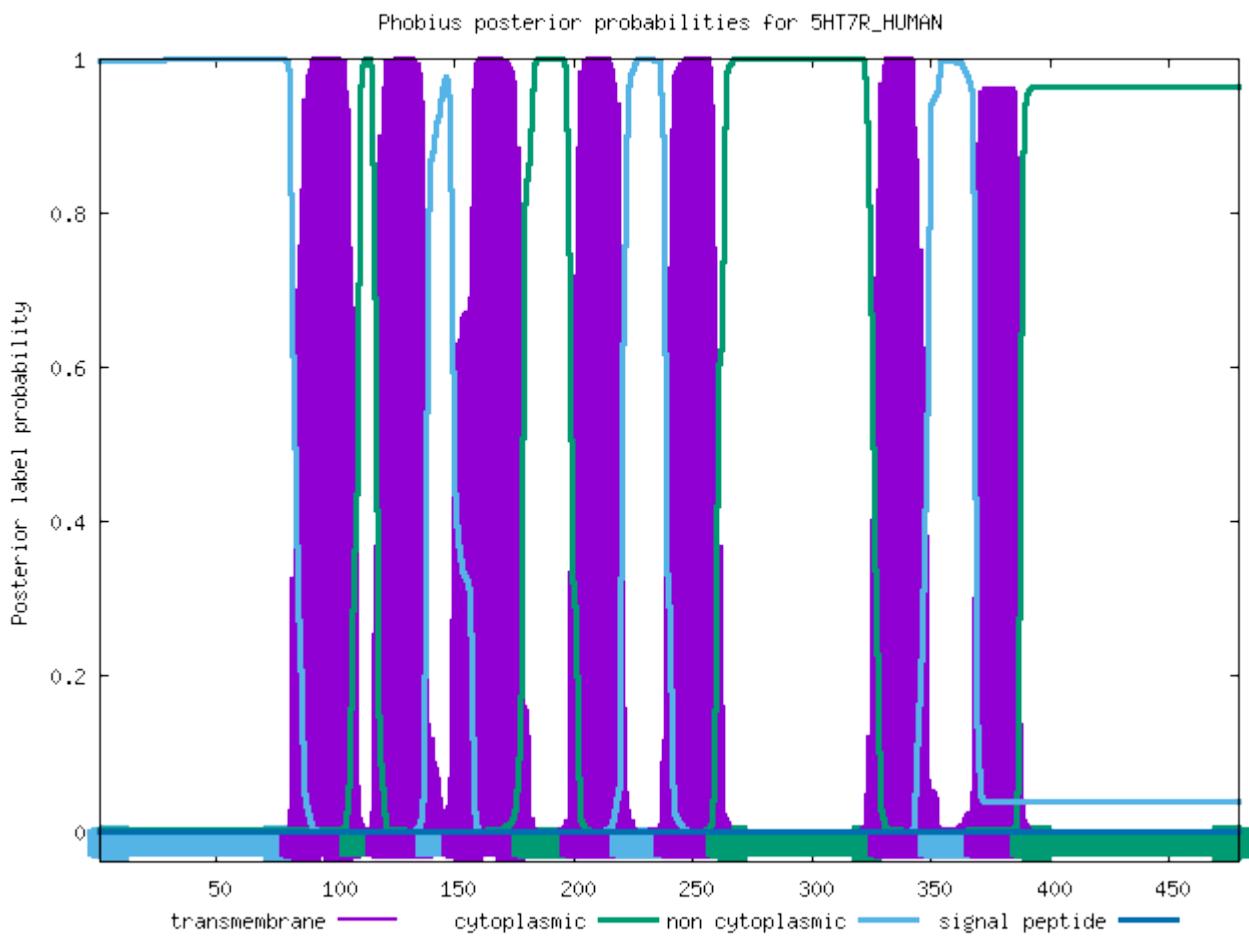
| ID | 5HT6R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 27 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 28 | 51 | |
| FT | TOPO_DOM | 52 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 80 | |
| FT | TOPO_DOM | 81 | 99 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 122 | |
| FT | TOPO_DOM | 123 | 142 | CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 166 | |
| FT | TOPO_DOM | 167 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 209 | |
| FT | TOPO_DOM | 210 | 262 | CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 284 | |
| FT | TOPO_DOM | 285 | 303 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 323 | |
| FT | TOPO_DOM | 324 | 440 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 5HT7R_HUMAN

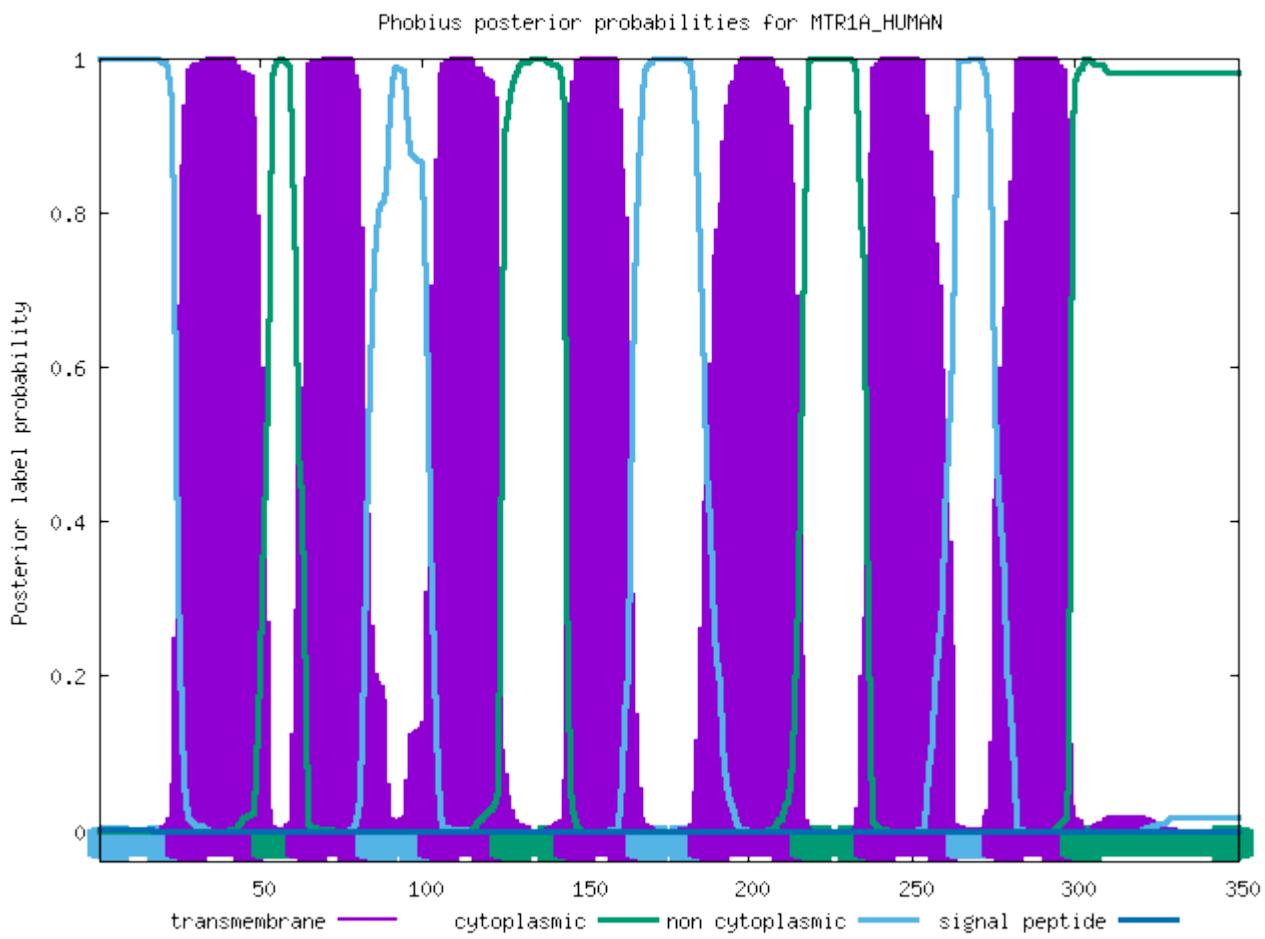
| ID | 5HT7R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 81 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 106 | |
| FT | TOPO_DOM | 107 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 138 | |
| FT | TOPO_DOM | 139 | 149 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 150 | 178 | |
| FT | TOPO_DOM | 179 | 198 | CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 219 | |
| FT | TOPO_DOM | 220 | 238 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 260 | |
| FT | TOPO_DOM | 261 | 328 | CYTOPLASMIC. |
| FT | TRANSMEM | 329 | 349 | |
| FT | TOPO_DOM | 350 | 368 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 369 | 387 | |
| FT | TOPO_DOM | 388 | 479 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MTR1A_HUMAN

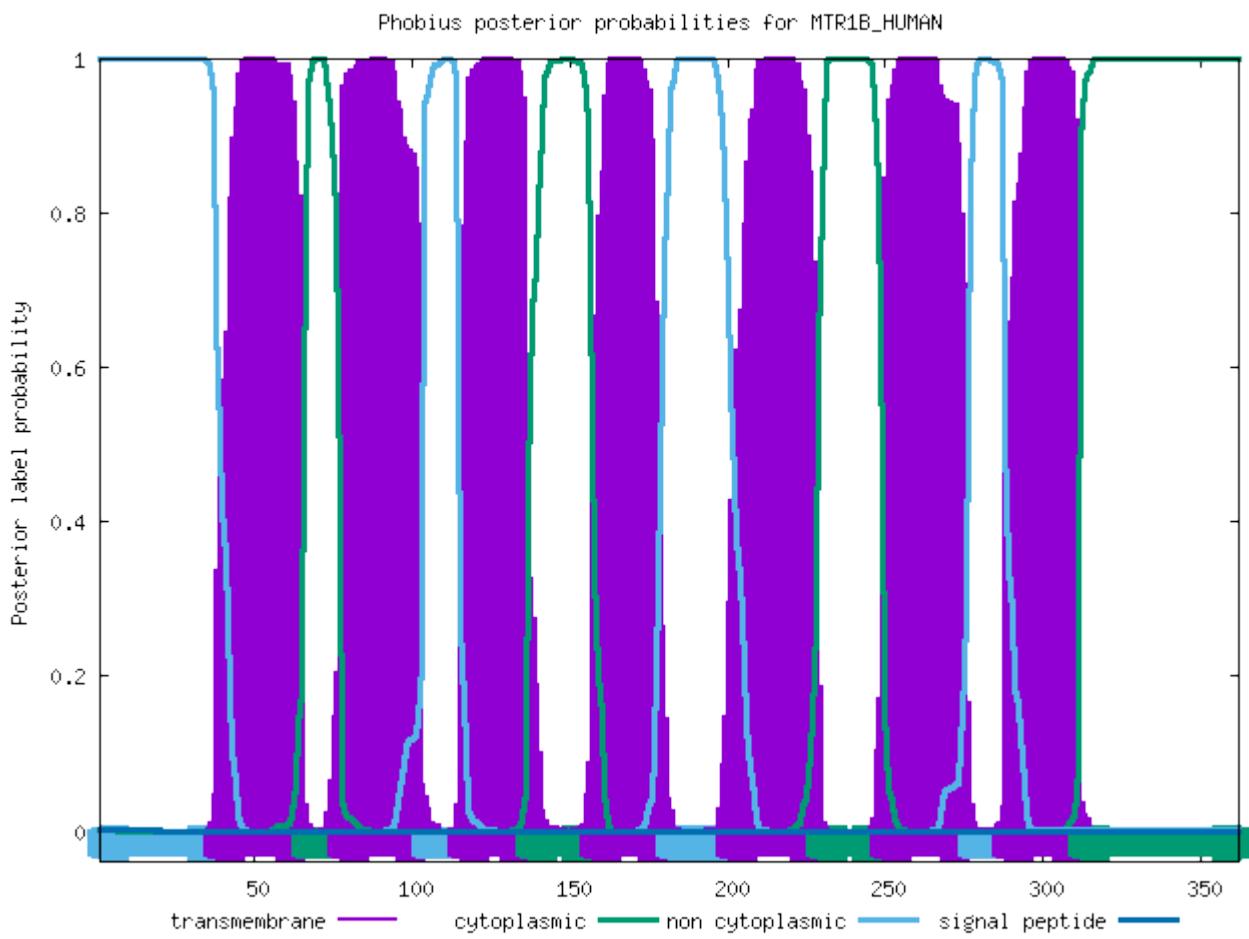
| ID | MTR1A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 24 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 25 | 50 | |
| FT | TOPO_DOM | 51 | 61 | CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 82 | |
| FT | TOPO_DOM | 83 | 101 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 102 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 165 | |
| FT | TOPO_DOM | 166 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 215 | |
| FT | TOPO_DOM | 216 | 235 | CYTOPLASMIC. |
| FT | TRANSMEM | 236 | 263 | |
| FT | TOPO_DOM | 264 | 274 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 298 | |
| FT | TOPO_DOM | 299 | 350 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MTR1B_HUMAN

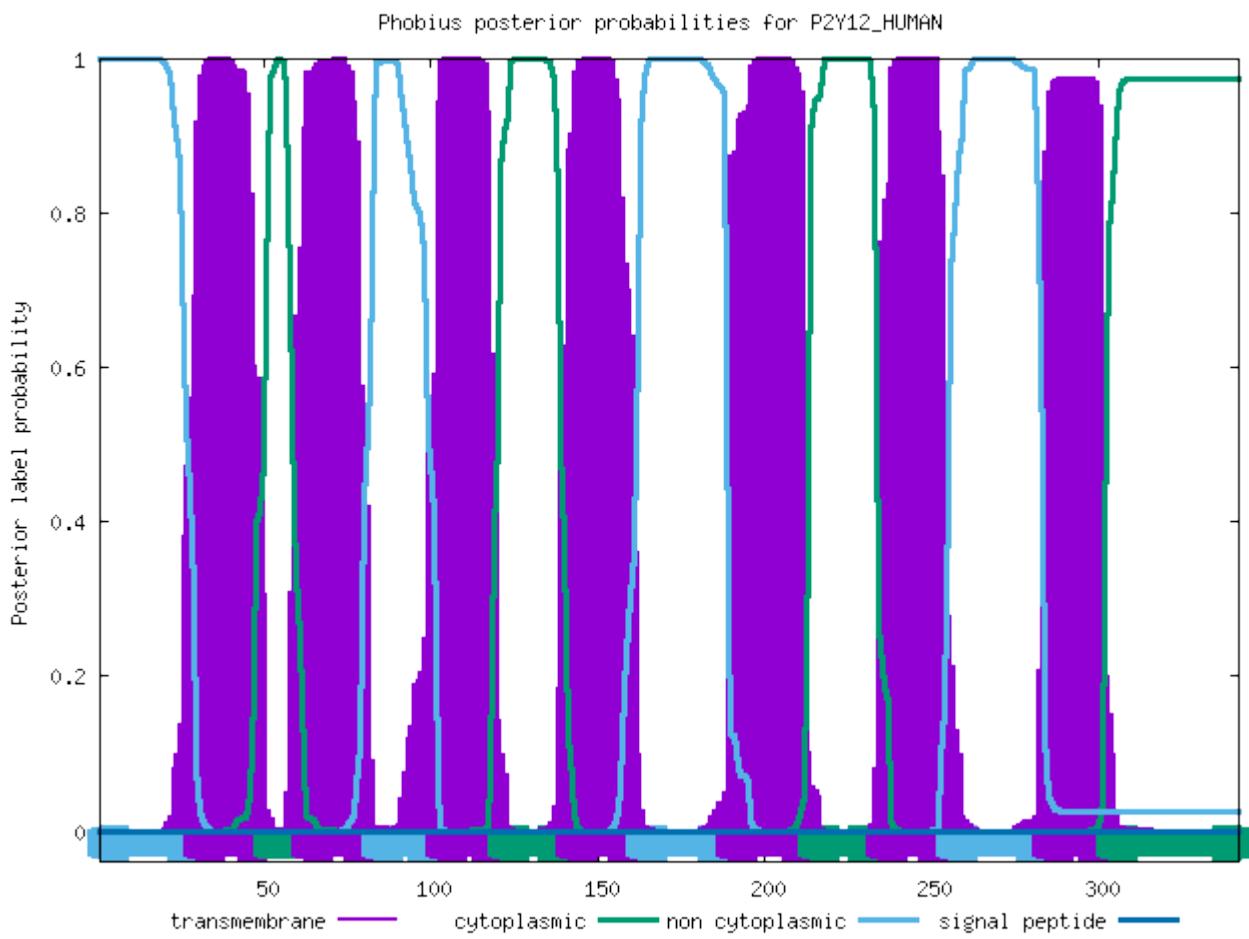
| ID | MTR1B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 103 | |
| FT | TOPO_DOM | 104 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 136 | |
| FT | TOPO_DOM | 137 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 180 | |
| FT | TOPO_DOM | 181 | 199 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 228 | |
| FT | TOPO_DOM | 229 | 248 | CYTOPLASMIC. |
| FT | TRANSMEM | 249 | 276 | |
| FT | TOPO_DOM | 277 | 287 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 288 | 311 | |
| FT | TOPO_DOM | 312 | 362 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of P2Y12_HUMAN

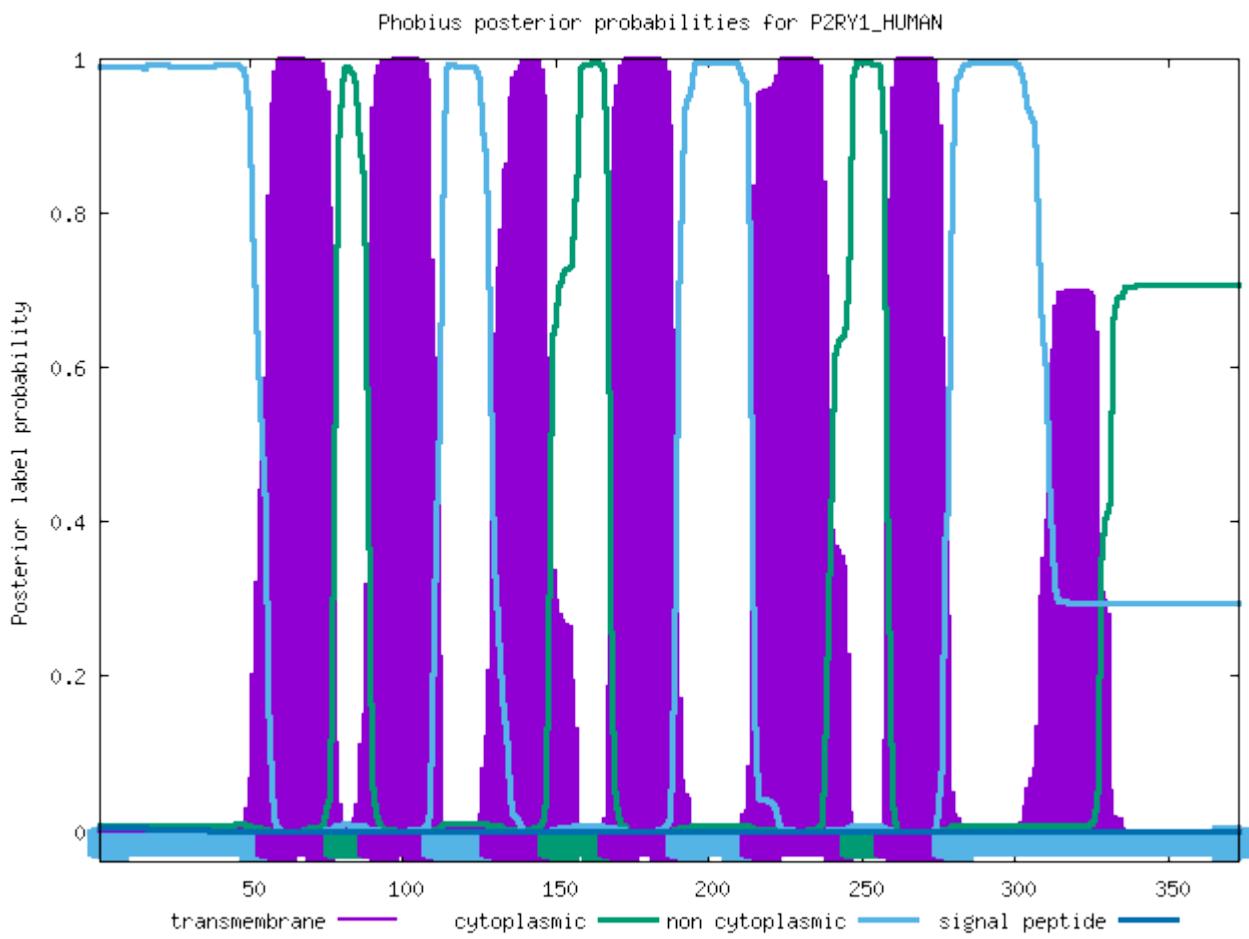
| ID | P2Y12_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 50 | |
| FT | TOPO_DOM | 51 | 61 | CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 82 | |
| FT | TOPO_DOM | 83 | 101 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 102 | 120 | |
| FT | TOPO_DOM | 121 | 140 | CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 161 | |
| FT | TOPO_DOM | 162 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 213 | |
| FT | TOPO_DOM | 214 | 233 | CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 254 | |
| FT | TOPO_DOM | 255 | 283 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 284 | 302 | |
| FT | TOPO_DOM | 303 | 342 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of P2RY1_HUMAN

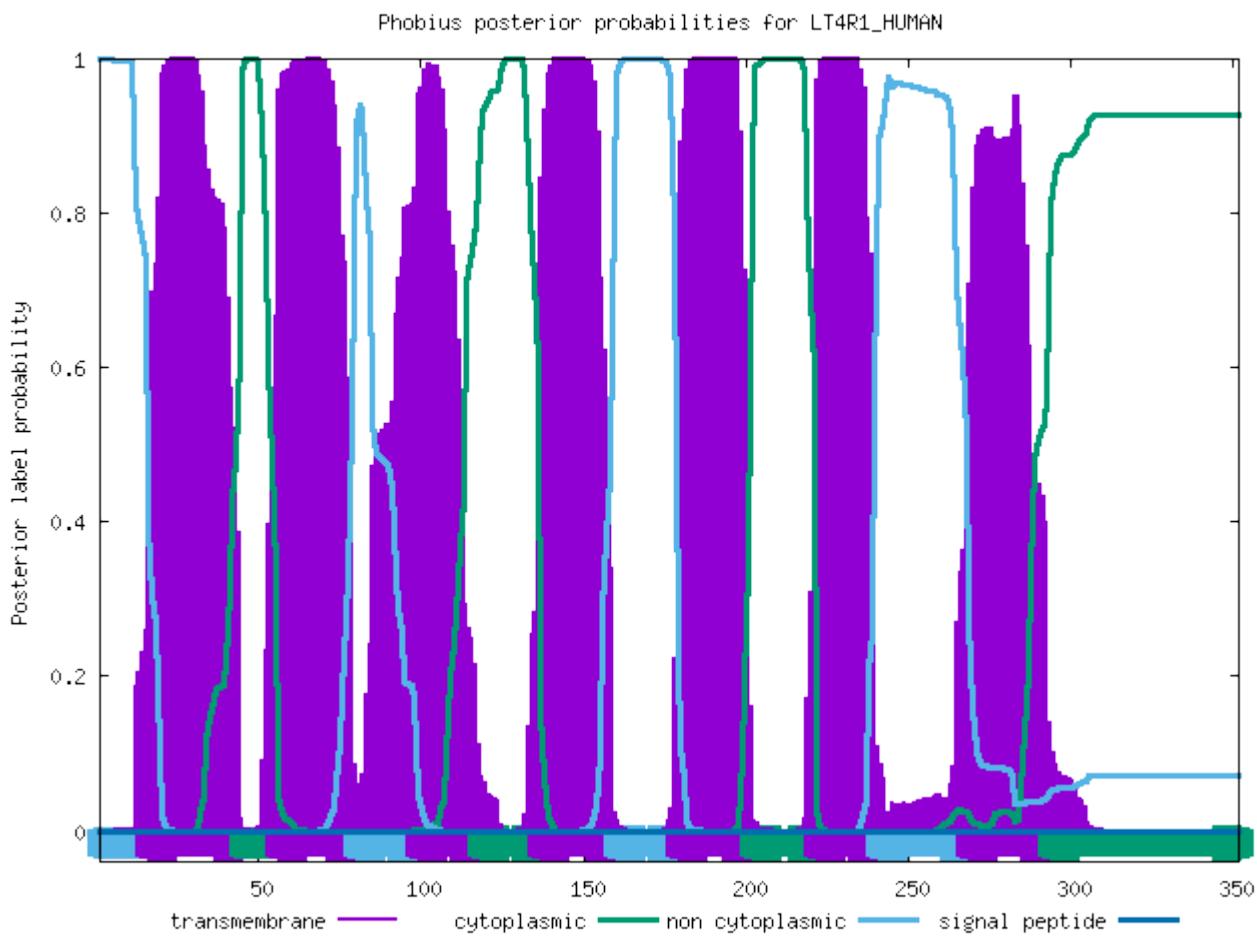
| ID | P2RY1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 55 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 77 | |
| FT | TOPO_DOM | 78 | 88 | CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 109 | |
| FT | TOPO_DOM | 110 | 128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 147 | |
| FT | TOPO_DOM | 148 | 167 | CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 189 | |
| FT | TOPO_DOM | 190 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 246 | |
| FT | TOPO_DOM | 247 | 257 | CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 276 | |
| FT | TOPO_DOM | 277 | 373 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LT4R1_HUMAN

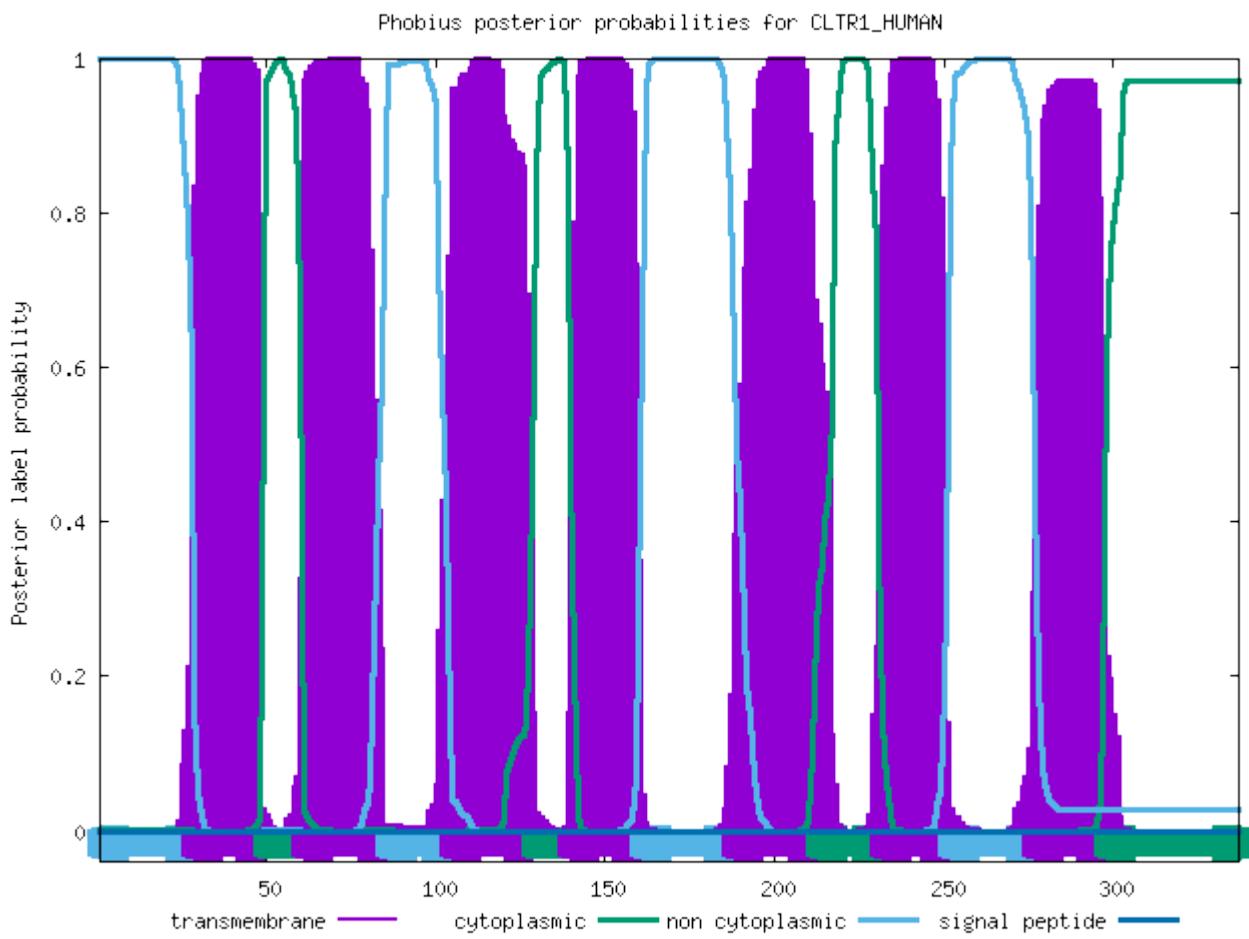
| ID | LT4R1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 15 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 16 | 44 | |
| FT | TOPO_DOM | 45 | 55 | CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 79 | |
| FT | TOPO_DOM | 80 | 98 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 117 | |
| FT | TOPO_DOM | 118 | 136 | CYTOPLASMIC. |
| FT | TRANSMEM | 137 | 159 | |
| FT | TOPO_DOM | 160 | 178 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 179 | 201 | |
| FT | TOPO_DOM | 202 | 221 | CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 240 | |
| FT | TOPO_DOM | 241 | 268 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 293 | |
| FT | TOPO_DOM | 294 | 352 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLTR1_HUMAN

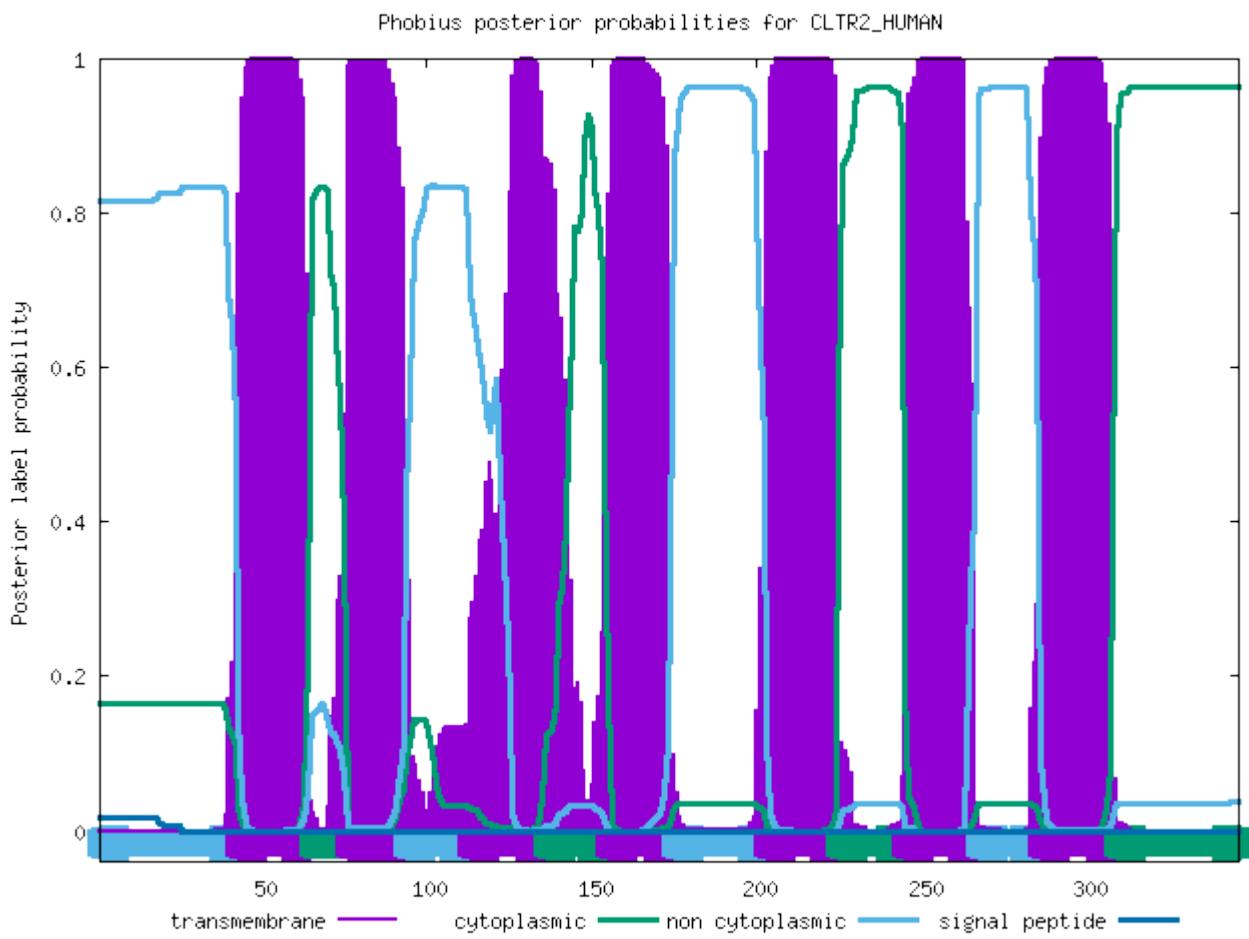
| ID | CLTR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 49 | |
| FT | TOPO_DOM | 50 | 60 | CYTOPLASMIC. |
| FT | TRANSMEM | 61 | 85 | |
| FT | TOPO_DOM | 86 | 104 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 128 | |
| FT | TOPO_DOM | 129 | 139 | CYTOPLASMIC. |
| FT | TRANSMEM | 140 | 160 | |
| FT | TOPO_DOM | 161 | 187 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 212 | |
| FT | TOPO_DOM | 213 | 231 | CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 251 | |
| FT | TOPO_DOM | 252 | 276 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 277 | 297 | |
| FT | TOPO_DOM | 298 | 337 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLTR2_HUMAN

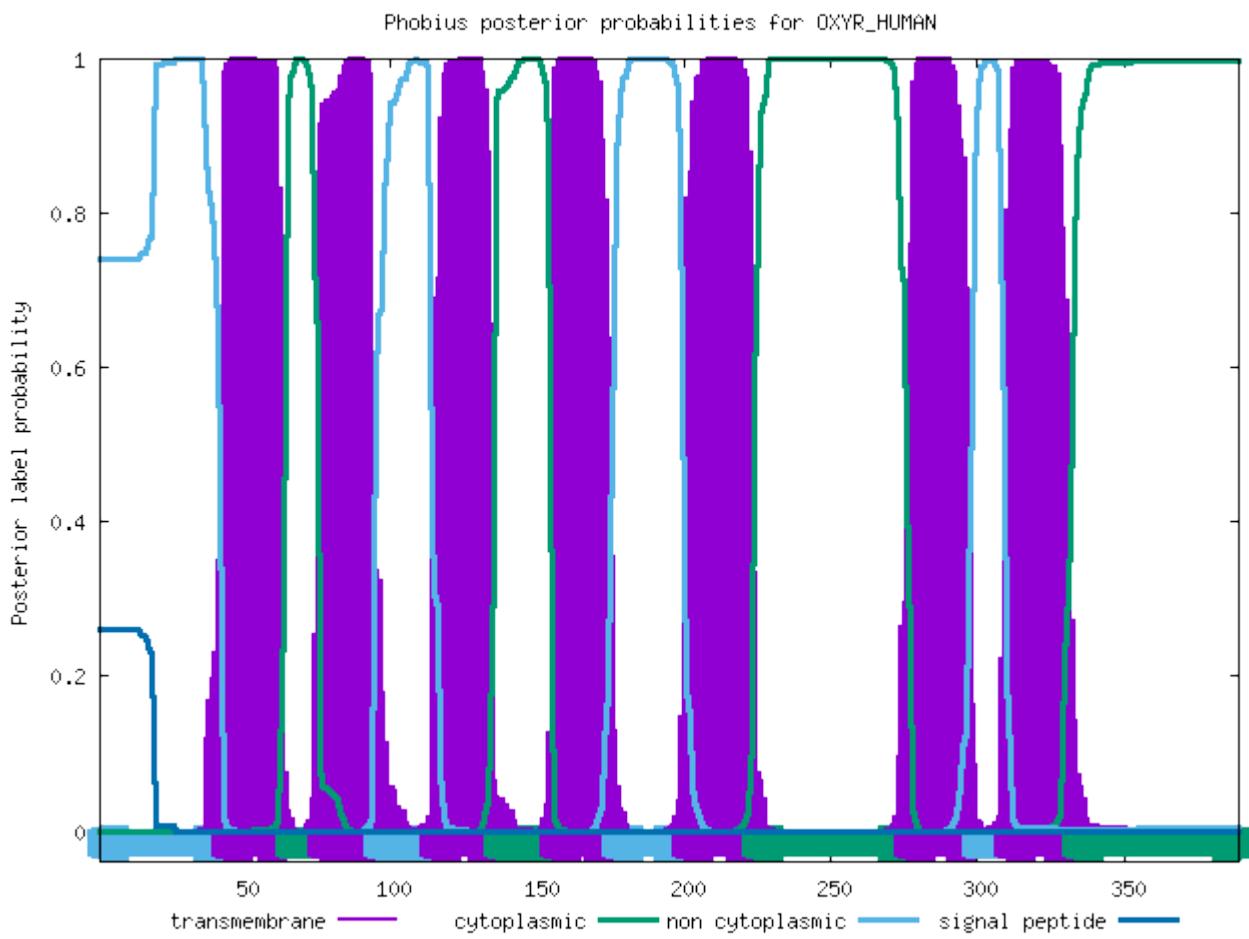
| ID | CLTR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 93 | |
| FT | TOPO_DOM | 94 | 112 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 135 | |
| FT | TOPO_DOM | 136 | 154 | CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 174 | |
| FT | TOPO_DOM | 175 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 224 | |
| FT | TOPO_DOM | 225 | 244 | CYTOPLASMIC. |
| FT | TRANSMEM | 245 | 266 | |
| FT | TOPO_DOM | 267 | 285 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 308 | |
| FT | TOPO_DOM | 309 | 346 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OXYR_HUMAN

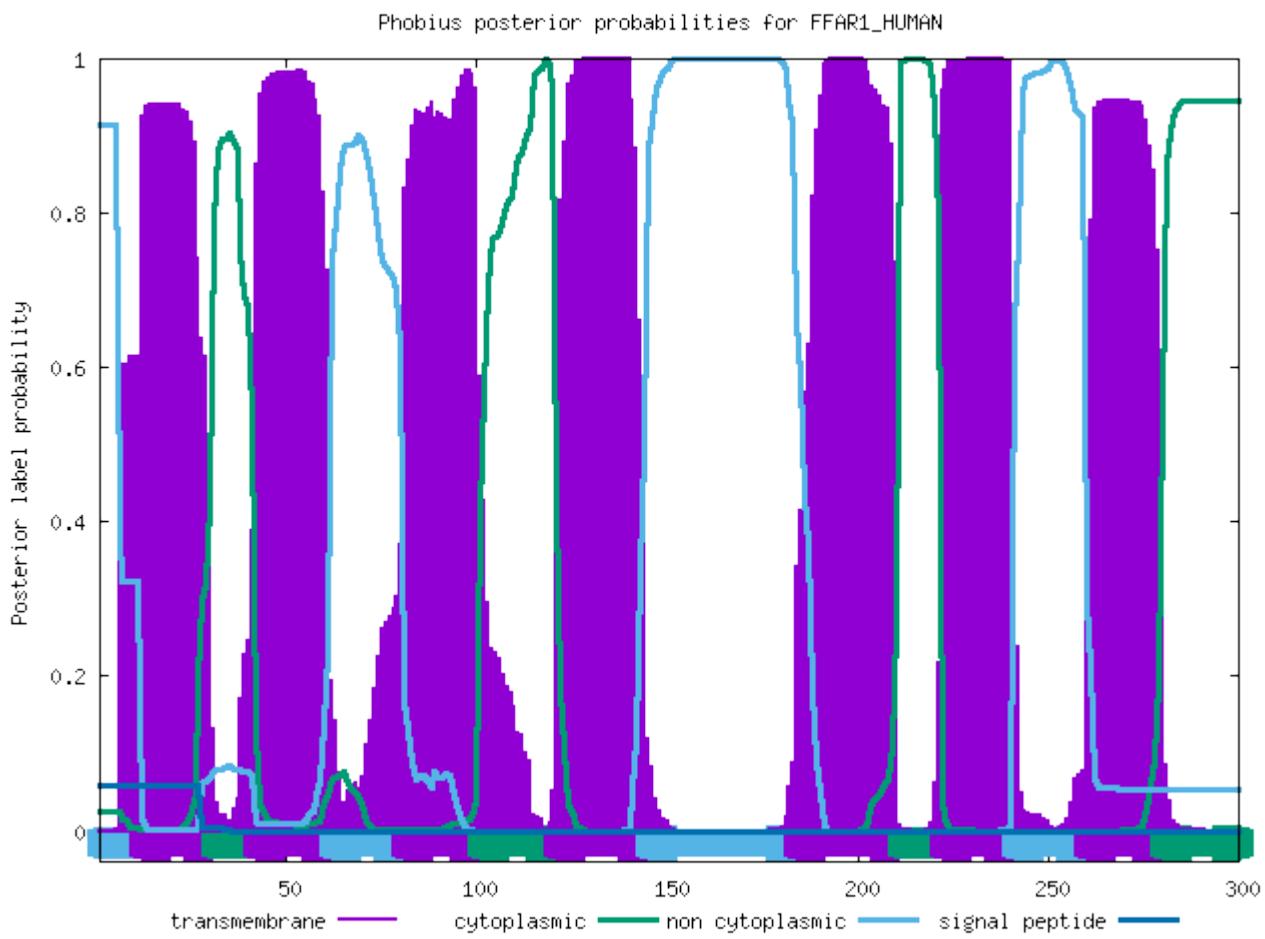
| ID | OXYR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 94 | |
| FT | TOPO_DOM | 95 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 135 | |
| FT | TOPO_DOM | 136 | 154 | CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 175 | |
| FT | TOPO_DOM | 176 | 199 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 223 | |
| FT | TOPO_DOM | 224 | 275 | CYTOPLASMIC. |
| FT | TRANSMEM | 276 | 298 | |
| FT | TOPO_DOM | 299 | 309 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 332 | |
| FT | TOPO_DOM | 333 | 389 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FFAR1_HUMAN

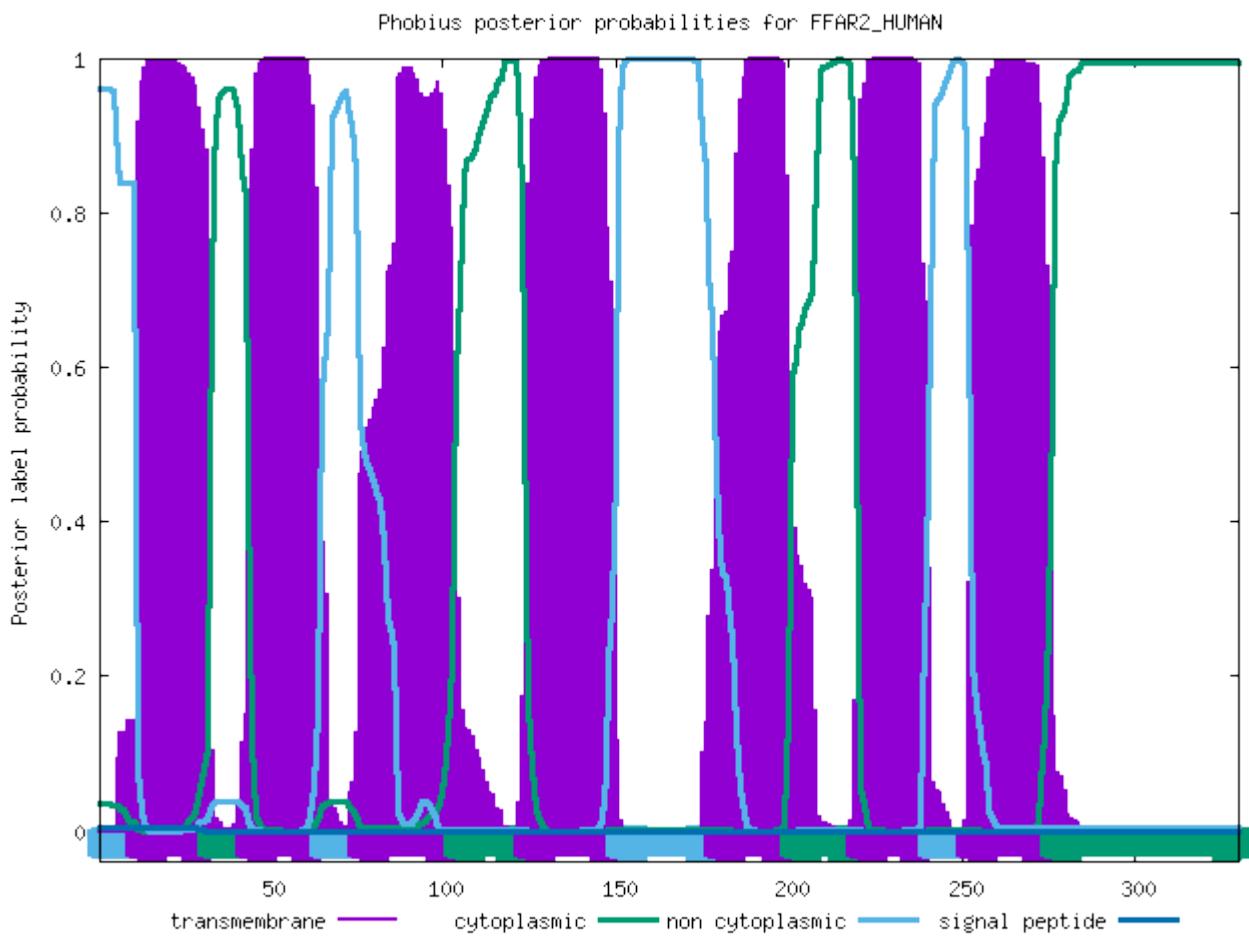
| ID | FFAR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 30 | |
| FT | TOPO_DOM | 31 | 41 | CYTOPLASMIC. |
| FT | TRANSMEM | 42 | 61 | |
| FT | TOPO_DOM | 62 | 80 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 100 | |
| FT | TOPO_DOM | 101 | 120 | CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 144 | |
| FT | TOPO_DOM | 145 | 183 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 184 | 210 | |
| FT | TOPO_DOM | 211 | 221 | CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 240 | |
| FT | TOPO_DOM | 241 | 259 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 279 | |
| FT | TOPO_DOM | 280 | 300 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FFAR2_HUMAN

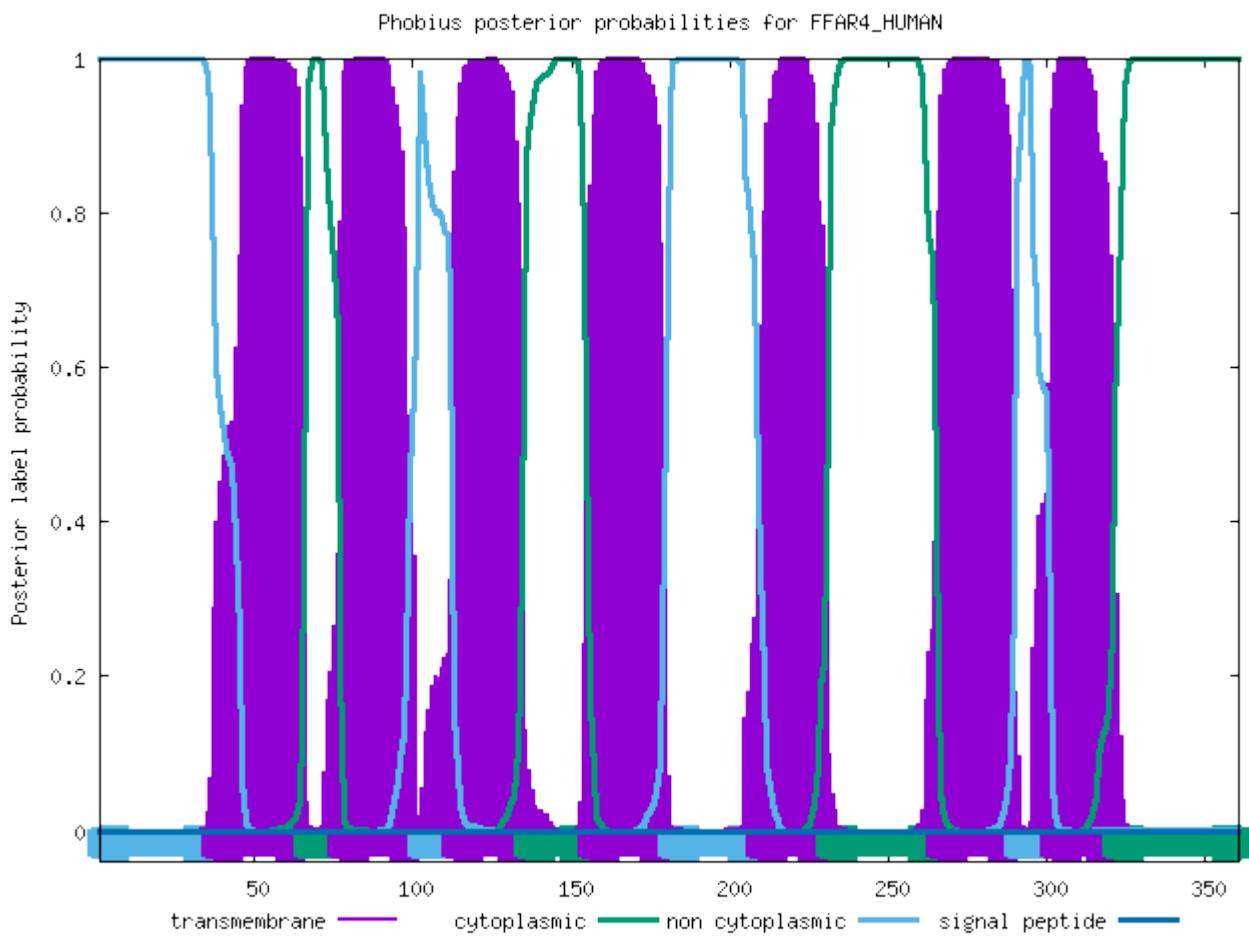
| ID | FFAR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 32 | |
| FT | TOPO_DOM | 33 | 43 | CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 64 | |
| FT | TOPO_DOM | 65 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 103 | |
| FT | TOPO_DOM | 104 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 150 | |
| FT | TOPO_DOM | 151 | 178 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 179 | 200 | |
| FT | TOPO_DOM | 201 | 219 | CYTOPLASMIC. |
| FT | TRANSMEM | 220 | 240 | |
| FT | TOPO_DOM | 241 | 251 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 252 | 275 | |
| FT | TOPO_DOM | 276 | 330 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FFAR4_HUMAN

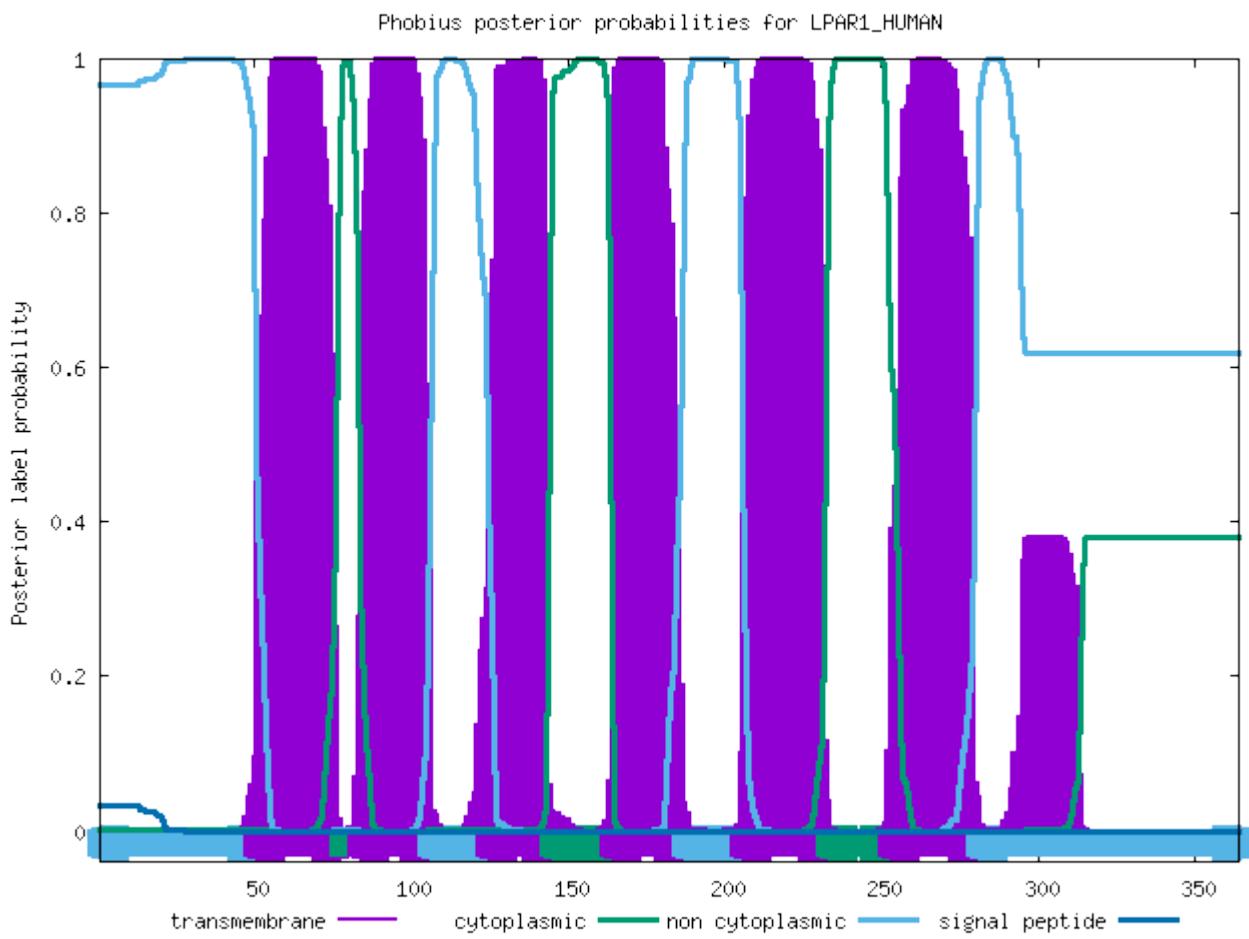
| ID | FFAR4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 36 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 37 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 101 | |
| FT | TOPO_DOM | 102 | 112 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 135 | |
| FT | TOPO_DOM | 136 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 180 | |
| FT | TOPO_DOM | 181 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 230 | |
| FT | TOPO_DOM | 231 | 265 | CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 290 | |
| FT | TOPO_DOM | 291 | 301 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 321 | |
| FT | TOPO_DOM | 322 | 361 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LPAR1_HUMAN

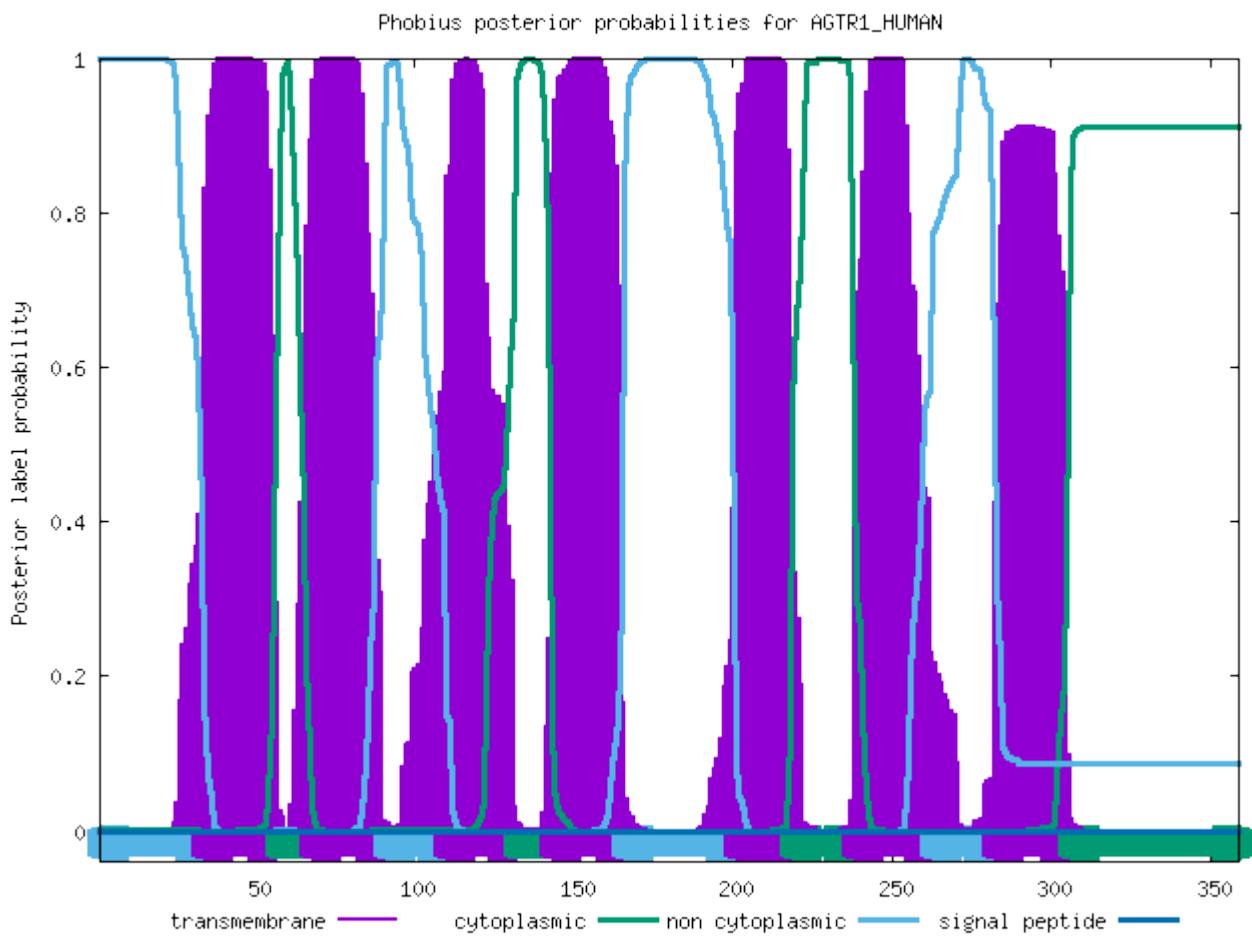
| ID | LPAR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 50 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 51 | 77 | |
| FT | TOPO_DOM | 78 | 83 | CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 105 | |
| FT | TOPO_DOM | 106 | 124 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 125 | 144 | |
| FT | TOPO_DOM | 145 | 163 | CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 186 | |
| FT | TOPO_DOM | 187 | 205 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 206 | 232 | |
| FT | TOPO_DOM | 233 | 252 | CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 280 | |
| FT | TOPO_DOM | 281 | 364 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGTR1_HUMAN

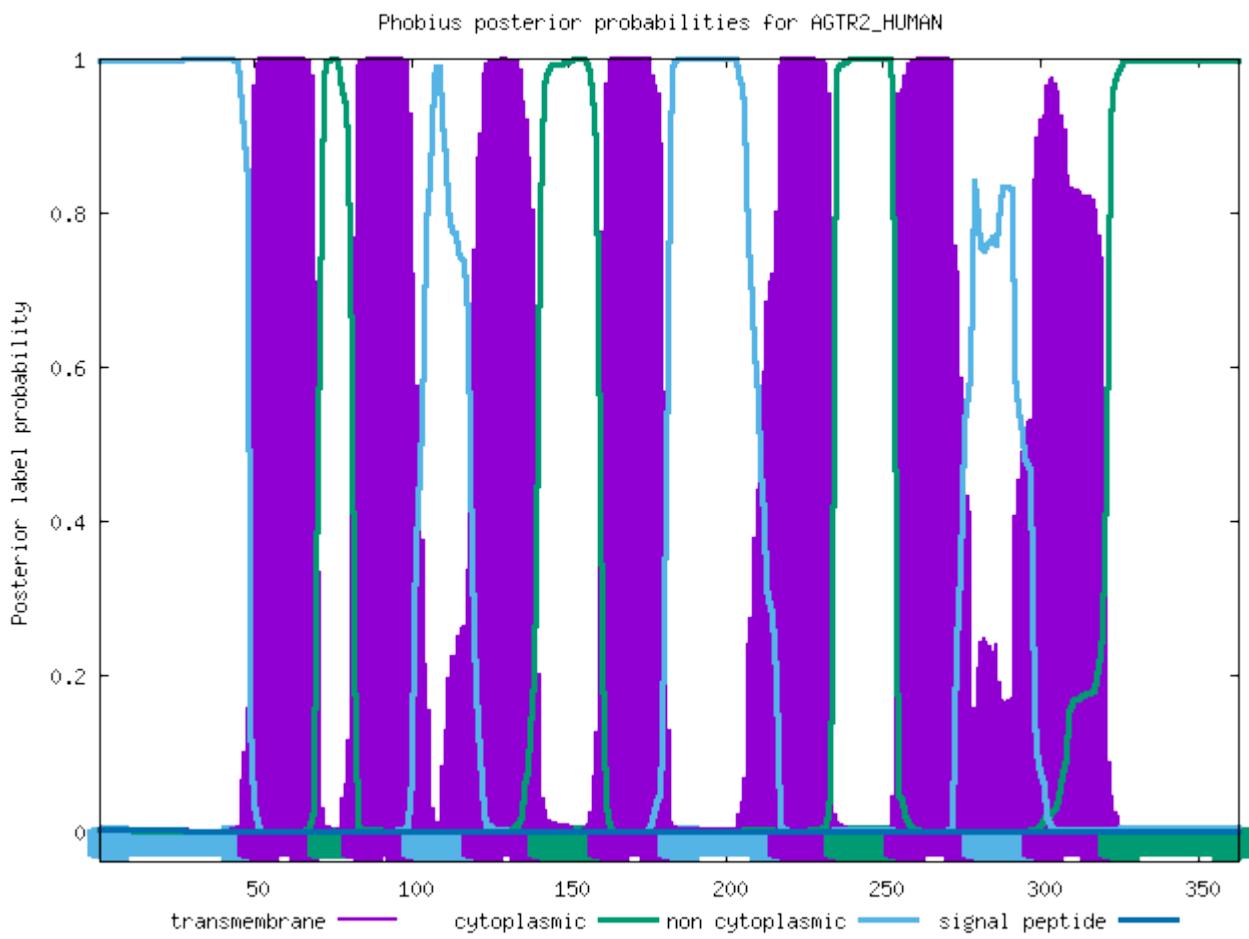
| ID | AGTR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 33 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 34 | 56 | |
| FT | TOPO_DOM | 57 | 67 | CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 90 | |
| FT | TOPO_DOM | 91 | 109 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 131 | |
| FT | TOPO_DOM | 132 | 142 | CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 165 | |
| FT | TOPO_DOM | 166 | 200 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 201 | 218 | |
| FT | TOPO_DOM | 219 | 237 | CYTOPLASMIC. |
| FT | TRANSMEM | 238 | 262 | |
| FT | TOPO_DOM | 263 | 281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 305 | |
| FT | TOPO_DOM | 306 | 359 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGTR2_HUMAN

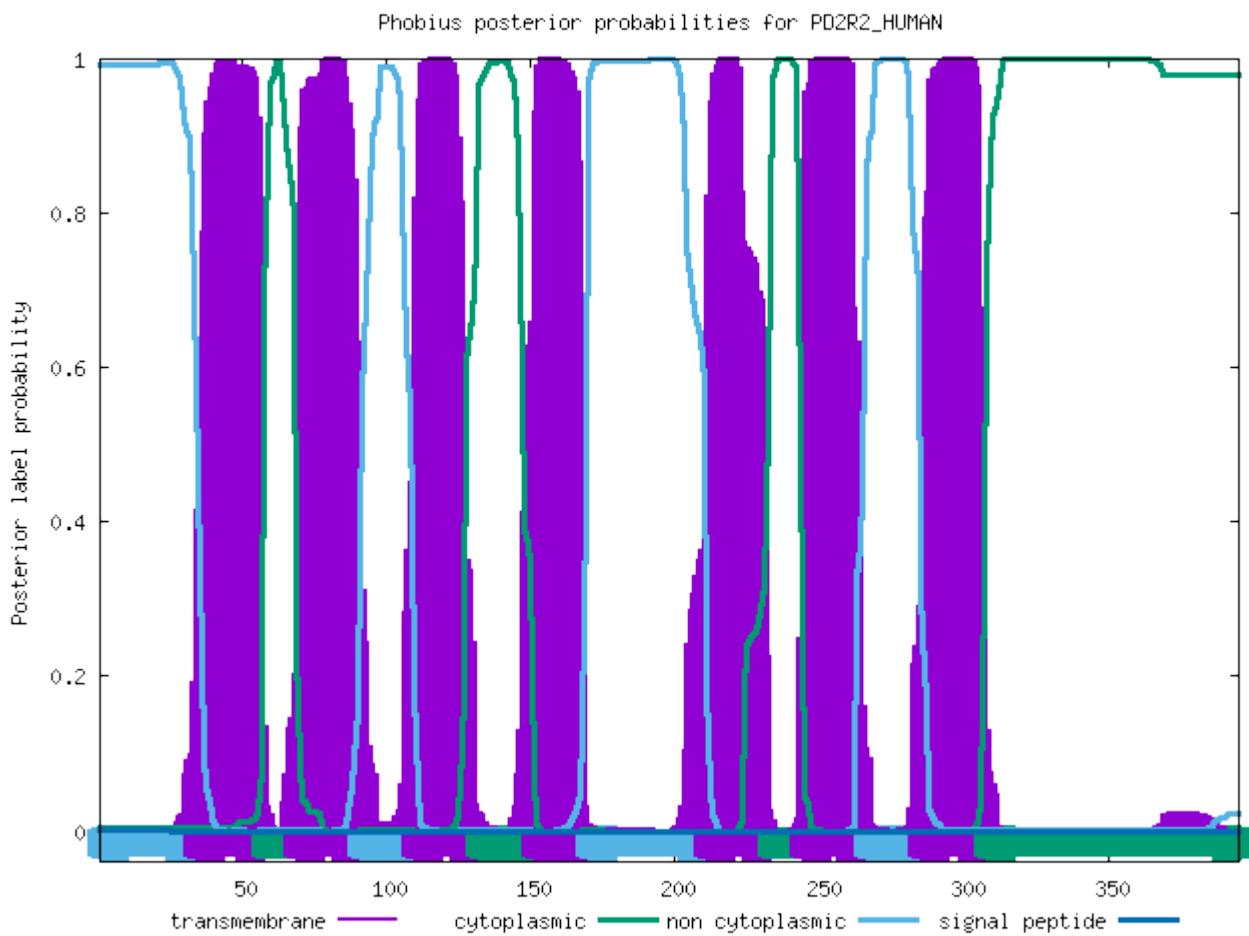
| ID | AGTR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 70 | |
| FT | TOPO_DOM | 71 | 81 | CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 100 | |
| FT | TOPO_DOM | 101 | 119 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 120 | 140 | |
| FT | TOPO_DOM | 141 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 181 | |
| FT | TOPO_DOM | 182 | 216 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 234 | |
| FT | TOPO_DOM | 235 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 278 | |
| FT | TOPO_DOM | 279 | 297 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 321 | |
| FT | TOPO_DOM | 322 | 363 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PD2R2_HUMAN

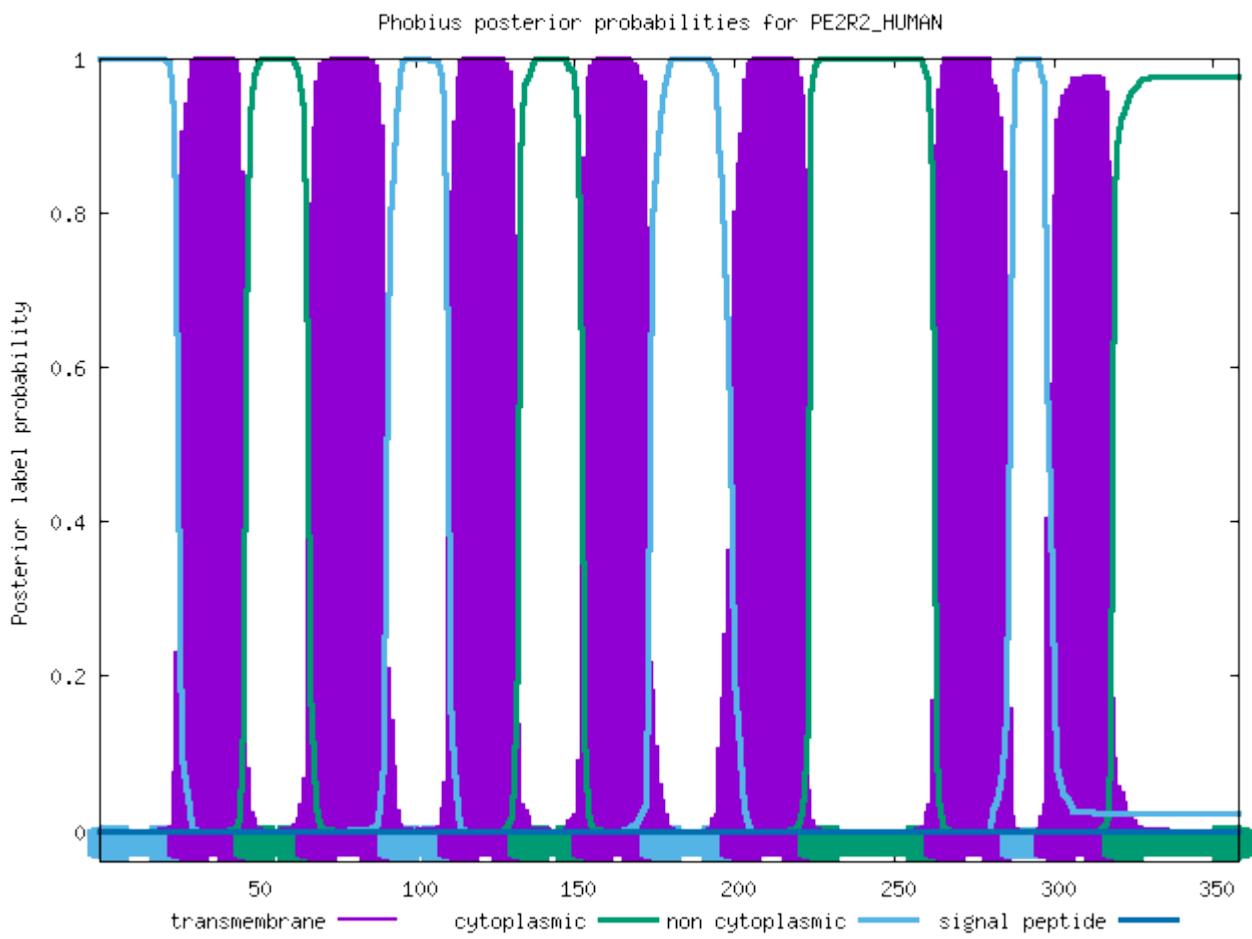
| ID | PD2R2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 33 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 34 | 57 | |
| FT | TOPO_DOM | 58 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 90 | |
| FT | TOPO_DOM | 91 | 109 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 131 | |
| FT | TOPO_DOM | 132 | 150 | CYTOPLASMIC. |
| FT | TRANSMEM | 151 | 169 | |
| FT | TOPO_DOM | 170 | 210 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 232 | |
| FT | TOPO_DOM | 233 | 243 | CYTOPLASMIC. |
| FT | TRANSMEM | 244 | 265 | |
| FT | TOPO_DOM | 266 | 284 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 307 | |
| FT | TOPO_DOM | 308 | 395 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PE2R2_HUMAN

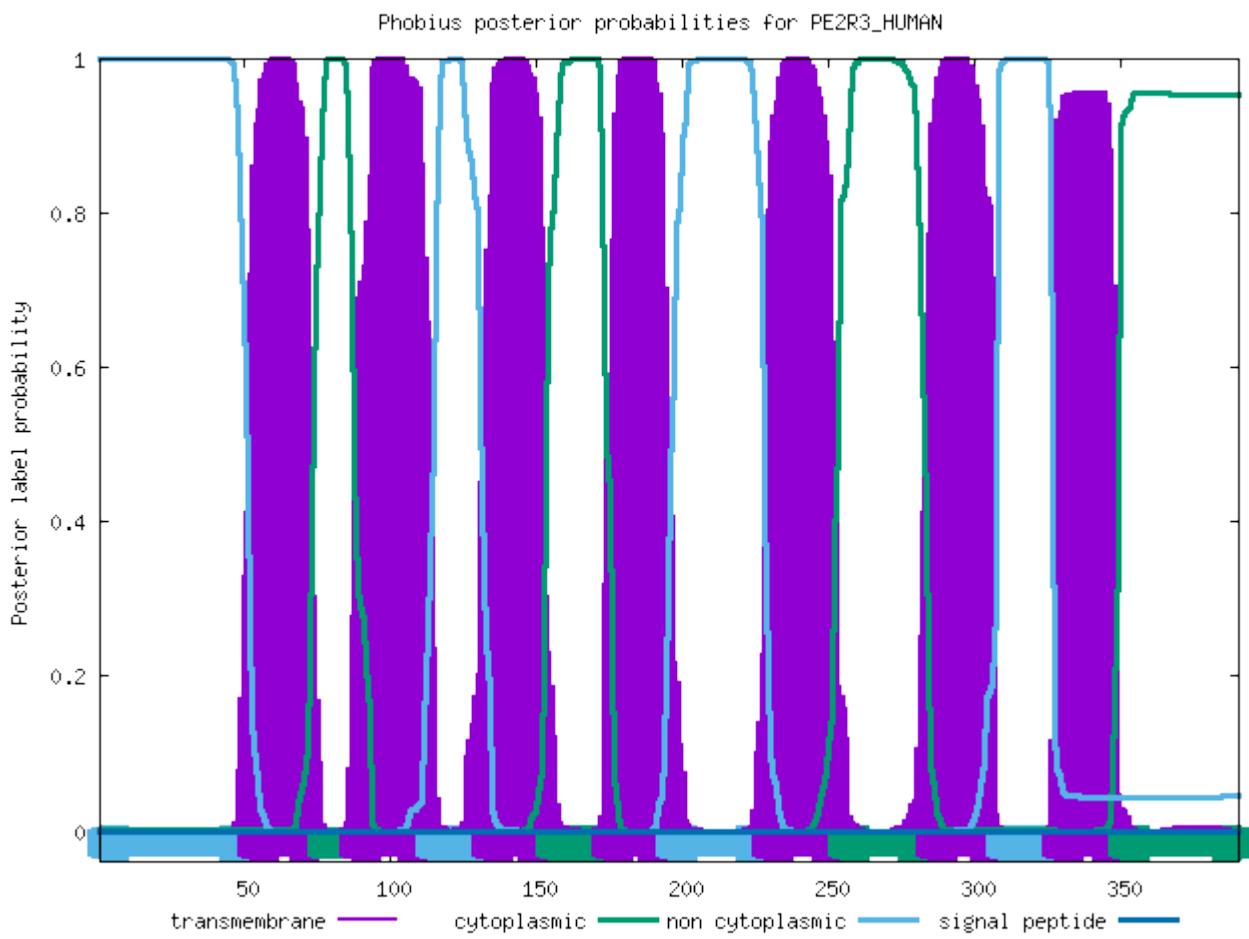
| ID | PE2R2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 46 | |
| FT | TOPO_DOM | 47 | 65 | CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 91 | |
| FT | TOPO_DOM | 92 | 110 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 132 | |
| FT | TOPO_DOM | 133 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 173 | |
| FT | TOPO_DOM | 174 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 223 | |
| FT | TOPO_DOM | 224 | 262 | CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 286 | |
| FT | TOPO_DOM | 287 | 297 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 318 | |
| FT | TOPO_DOM | 319 | 358 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PE2R3_HUMAN

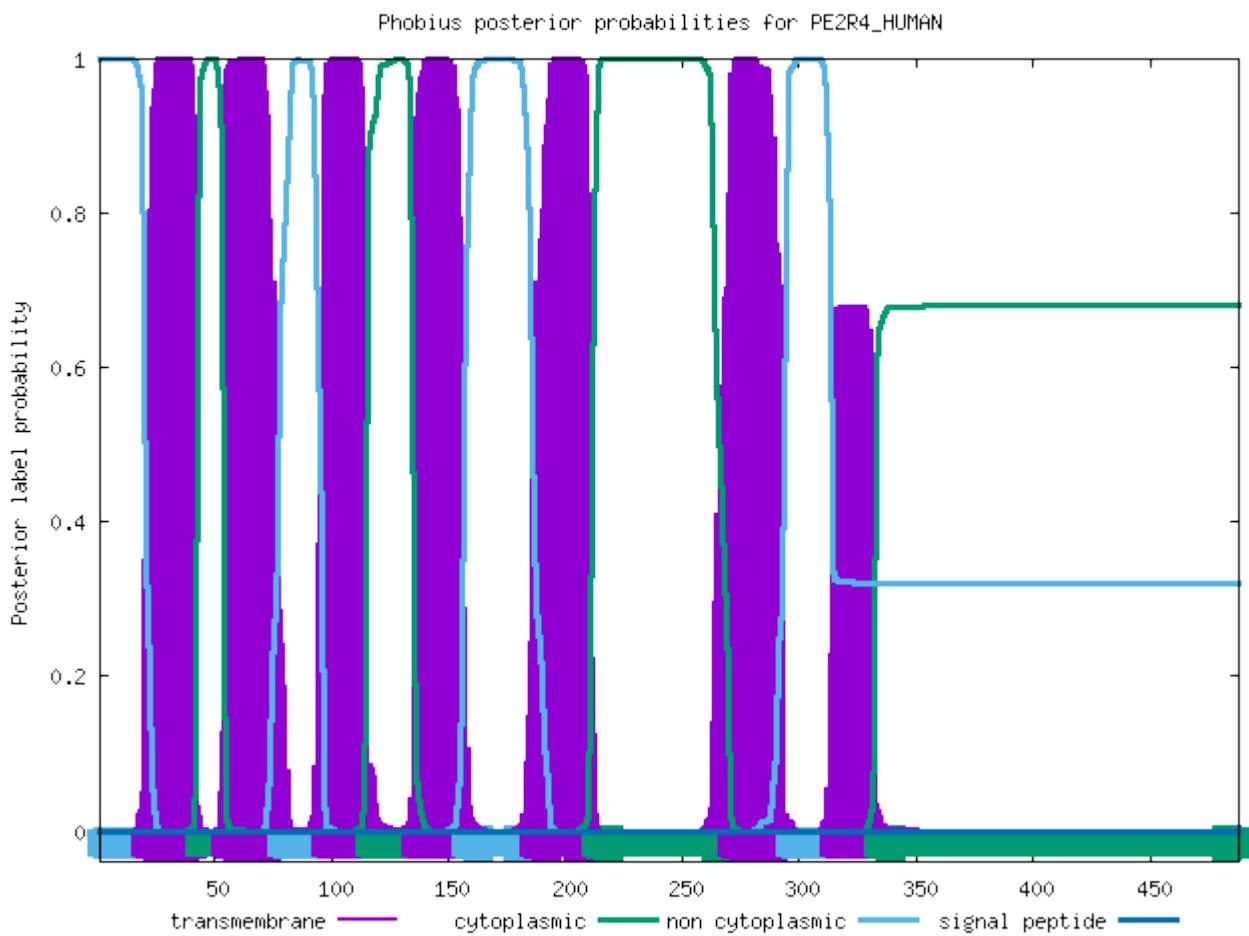
| ID | PE2R3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 51 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 52 | 75 | |
| FT | TOPO_DOM | 76 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 112 | |
| FT | TOPO_DOM | 113 | 131 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 132 | 153 | |
| FT | TOPO_DOM | 154 | 172 | CYTOPLASMIC. |
| FT | TRANSMEM | 173 | 194 | |
| FT | TOPO_DOM | 195 | 227 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 253 | |
| FT | TOPO_DOM | 254 | 283 | CYTOPLASMIC. |
| FT | TRANSMEM | 284 | 307 | |
| FT | TOPO_DOM | 308 | 326 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 349 | |
| FT | TOPO_DOM | 350 | 390 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PE2R4_HUMAN

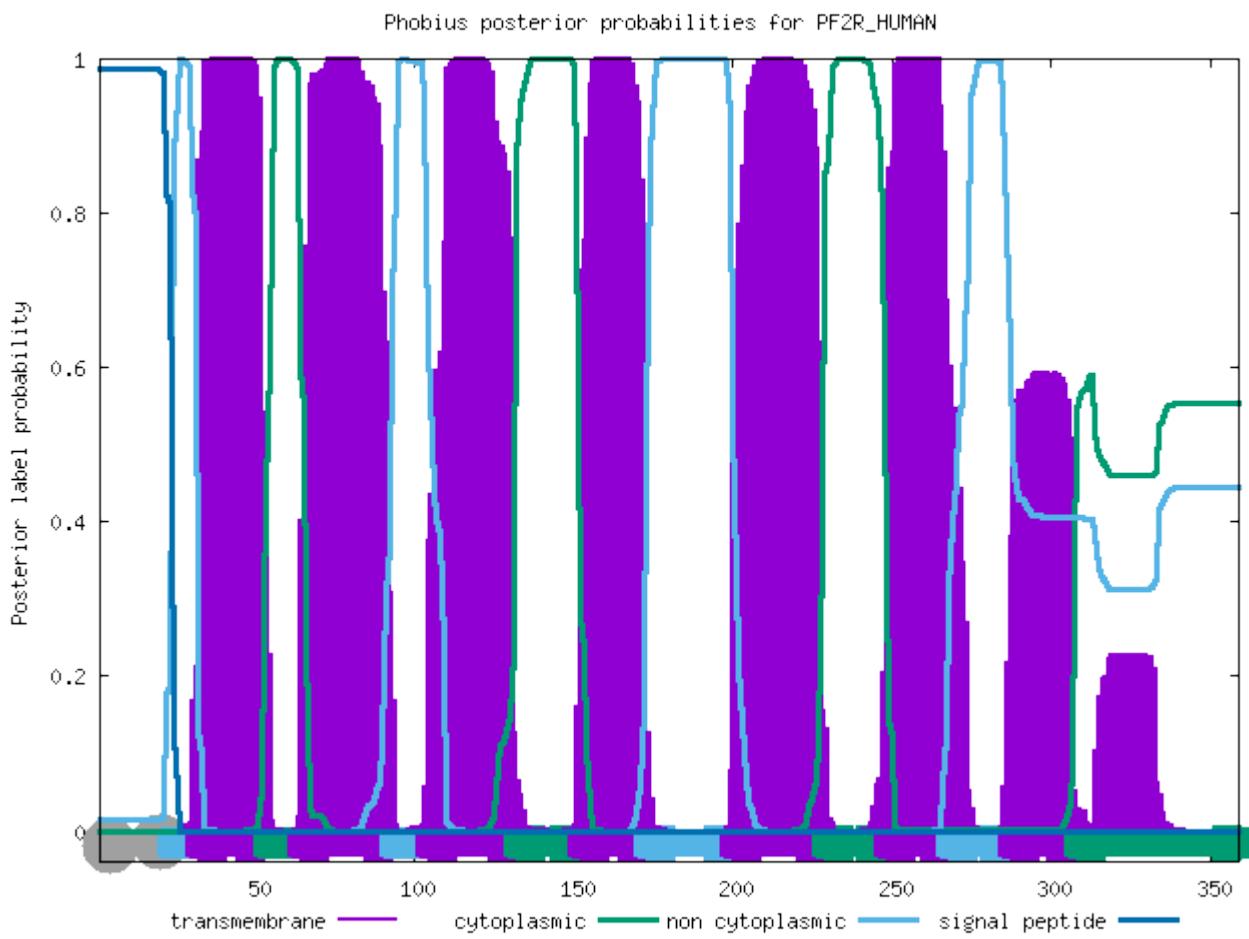
| ID | PE2R4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 42 | |
| FT | TOPO_DOM | 43 | 53 | CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 77 | |
| FT | TOPO_DOM | 78 | 96 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 115 | |
| FT | TOPO_DOM | 116 | 134 | CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 156 | |
| FT | TOPO_DOM | 157 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 211 | |
| FT | TOPO_DOM | 212 | 270 | CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 294 | |
| FT | TOPO_DOM | 295 | 313 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 314 | 332 | |
| FT | TOPO_DOM | 333 | 488 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PF2R_HUMAN

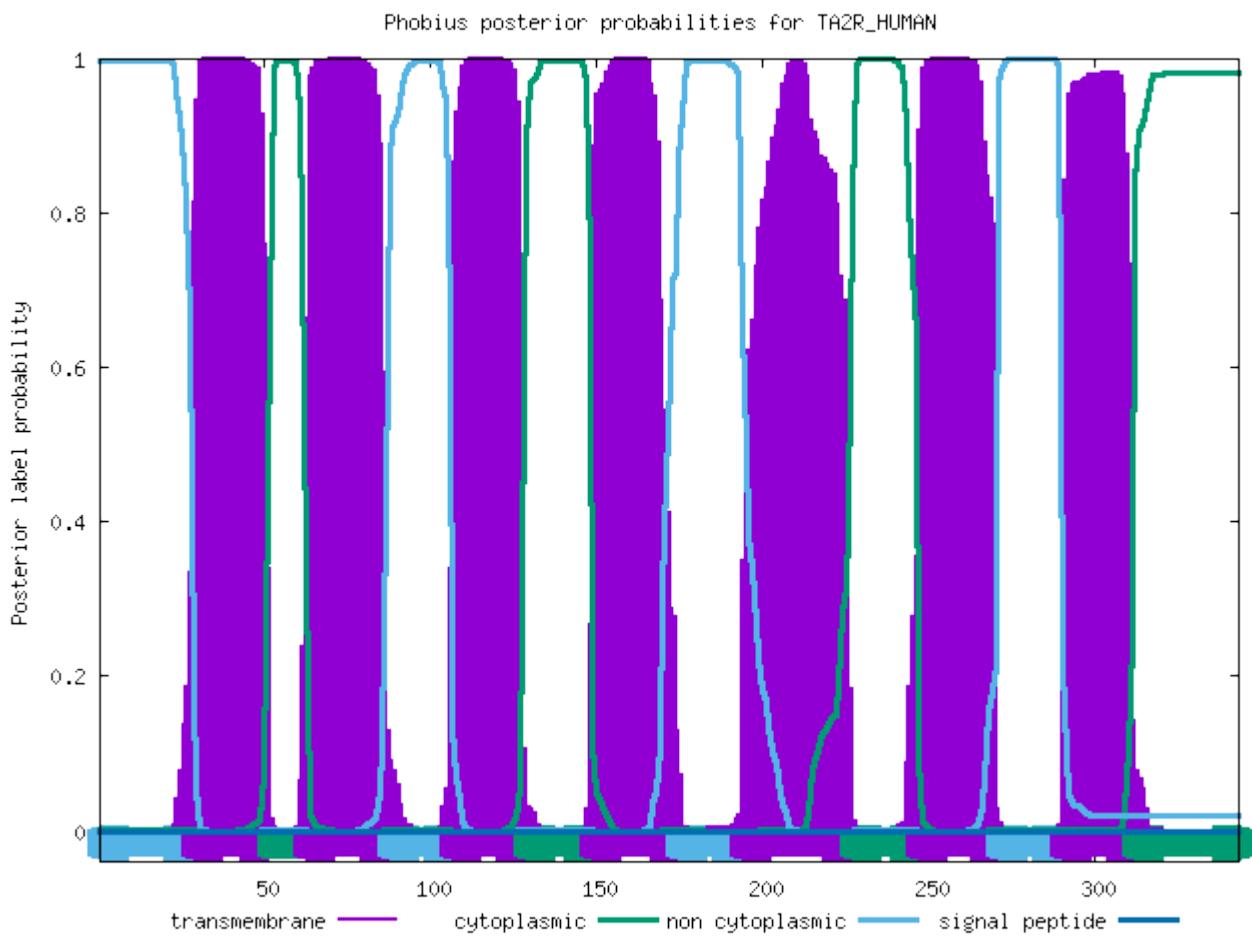
| ID | PF2R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 31 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 32 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 92 | |
| FT | TOPO_DOM | 93 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 131 | |
| FT | TOPO_DOM | 132 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 172 | |
| FT | TOPO_DOM | 173 | 199 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 228 | |
| FT | TOPO_DOM | 229 | 247 | CYTOPLASMIC. |
| FT | TRANSMEM | 248 | 267 | |
| FT | TOPO_DOM | 268 | 286 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 287 | 307 | |
| FT | TOPO_DOM | 308 | 359 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TA2R_HUMAN

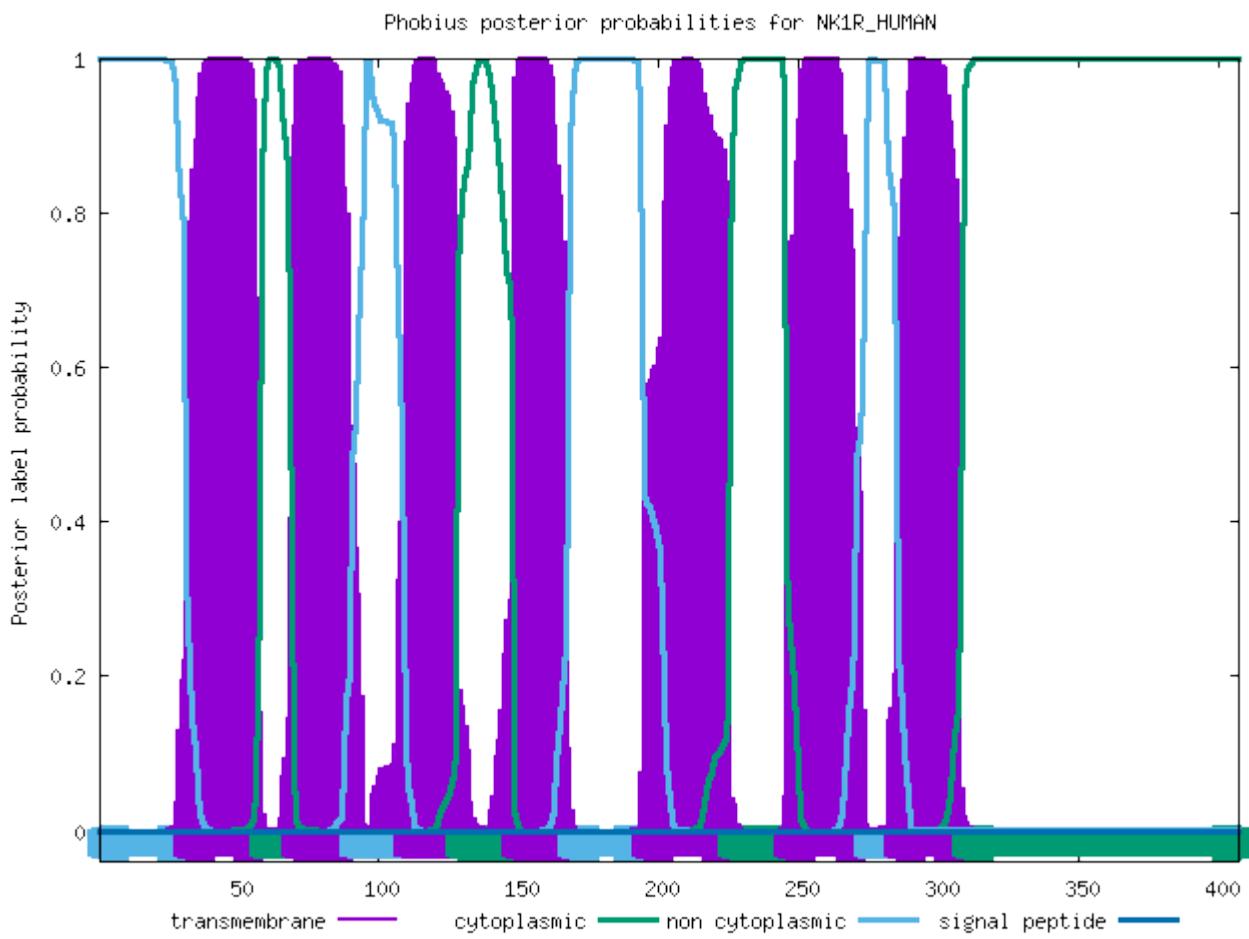
| ID | TA2R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 51 | |
| FT | TOPO_DOM | 52 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 87 | |
| FT | TOPO_DOM | 88 | 106 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 128 | |
| FT | TOPO_DOM | 129 | 148 | CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 174 | |
| FT | TOPO_DOM | 175 | 193 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 226 | |
| FT | TOPO_DOM | 227 | 246 | CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 270 | |
| FT | TOPO_DOM | 271 | 289 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 290 | 311 | |
| FT | TOPO_DOM | 312 | 343 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NK1R_HUMAN

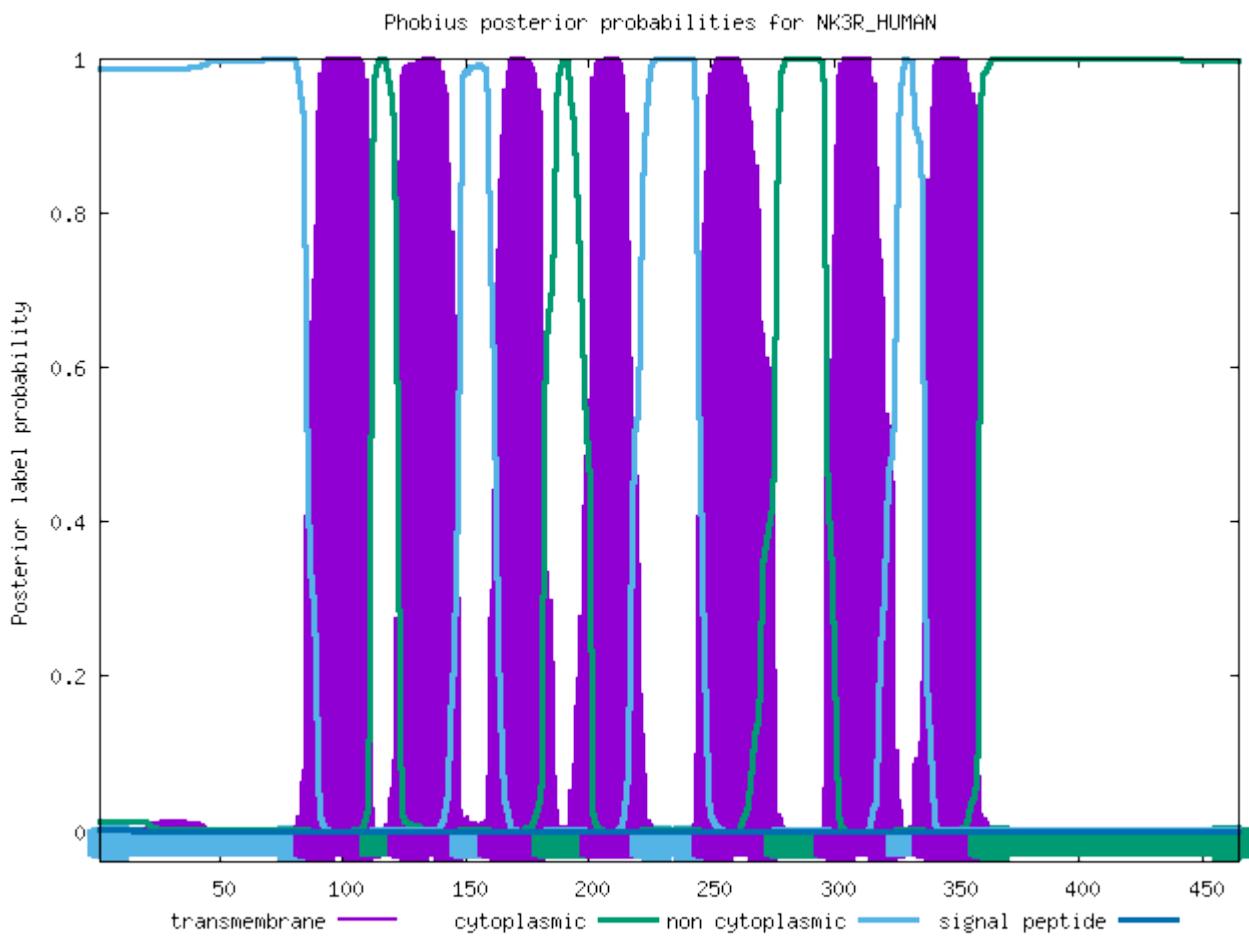
| ID | NK1R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 31 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 32 | 58 | |
| FT | TOPO_DOM | 59 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 90 | |
| FT | TOPO_DOM | 91 | 109 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 128 | |
| FT | TOPO_DOM | 129 | 148 | CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 168 | |
| FT | TOPO_DOM | 169 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 225 | |
| FT | TOPO_DOM | 226 | 245 | CYTOPLASMIC. |
| FT | TRANSMEM | 246 | 273 | |
| FT | TOPO_DOM | 274 | 284 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 308 | |
| FT | TOPO_DOM | 309 | 407 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NK3R_HUMAN

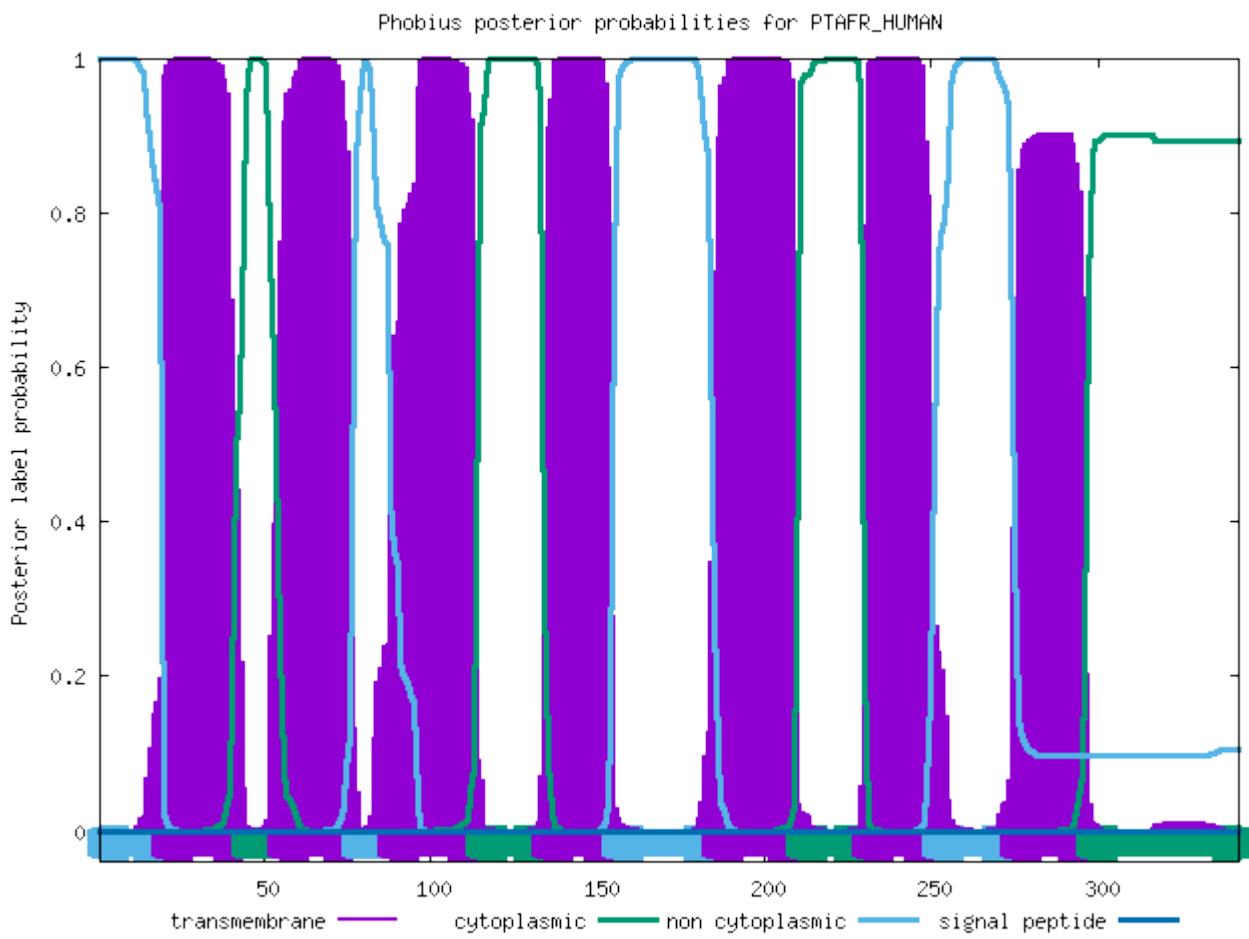
| ID | NK3R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 84 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 85 | 111 | |
| FT | TOPO_DOM | 112 | 122 | CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 148 | |
| FT | TOPO_DOM | 149 | 159 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 181 | |
| FT | TOPO_DOM | 182 | 201 | CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 221 | |
| FT | TOPO_DOM | 222 | 246 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 276 | |
| FT | TOPO_DOM | 277 | 296 | CYTOPLASMIC. |
| FT | TRANSMEM | 297 | 325 | |
| FT | TOPO_DOM | 326 | 336 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 359 | |
| FT | TOPO_DOM | 360 | 465 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PTAFR_HUMAN

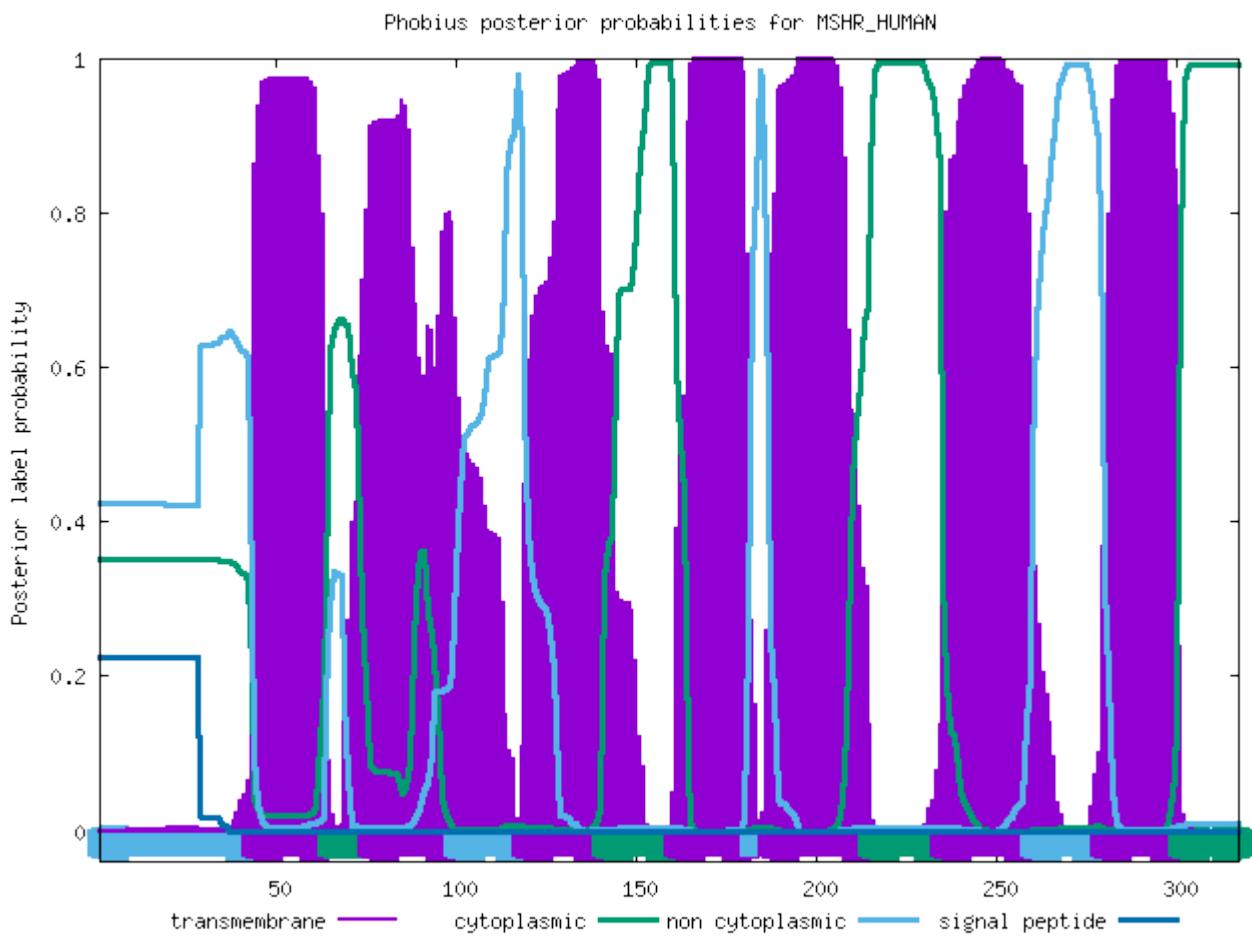
| ID | PTAFR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 43 | |
| FT | TOPO_DOM | 44 | 54 | CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 76 | |
| FT | TOPO_DOM | 77 | 87 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 113 | |
| FT | TOPO_DOM | 114 | 133 | CYTOPLASMIC. |
| FT | TRANSMEM | 134 | 154 | |
| FT | TOPO_DOM | 155 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 209 | |
| FT | TOPO_DOM | 210 | 229 | CYTOPLASMIC. |
| FT | TRANSMEM | 230 | 250 | |
| FT | TOPO_DOM | 251 | 273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 296 | |
| FT | TOPO_DOM | 297 | 342 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MSHR_HUMAN

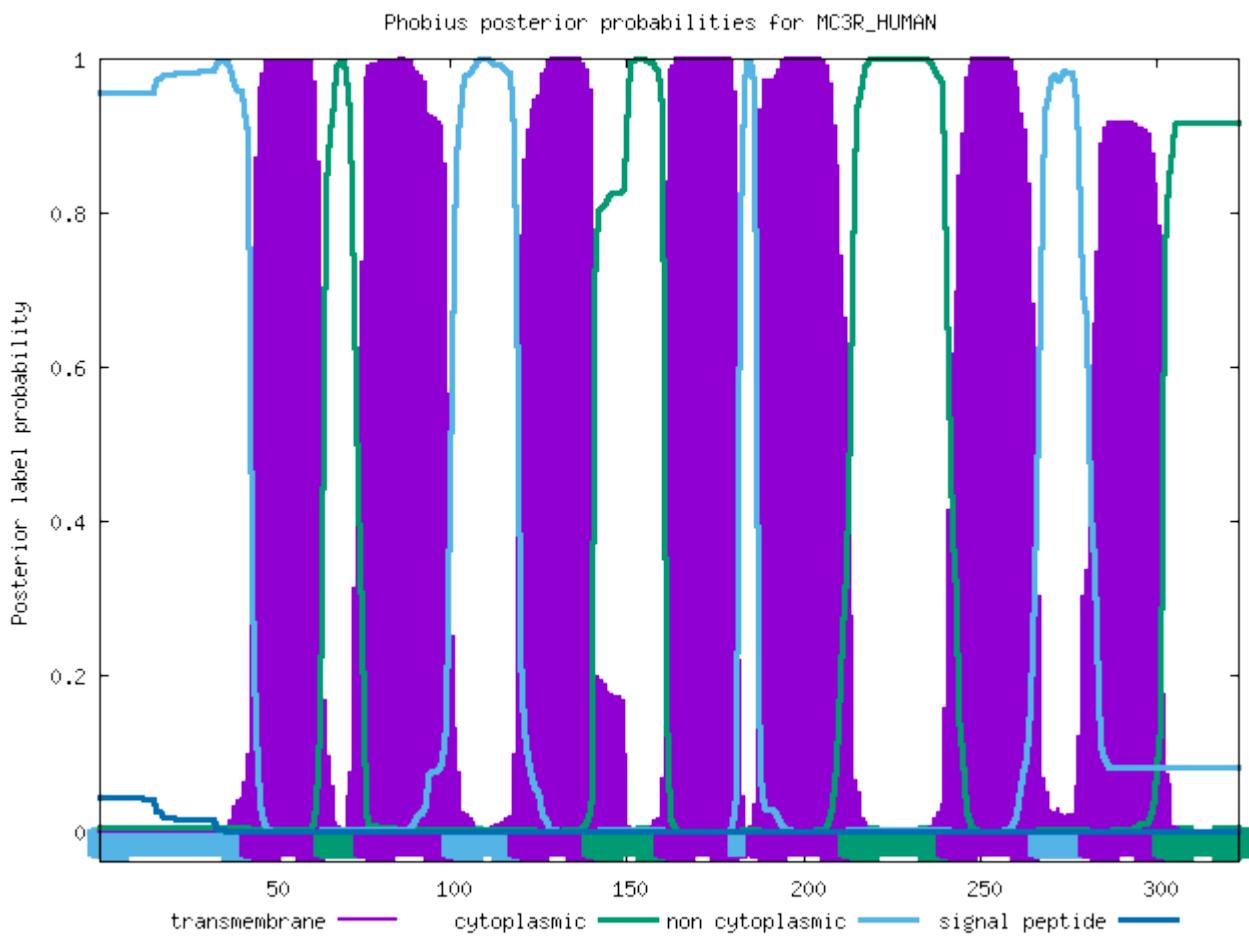
| ID | MSHR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 43 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 99 | |
| FT | TOPO_DOM | 100 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 140 | |
| FT | TOPO_DOM | 141 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 181 | |
| FT | TOPO_DOM | 182 | 186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 214 | |
| FT | TOPO_DOM | 215 | 234 | CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 259 | |
| FT | TOPO_DOM | 260 | 278 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 300 | |
| FT | TOPO_DOM | 301 | 317 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MC3R_HUMAN

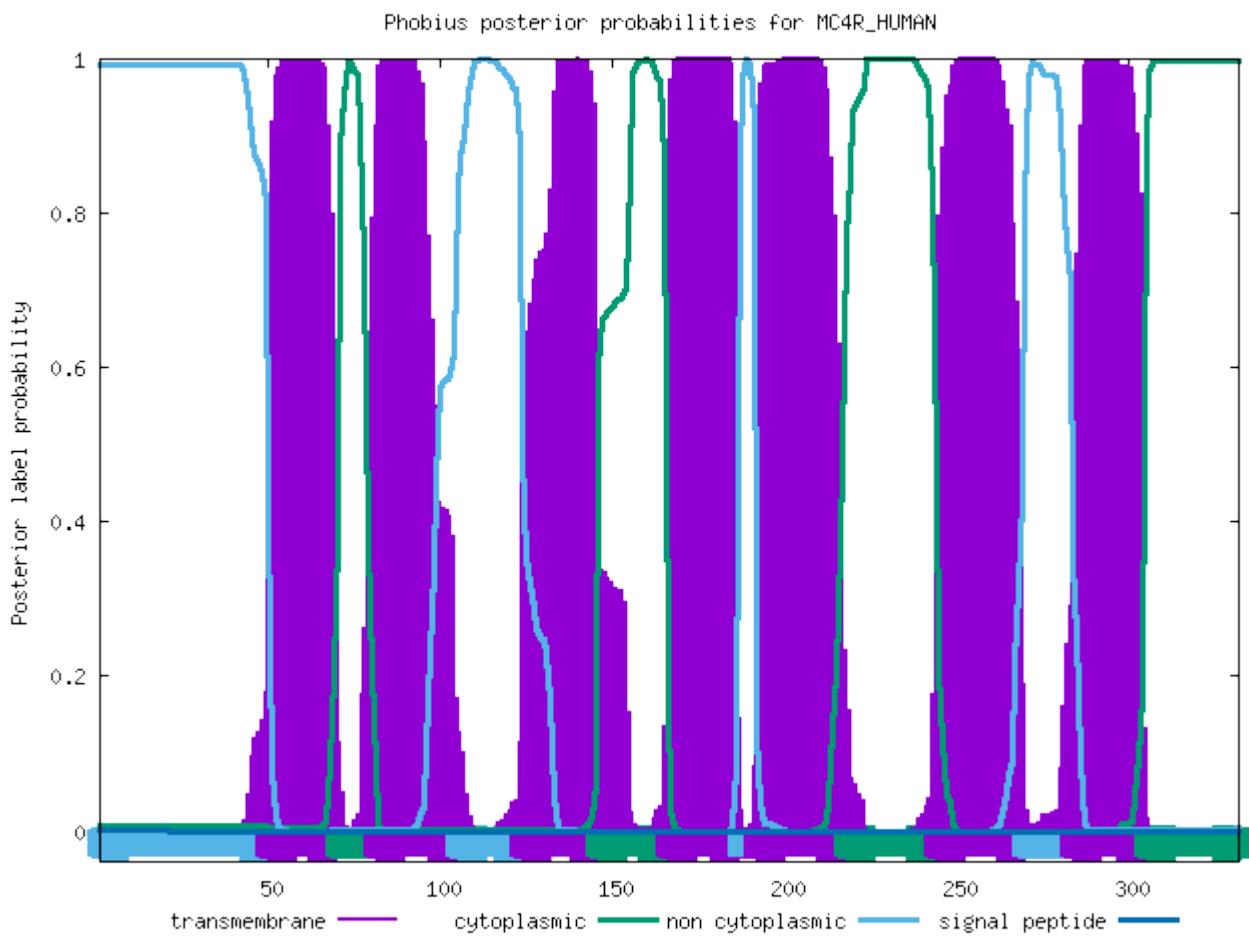
| ID | MC3R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 43 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 64 | |
| FT | TOPO_DOM | 65 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 100 | |
| FT | TOPO_DOM | 101 | 119 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 120 | 140 | |
| FT | TOPO_DOM | 141 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 181 | |
| FT | TOPO_DOM | 182 | 186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 212 | |
| FT | TOPO_DOM | 213 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 266 | |
| FT | TOPO_DOM | 267 | 280 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 301 | |
| FT | TOPO_DOM | 302 | 323 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MC4R_HUMAN

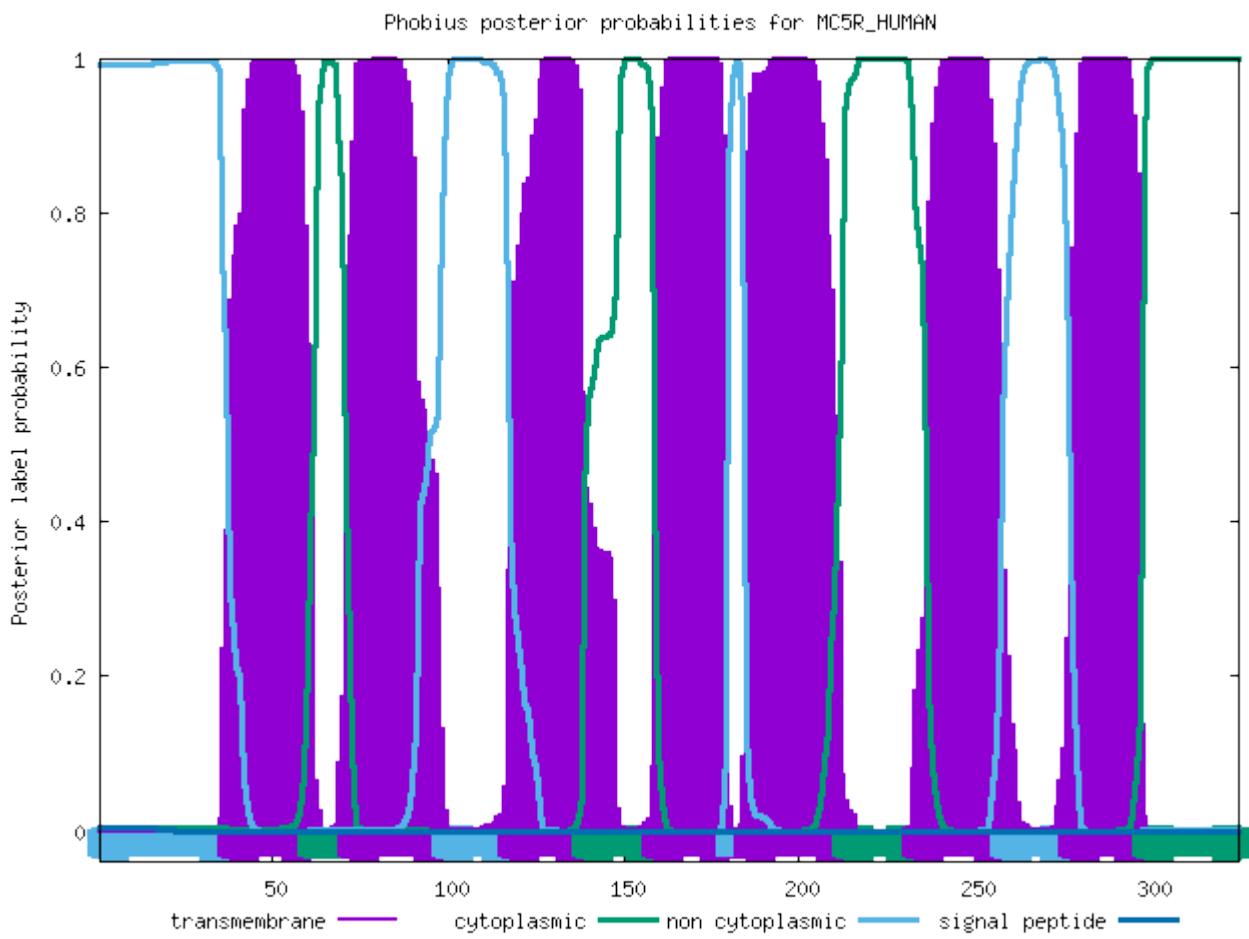
| ID | MC4R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 49 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 69 | |
| FT | TOPO_DOM | 70 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 145 | |
| FT | TOPO_DOM | 146 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 186 | |
| FT | TOPO_DOM | 187 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 217 | |
| FT | TOPO_DOM | 218 | 243 | CYTOPLASMIC. |
| FT | TRANSMEM | 244 | 269 | |
| FT | TOPO_DOM | 270 | 283 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 284 | 304 | |
| FT | TOPO_DOM | 305 | 332 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MC5R_HUMAN

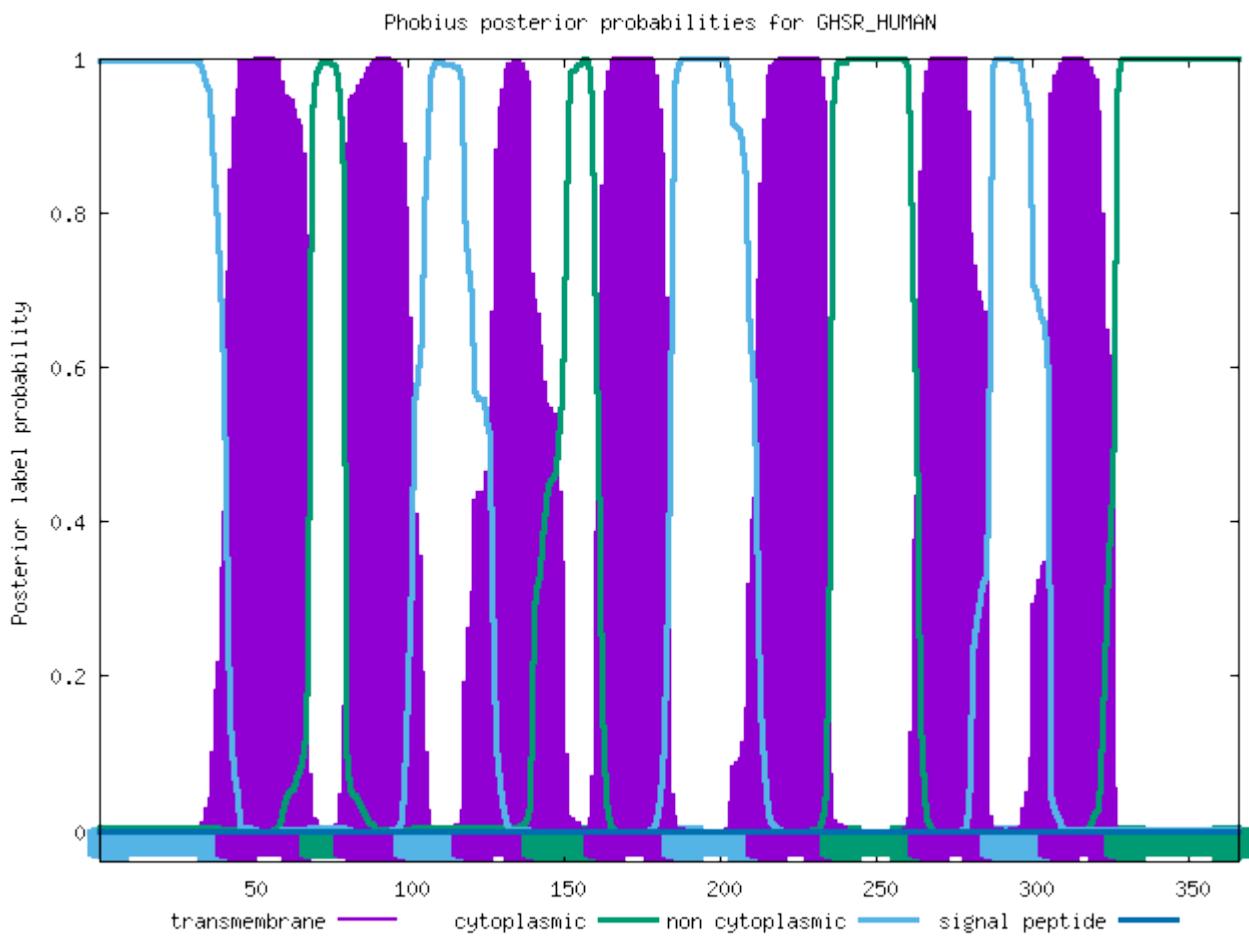
| ID | MC5R_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 60 | |
| FT | TOPO_DOM | 61 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 98 | |
| FT | TOPO_DOM | 99 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 138 | |
| FT | TOPO_DOM | 139 | 158 | CYTOPLASMIC. |
| FT | TRANSMEM | 159 | 179 | |
| FT | TOPO_DOM | 180 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 212 | |
| FT | TOPO_DOM | 213 | 232 | CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 257 | |
| FT | TOPO_DOM | 258 | 276 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 277 | 297 | |
| FT | TOPO_DOM | 298 | 325 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GHSR_HUMAN

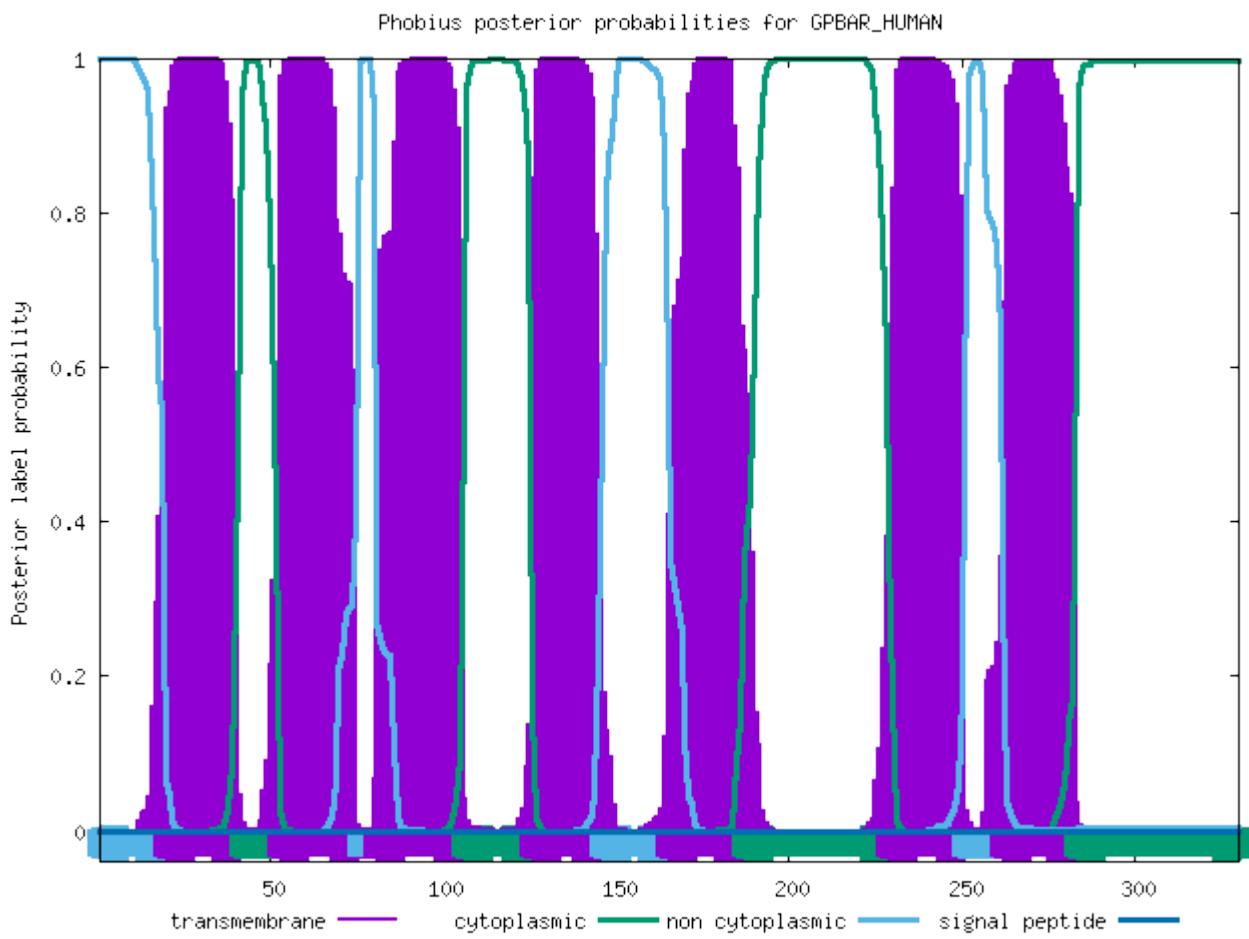
| ID | GHSR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 41 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 42 | 68 | |
| FT | TOPO_DOM | 69 | 79 | CYTOPLASMIC. |
| FT | TRANSMEM | 80 | 98 | |
| FT | TOPO_DOM | 99 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 184 | |
| FT | TOPO_DOM | 185 | 211 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 212 | 235 | |
| FT | TOPO_DOM | 236 | 263 | CYTOPLASMIC. |
| FT | TRANSMEM | 264 | 286 | |
| FT | TOPO_DOM | 287 | 305 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 306 | 326 | |
| FT | TOPO_DOM | 327 | 366 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPBAR_HUMAN

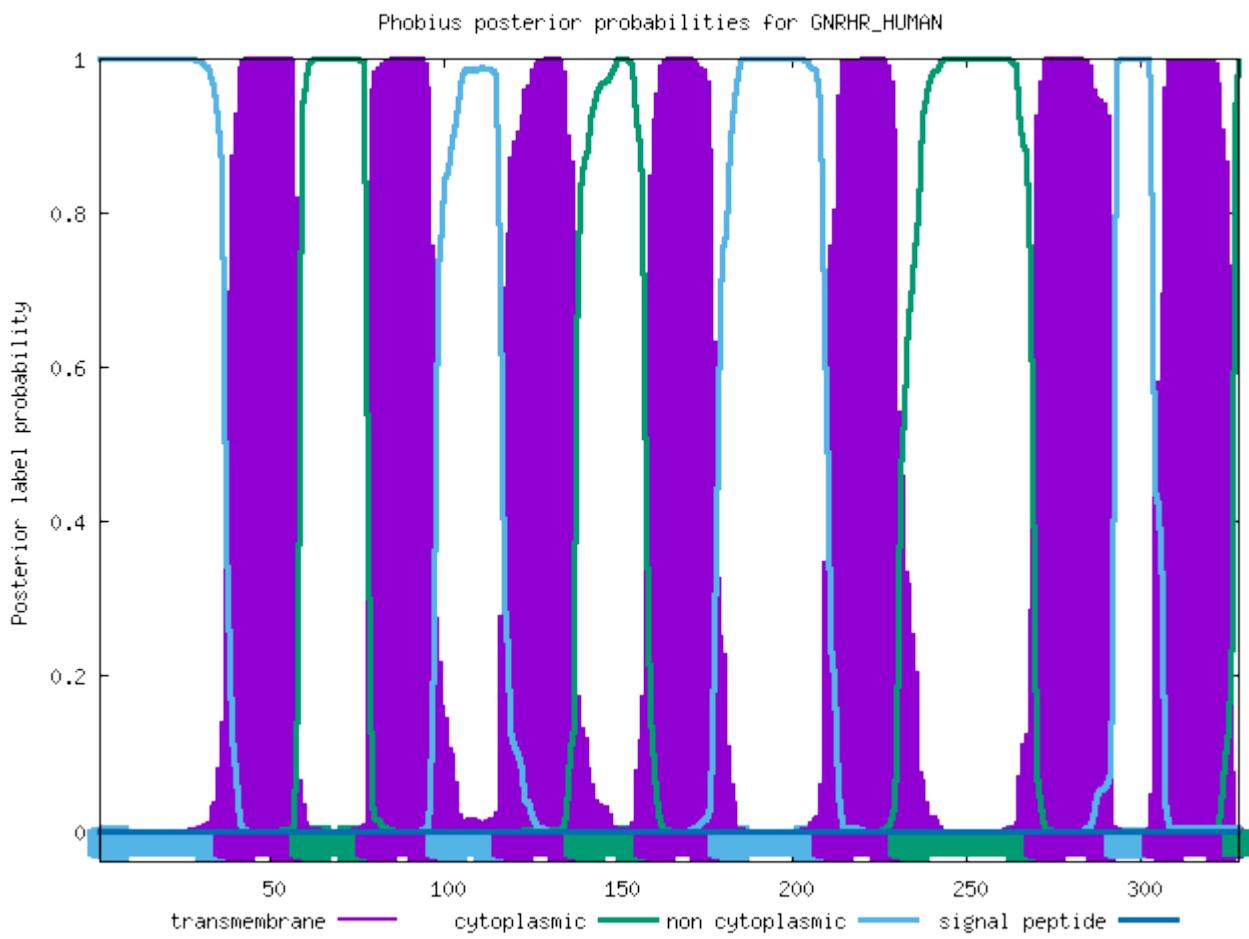
| ID | GPBAR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 41 | |
| FT | TOPO_DOM | 42 | 52 | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 75 | |
| FT | TOPO_DOM | 76 | 80 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 105 | |
| FT | TOPO_DOM | 106 | 125 | CYTOPLASMIC. |
| FT | TRANSMEM | 126 | 145 | |
| FT | TOPO_DOM | 146 | 164 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 165 | 186 | |
| FT | TOPO_DOM | 187 | 228 | CYTOPLASMIC. |
| FT | TRANSMEM | 229 | 250 | |
| FT | TOPO_DOM | 251 | 261 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 282 | |
| FT | TOPO_DOM | 283 | 330 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GNRHR_HUMAN

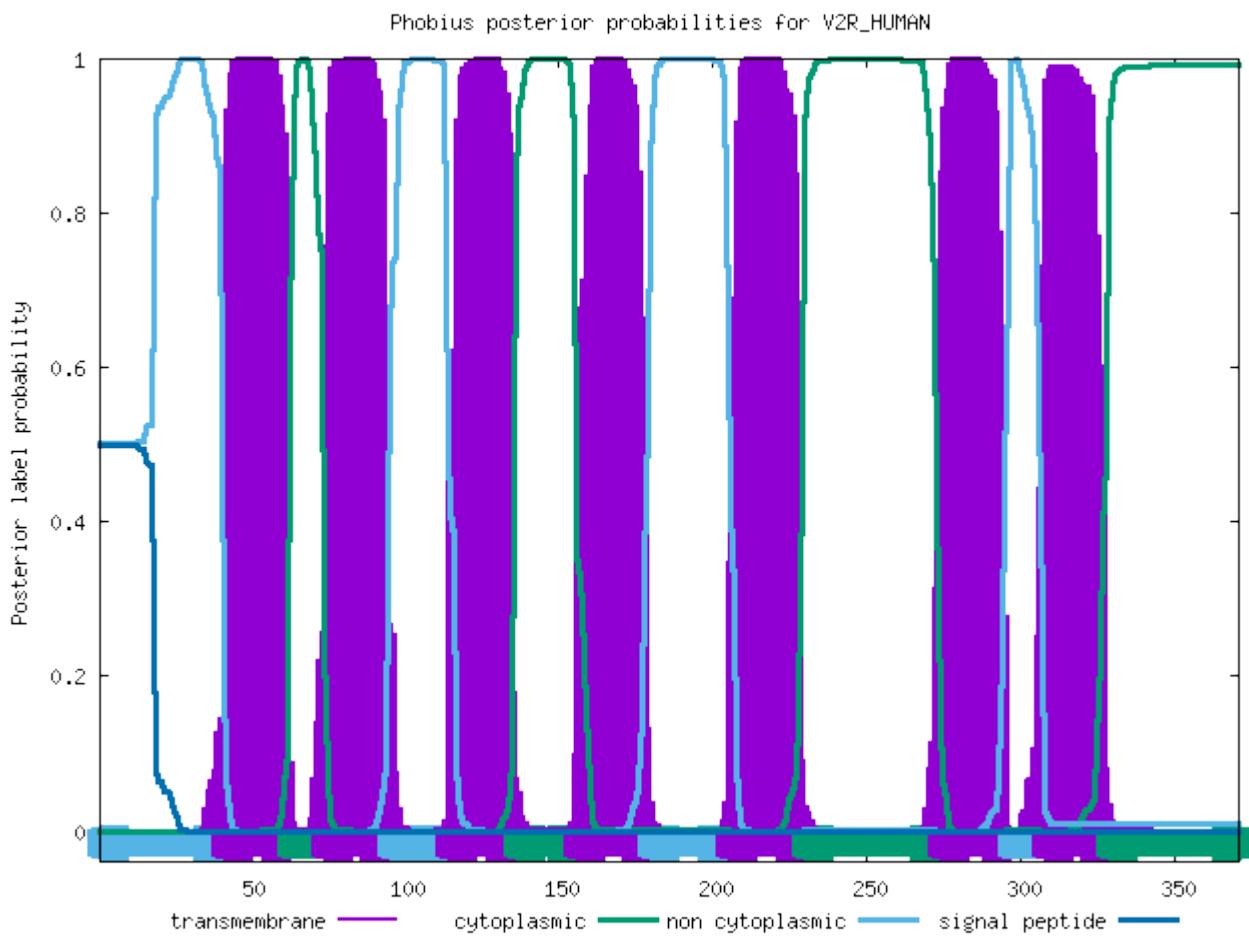
| ID | GNRHR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 36 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 37 | 58 | |
| FT | TOPO_DOM | 59 | 77 | CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 97 | |
| FT | TOPO_DOM | 98 | 116 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 137 | |
| FT | TOPO_DOM | 138 | 157 | CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 178 | |
| FT | TOPO_DOM | 179 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 230 | |
| FT | TOPO_DOM | 231 | 269 | CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 292 | |
| FT | TOPO_DOM | 293 | 303 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 326 | |
| FT | TOPO_DOM | 327 | 328 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of V2R_HUMAN

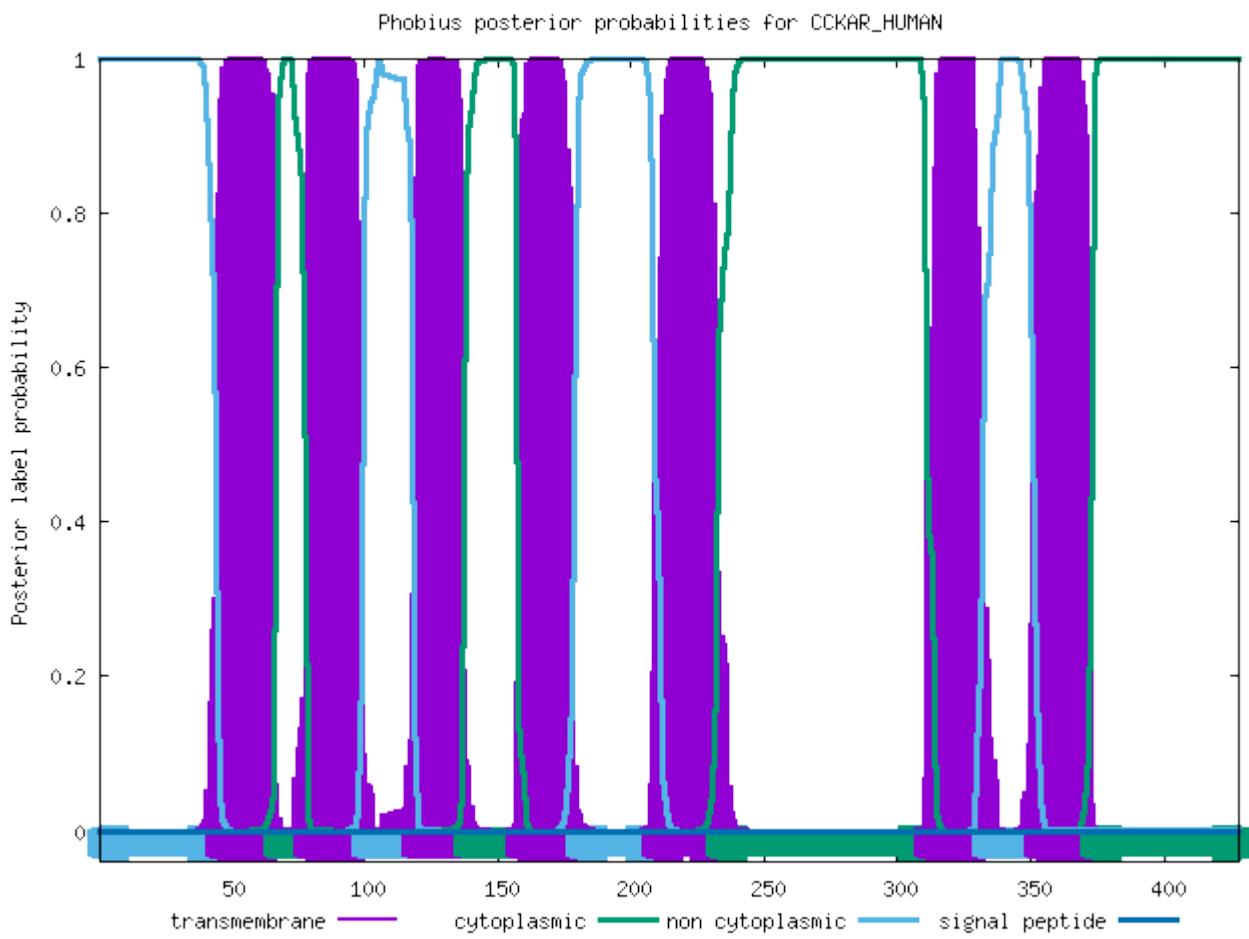
| ID | V2R_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 40 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 62 | |
| FT | TOPO_DOM | 63 | 73 | CYTOPLASMIC. |
| FT | TRANSMEM | 74 | 94 | |
| FT | TOPO_DOM | 95 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 135 | |
| FT | TOPO_DOM | 136 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 179 | |
| FT | TOPO_DOM | 180 | 204 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 205 | 229 | |
| FT | TOPO_DOM | 230 | 273 | CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 296 | |
| FT | TOPO_DOM | 297 | 307 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 308 | 328 | |
| FT | TOPO_DOM | 329 | 371 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CCKAR_HUMAN

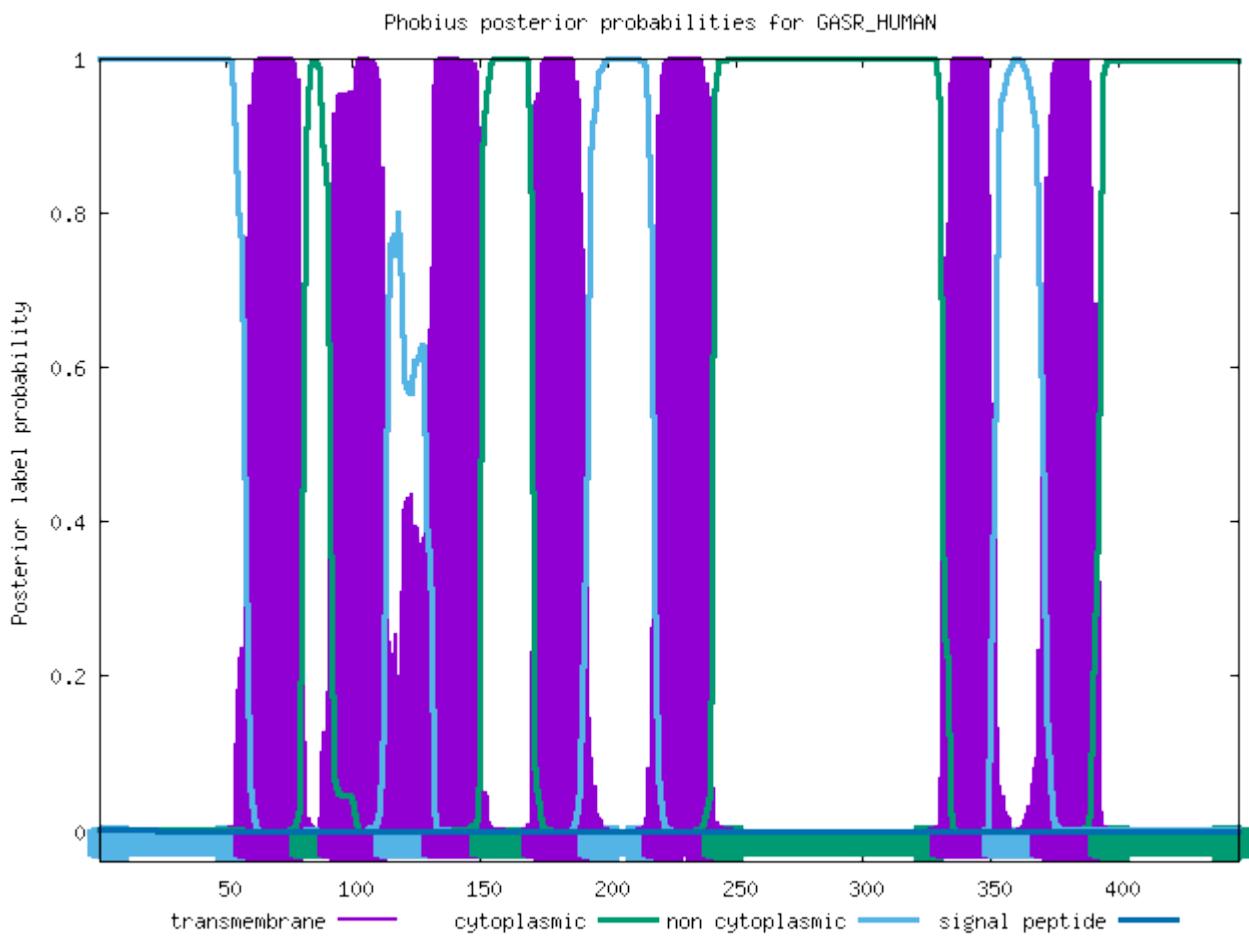
| ID | CCKAR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 44 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 66 | |
| FT | TOPO_DOM | 67 | 77 | CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 99 | |
| FT | TOPO_DOM | 100 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 137 | |
| FT | TOPO_DOM | 138 | 157 | CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 179 | |
| FT | TOPO_DOM | 180 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 232 | |
| FT | TOPO_DOM | 233 | 310 | CYTOPLASMIC. |
| FT | TRANSMEM | 311 | 332 | |
| FT | TOPO_DOM | 333 | 351 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 352 | 372 | |
| FT | TOPO_DOM | 373 | 428 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GASR_HUMAN

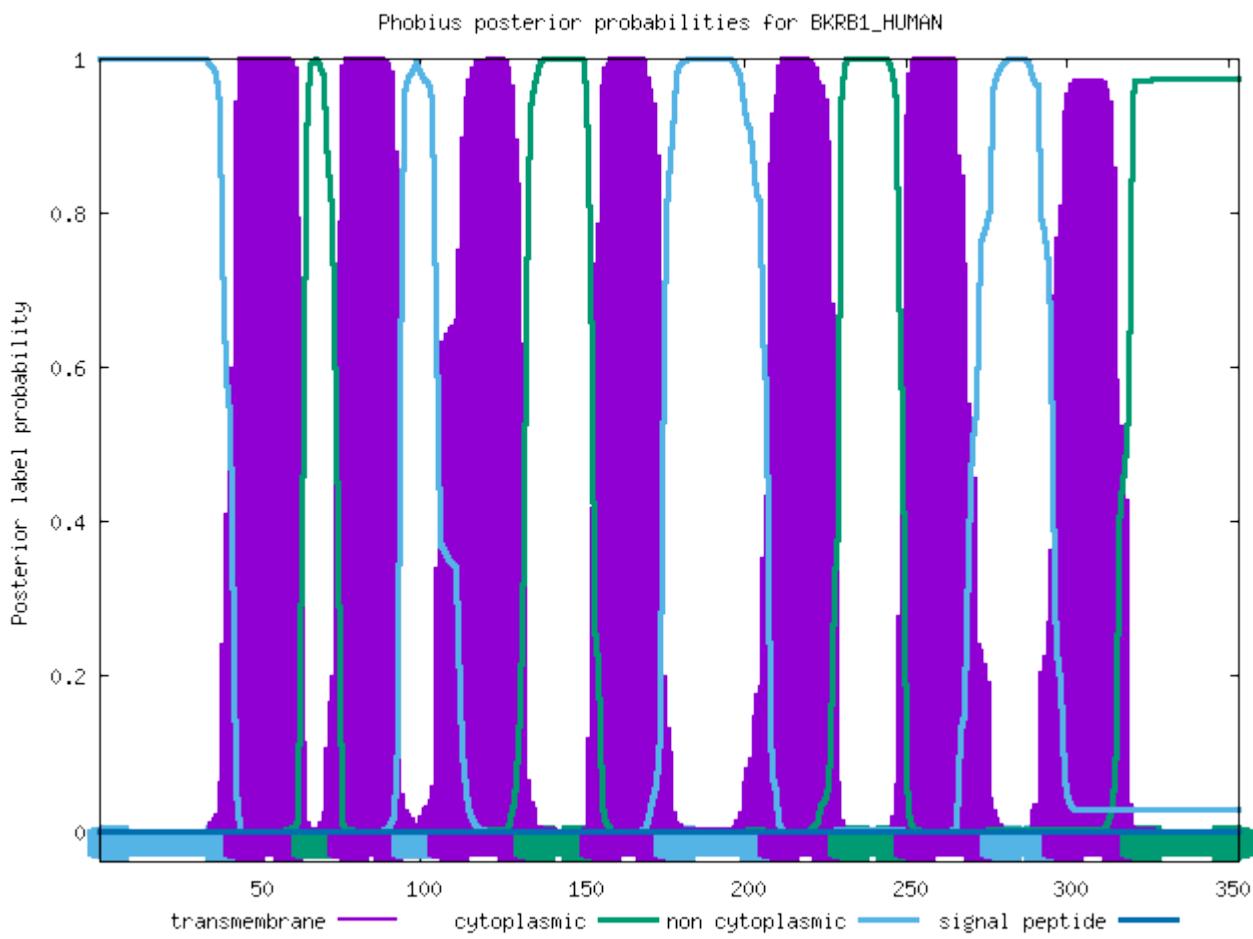
| ID | GASR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 57 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 58 | 79 | |
| FT | TOPO_DOM | 80 | 90 | CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 112 | |
| FT | TOPO_DOM | 113 | 131 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 132 | 150 | |
| FT | TOPO_DOM | 151 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 192 | |
| FT | TOPO_DOM | 193 | 217 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 218 | 241 | |
| FT | TOPO_DOM | 242 | 330 | CYTOPLASMIC. |
| FT | TRANSMEM | 331 | 350 | |
| FT | TOPO_DOM | 351 | 369 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 370 | 392 | |
| FT | TOPO_DOM | 393 | 447 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BKRB1_HUMAN

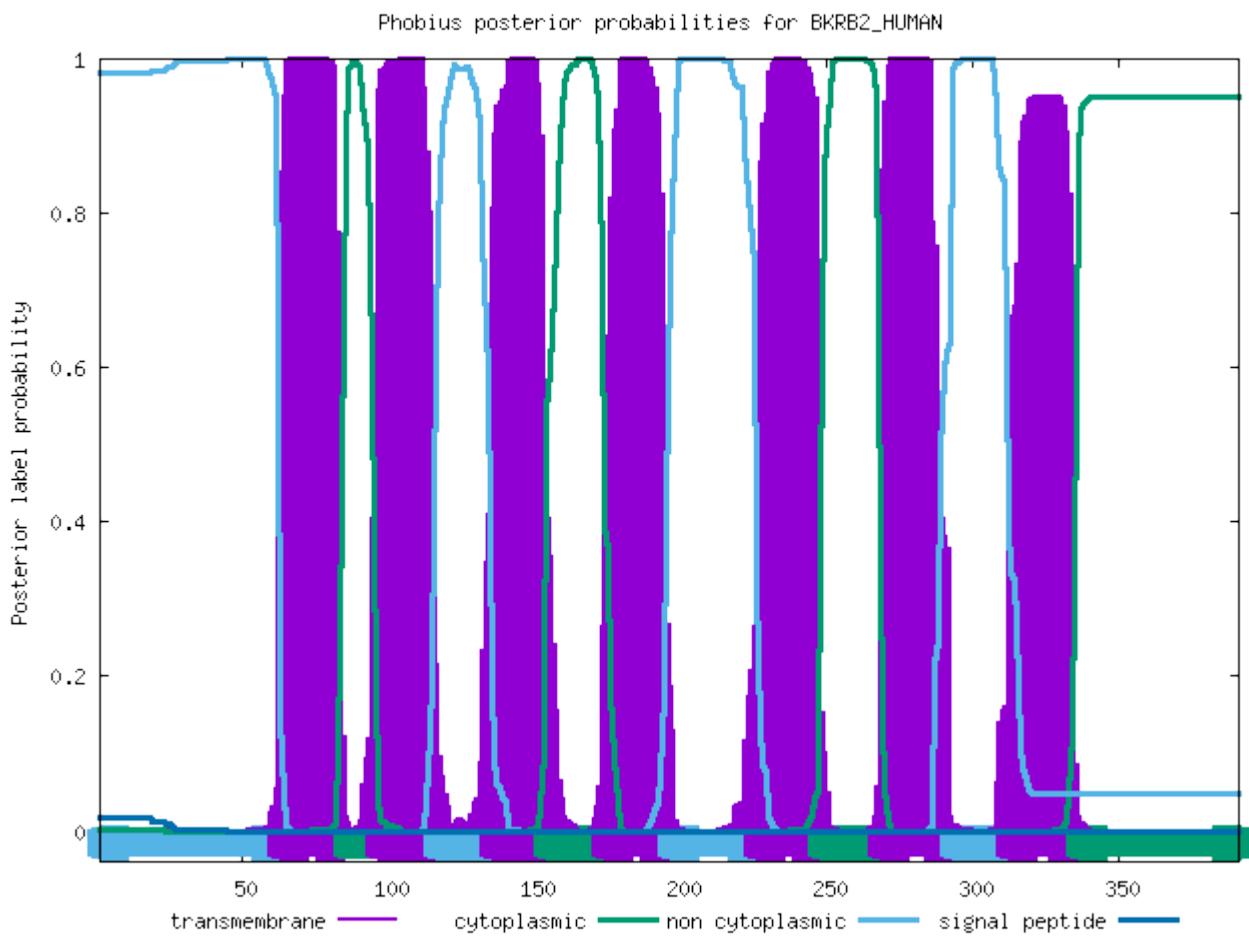
| ID | BKRB1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 63 | |
| FT | TOPO_DOM | 64 | 74 | CYTOPLASMIC. |
| FT | TRANSMEM | 75 | 94 | |
| FT | TOPO_DOM | 95 | 105 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 106 | 132 | |
| FT | TOPO_DOM | 133 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 175 | |
| FT | TOPO_DOM | 176 | 207 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 229 | |
| FT | TOPO_DOM | 230 | 249 | CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 276 | |
| FT | TOPO_DOM | 277 | 295 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 319 | |
| FT | TOPO_DOM | 320 | 353 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BKRB2_HUMAN

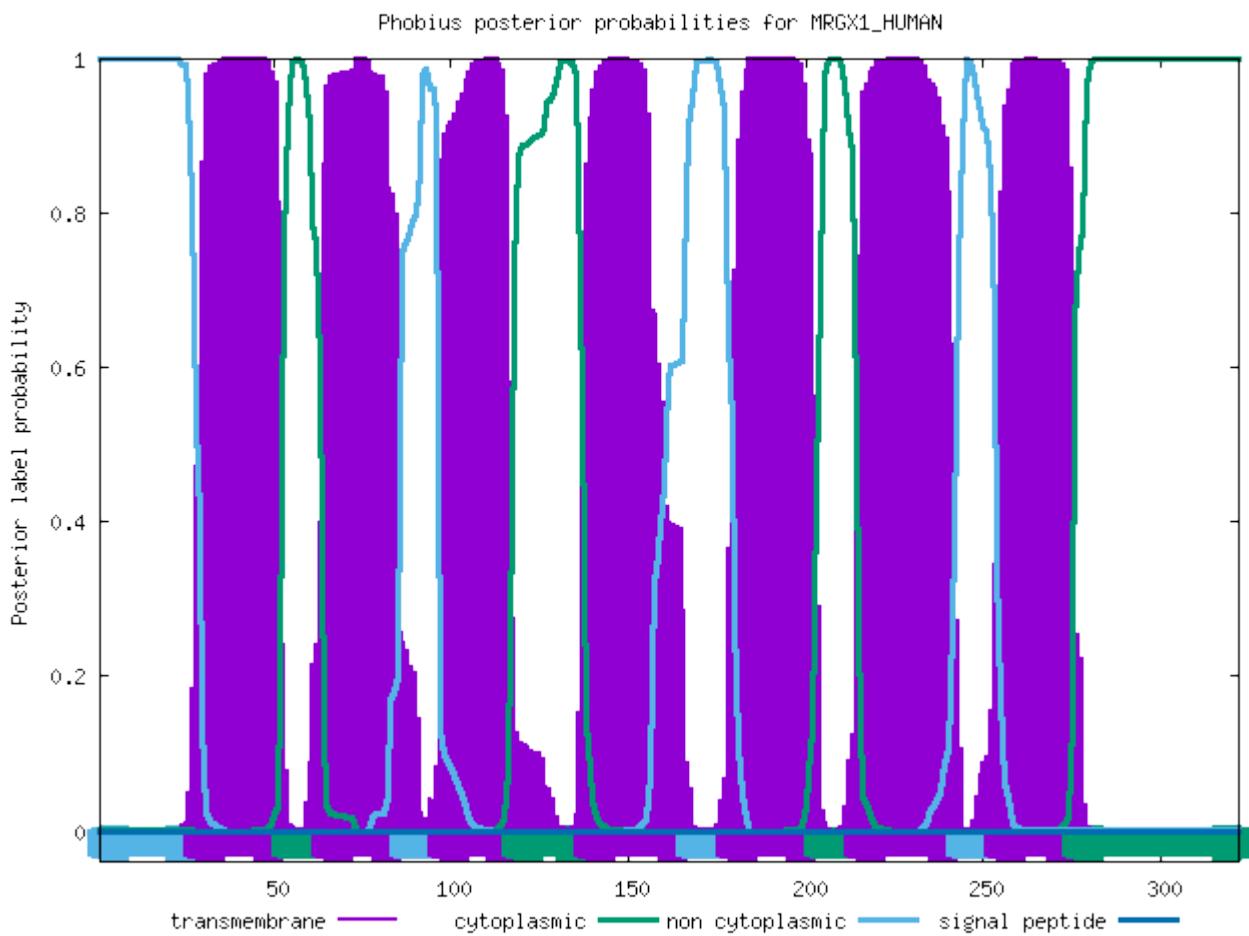
| ID | BKR2B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 62 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 84 | |
| FT | TOPO_DOM | 85 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 115 | |
| FT | TOPO_DOM | 116 | 134 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 153 | |
| FT | TOPO_DOM | 154 | 173 | CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 195 | |
| FT | TOPO_DOM | 196 | 225 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 226 | 247 | |
| FT | TOPO_DOM | 248 | 267 | CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 292 | |
| FT | TOPO_DOM | 293 | 311 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 312 | 335 | |
| FT | TOPO_DOM | 336 | 391 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MRGX1_HUMAN

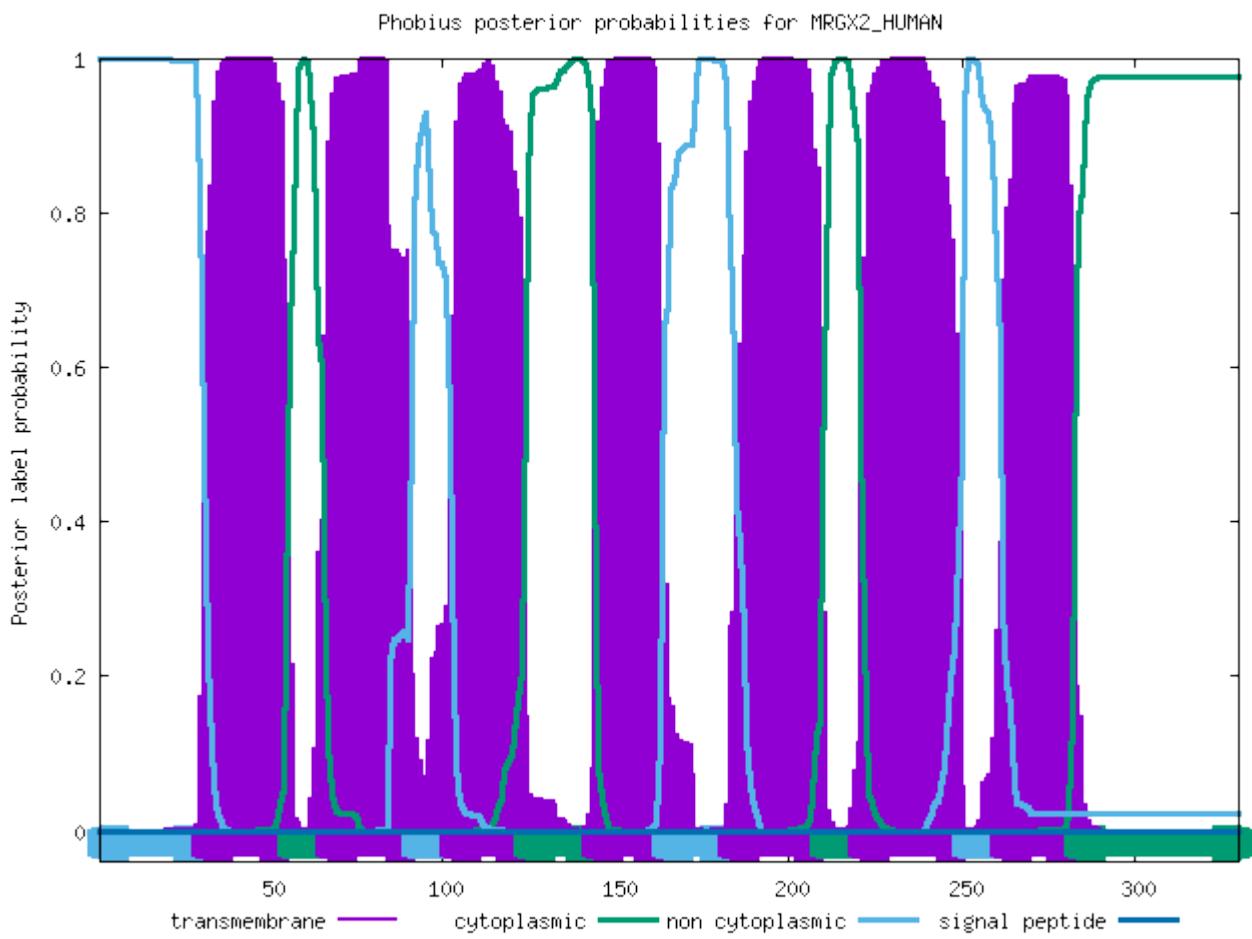
| ID | MRGX1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 27 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 28 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 85 | |
| FT | TOPO_DOM | 86 | 96 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 97 | 117 | |
| FT | TOPO_DOM | 118 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 166 | |
| FT | TOPO_DOM | 167 | 177 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 202 | |
| FT | TOPO_DOM | 203 | 213 | CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 242 | |
| FT | TOPO_DOM | 243 | 253 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 275 | |
| FT | TOPO_DOM | 276 | 322 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MRGX2_HUMAN

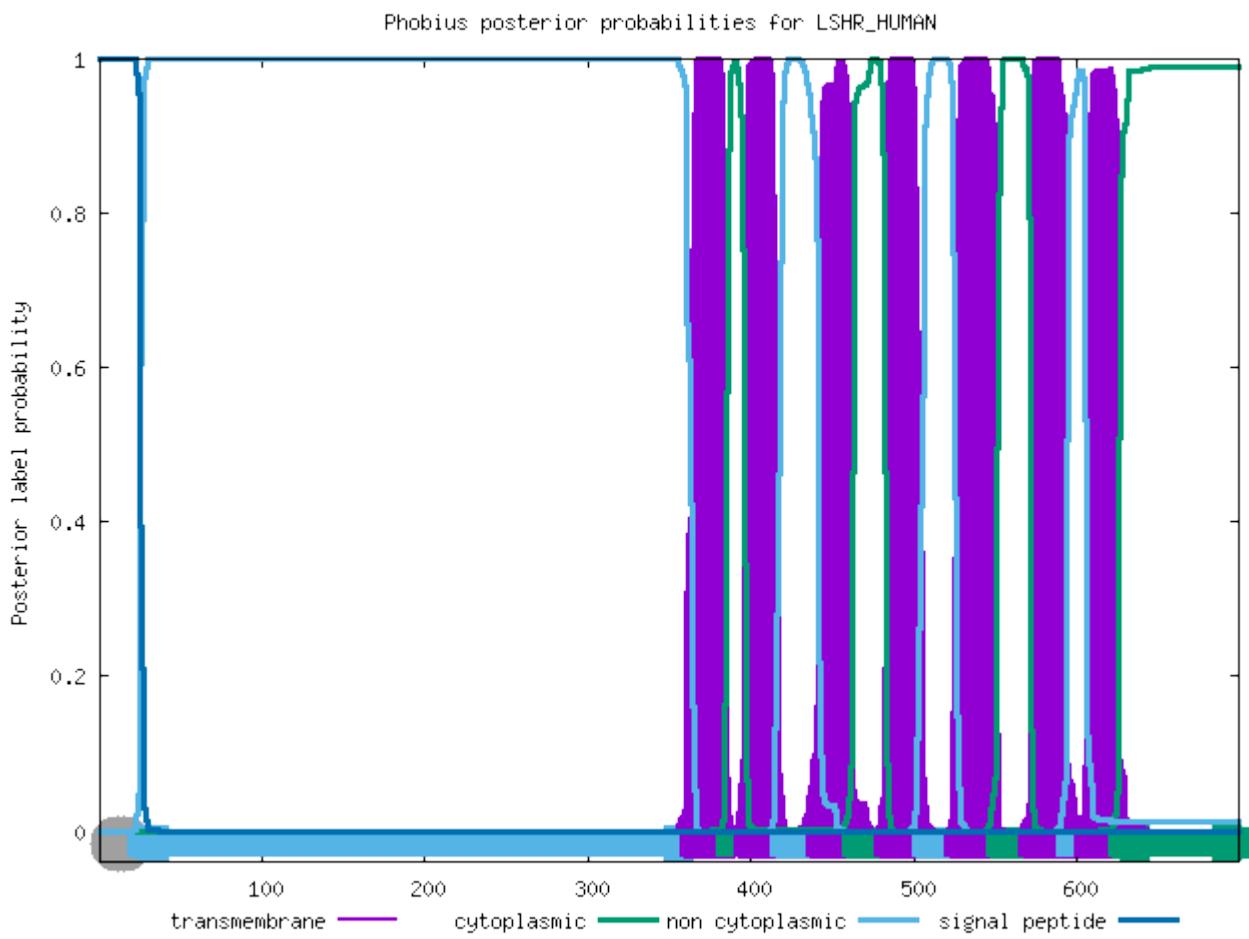
| ID | MRGX2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 55 | |
| FT | TOPO_DOM | 56 | 66 | CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 91 | |
| FT | TOPO_DOM | 92 | 102 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 103 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 163 | |
| FT | TOPO_DOM | 164 | 182 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 209 | |
| FT | TOPO_DOM | 210 | 220 | CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 250 | |
| FT | TOPO_DOM | 251 | 261 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 282 | |
| FT | TOPO_DOM | 283 | 330 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LSHR_HUMAN

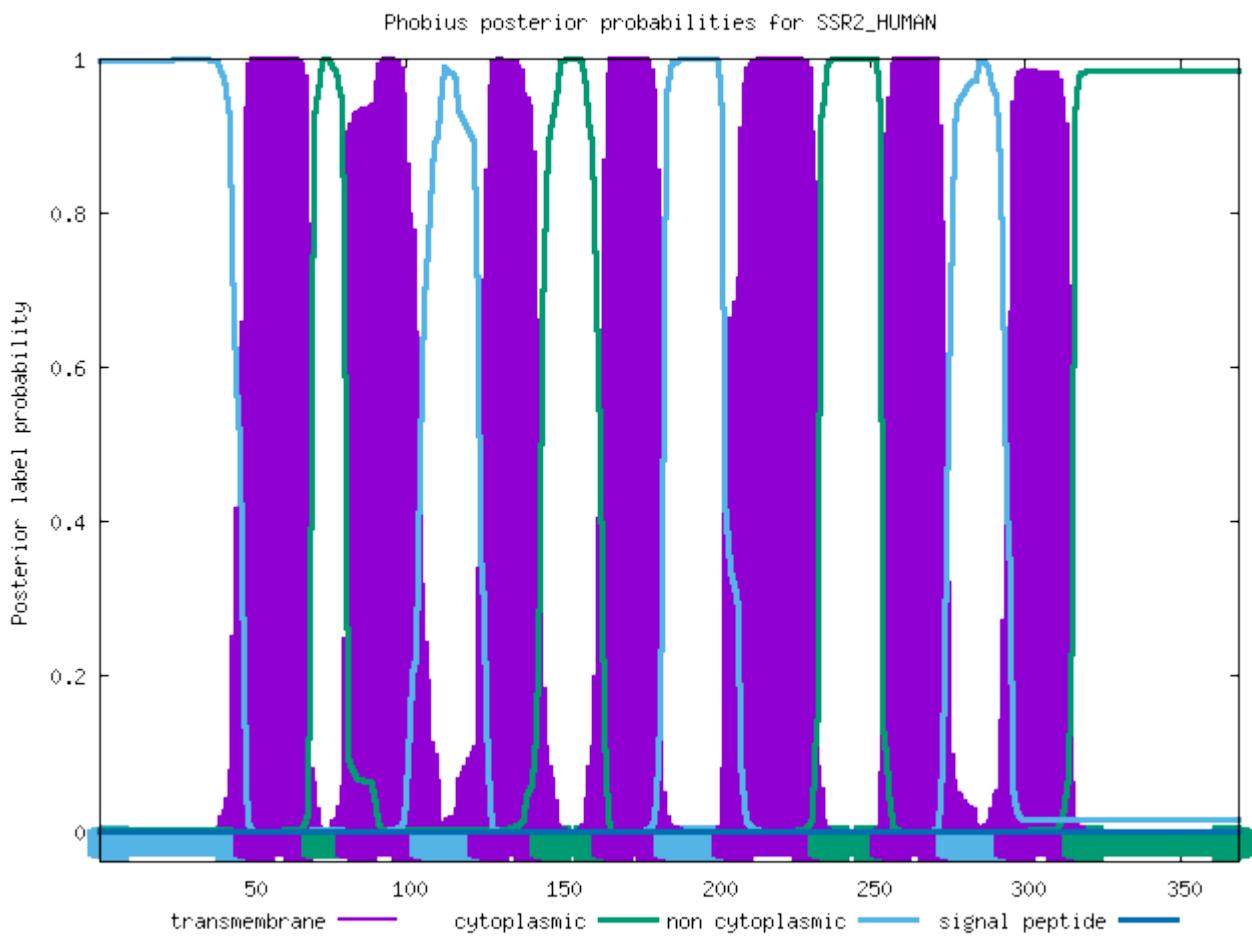
| ID | LSHR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 363 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 385 | |
| FT | TOPO_DOM | 386 | 396 | CYTOPLASMIC. |
| FT | TRANSMEM | 397 | 418 | |
| FT | TOPO_DOM | 419 | 441 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 442 | 462 | |
| FT | TOPO_DOM | 463 | 482 | CYTOPLASMIC. |
| FT | TRANSMEM | 483 | 506 | |
| FT | TOPO_DOM | 507 | 525 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 526 | 551 | |
| FT | TOPO_DOM | 552 | 571 | CYTOPLASMIC. |
| FT | TRANSMEM | 572 | 594 | |
| FT | TOPO_DOM | 595 | 605 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 606 | 626 | |
| FT | TOPO_DOM | 627 | 699 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SSR2_HUMAN

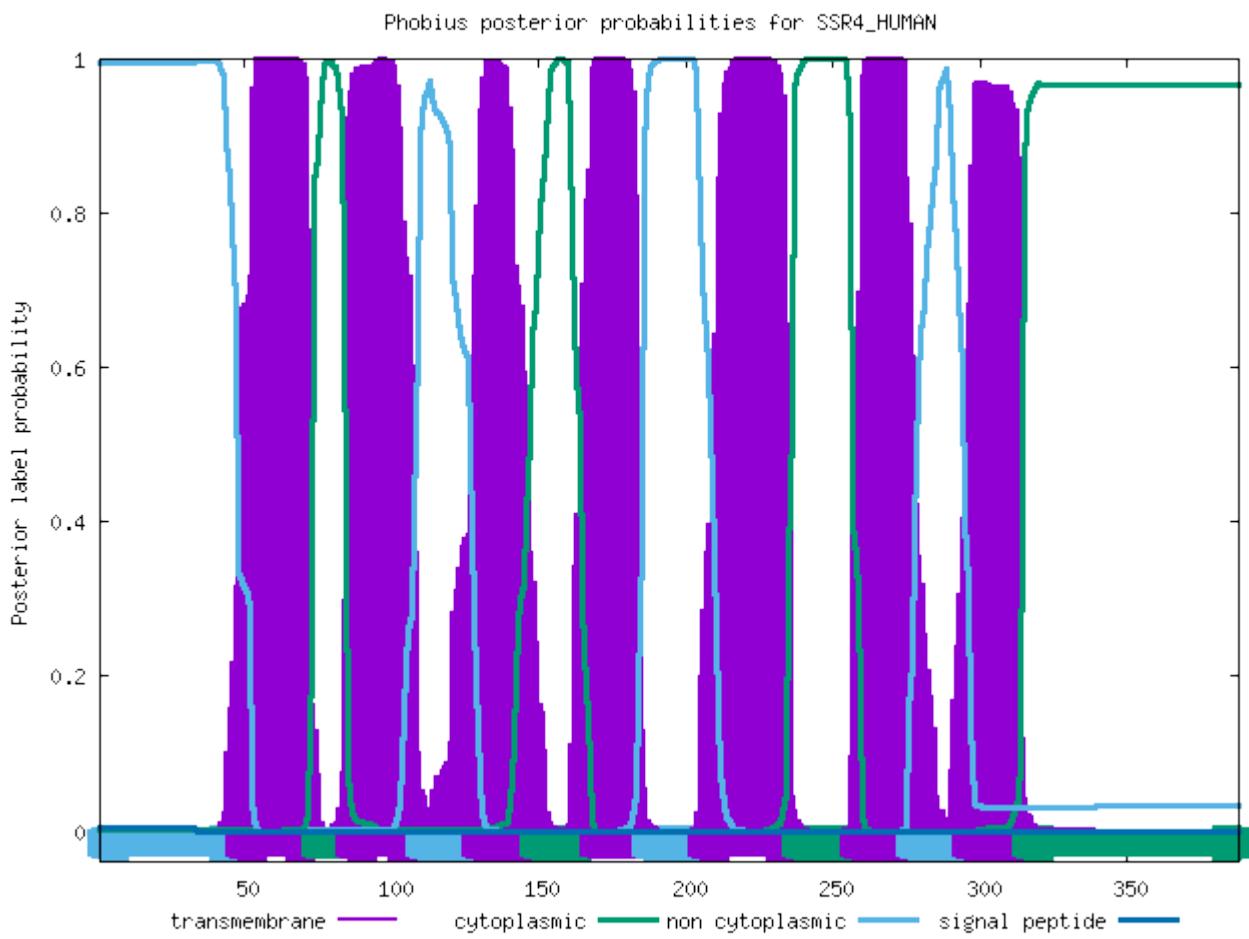
| ID | SSR2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 47 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 48 | 69 | |
| FT | TOPO_DOM | 70 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 104 | |
| FT | TOPO_DOM | 105 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 143 | |
| FT | TOPO_DOM | 144 | 163 | CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 183 | |
| FT | TOPO_DOM | 184 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 233 | |
| FT | TOPO_DOM | 234 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 274 | |
| FT | TOPO_DOM | 275 | 293 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 294 | 315 | |
| FT | TOPO_DOM | 316 | 369 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SSR4_HUMAN

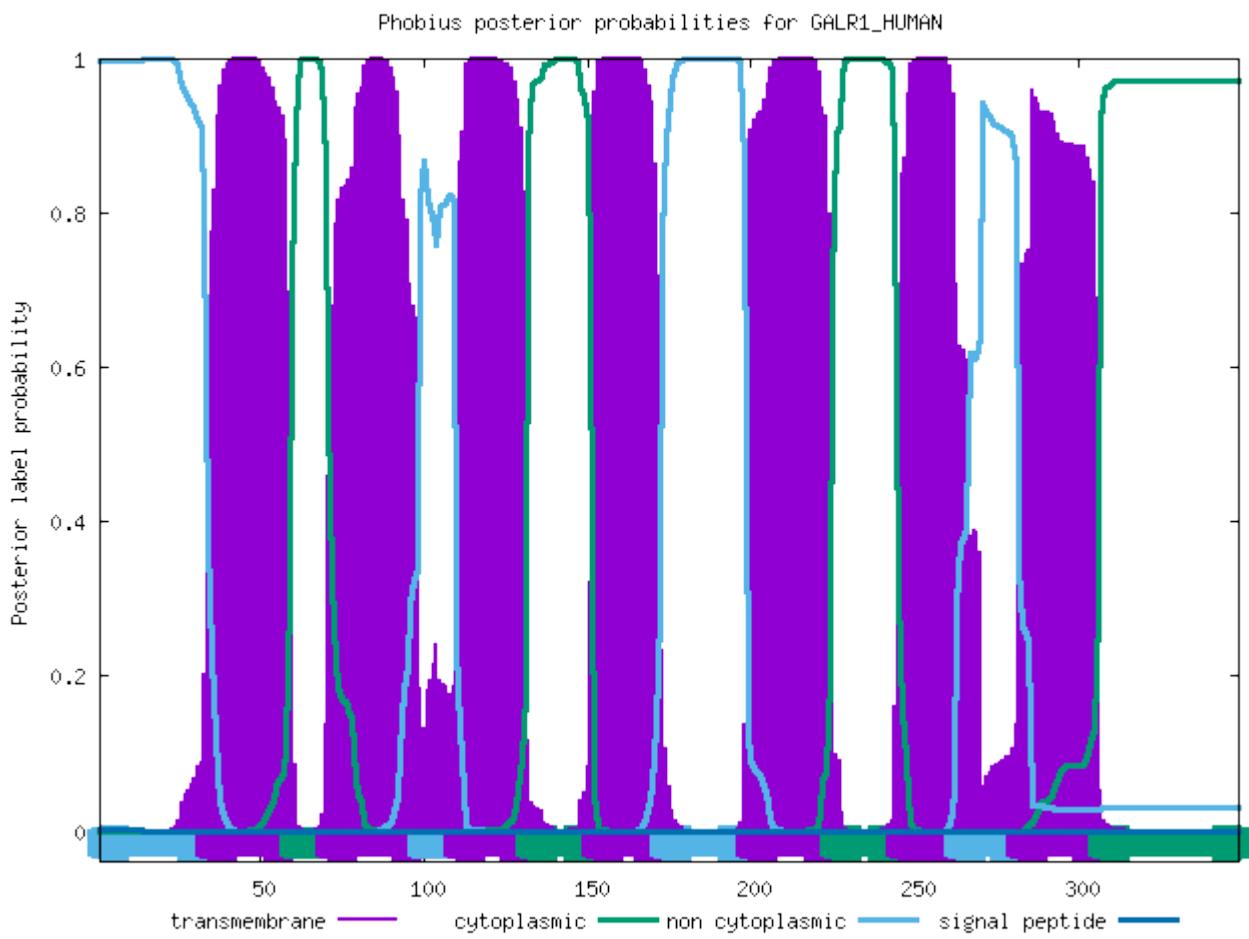
| ID | SSR4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 47 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 48 | 73 | |
| FT | TOPO_DOM | 74 | 84 | CYTOPLASMIC. |
| FT | TRANSMEM | 85 | 108 | |
| FT | TOPO_DOM | 109 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 147 | |
| FT | TOPO_DOM | 148 | 167 | CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 185 | |
| FT | TOPO_DOM | 186 | 204 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 205 | 236 | |
| FT | TOPO_DOM | 237 | 256 | CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 275 | |
| FT | TOPO_DOM | 276 | 294 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 314 | |
| FT | TOPO_DOM | 315 | 388 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GALR1_HUMAN

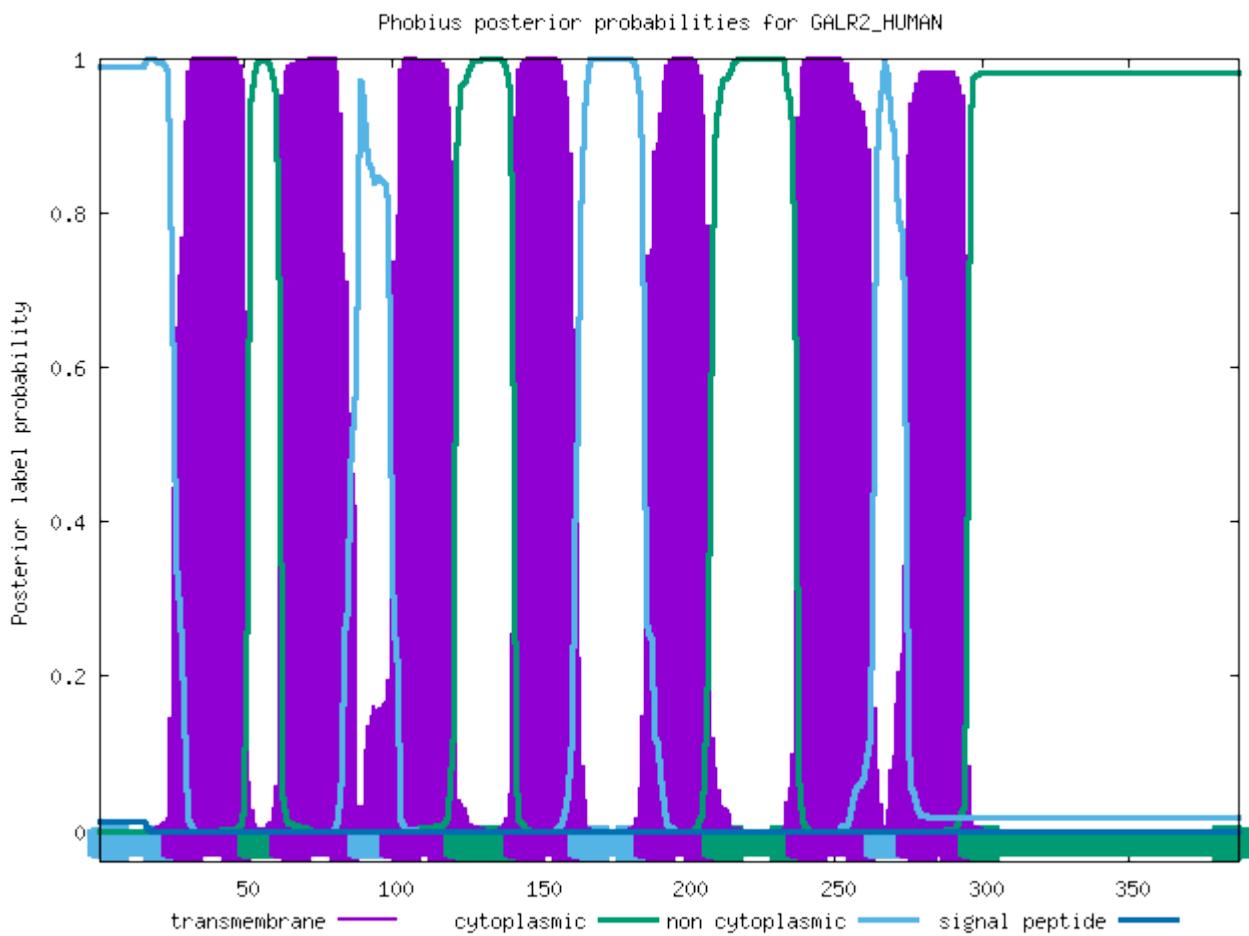
| ID | GALR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 33 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 34 | 59 | |
| FT | TOPO_DOM | 60 | 70 | CYTOPLASMIC. |
| FT | TRANSMEM | 71 | 98 | |
| FT | TOPO_DOM | 99 | 109 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 131 | |
| FT | TOPO_DOM | 132 | 151 | CYTOPLASMIC. |
| FT | TRANSMEM | 152 | 172 | |
| FT | TOPO_DOM | 173 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 224 | |
| FT | TOPO_DOM | 225 | 244 | CYTOPLASMIC. |
| FT | TRANSMEM | 245 | 262 | |
| FT | TOPO_DOM | 263 | 281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 306 | |
| FT | TOPO_DOM | 307 | 349 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GALR2_HUMAN

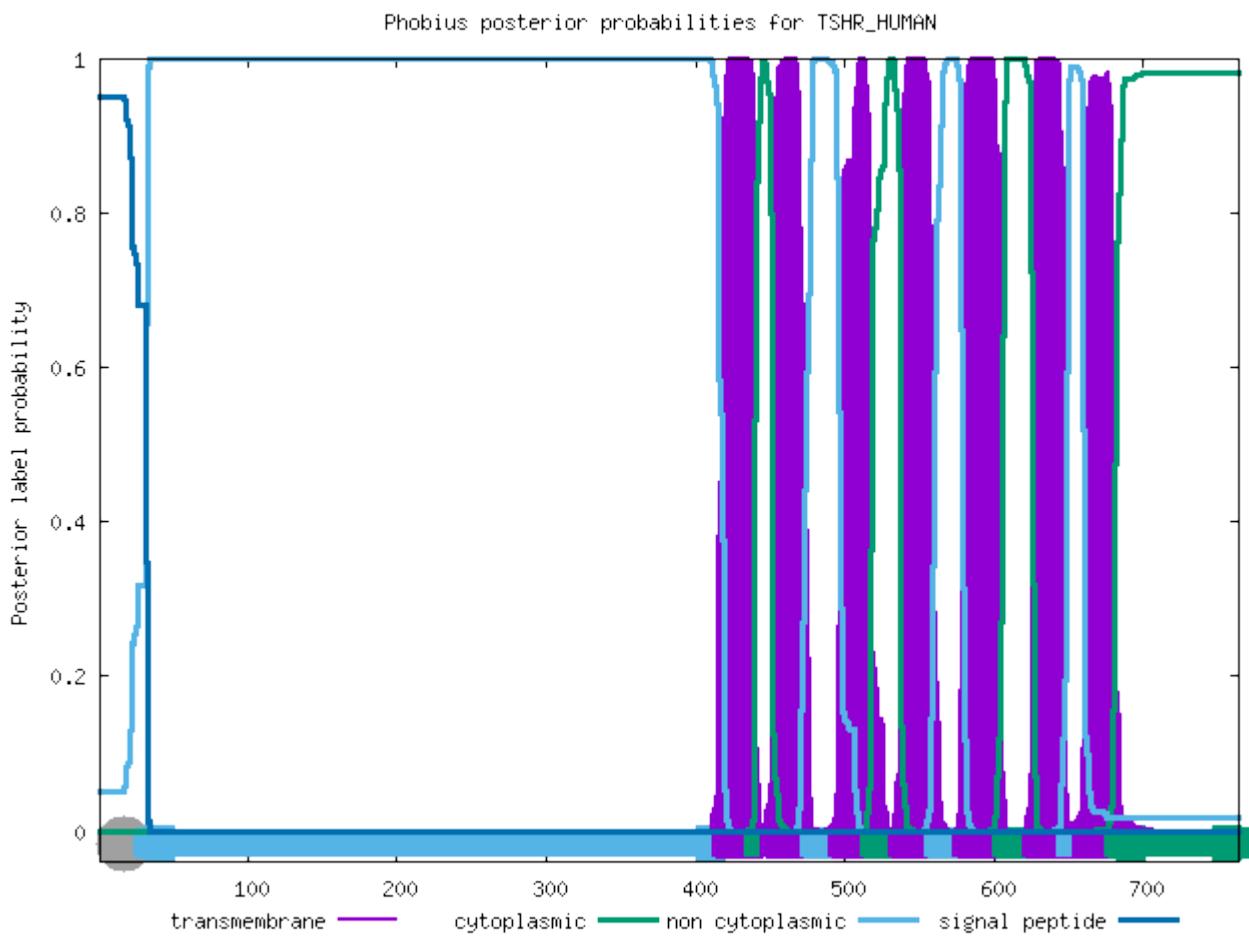
| ID | GALR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 51 | |
| FT | TOPO_DOM | 52 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 88 | |
| FT | TOPO_DOM | 89 | 99 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 100 | 121 | |
| FT | TOPO_DOM | 122 | 141 | CYTOPLASMIC. |
| FT | TRANSMEM | 142 | 163 | |
| FT | TOPO_DOM | 164 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 208 | |
| FT | TOPO_DOM | 209 | 237 | CYTOPLASMIC. |
| FT | TRANSMEM | 238 | 263 | |
| FT | TOPO_DOM | 264 | 274 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 295 | |
| FT | TOPO_DOM | 296 | 387 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TSHR_HUMAN

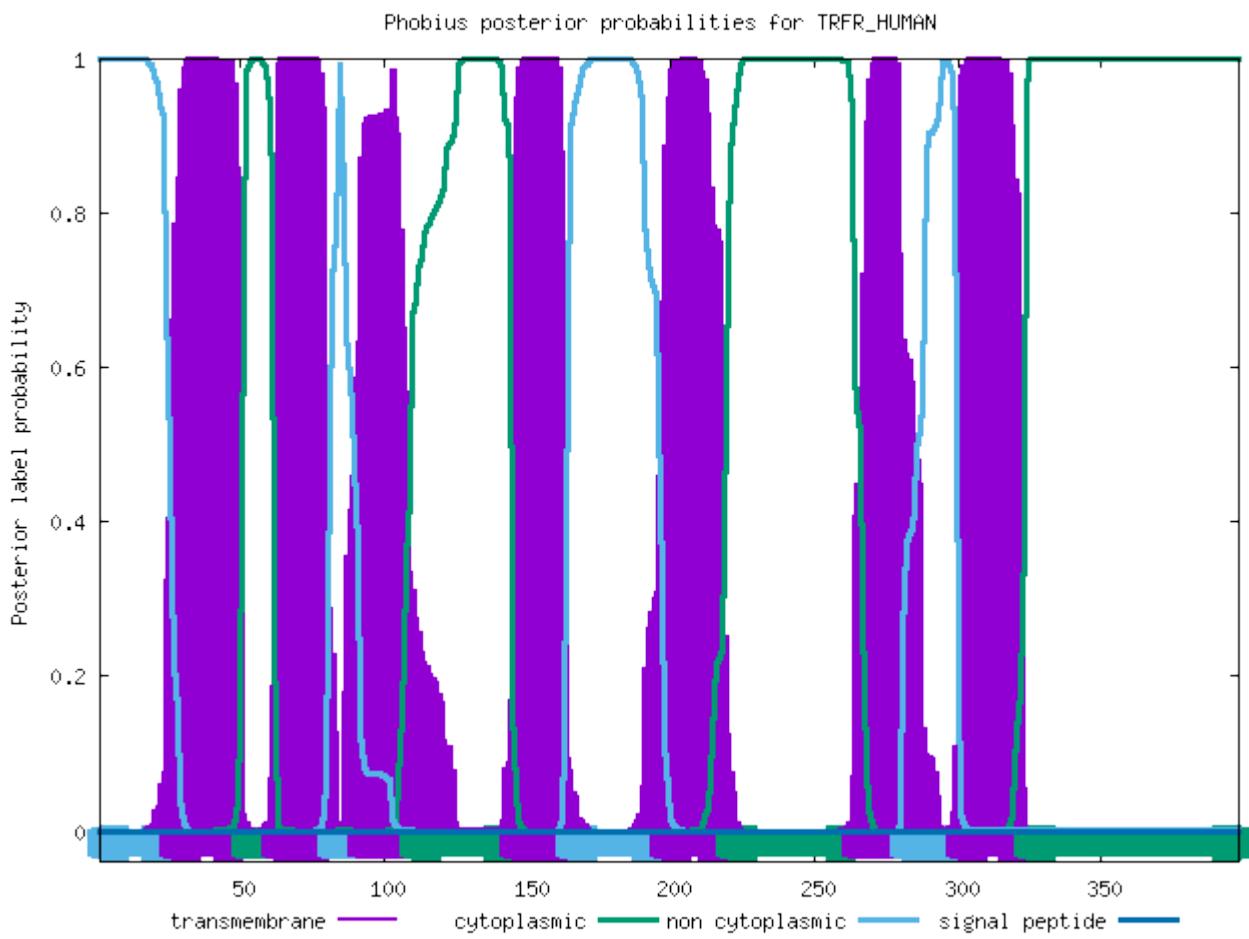
| ID | TSHR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 31 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 13 | H-REGION. |
| FT | REGION | 14 | 31 | C-REGION. |
| FT | TOPO_DOM | 32 | 418 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 440 | |
| FT | TOPO_DOM | 441 | 451 | CYTOPLASMIC. |
| FT | TRANSMEM | 452 | 477 | |
| FT | TOPO_DOM | 478 | 496 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 497 | 517 | |
| FT | TOPO_DOM | 518 | 537 | CYTOPLASMIC. |
| FT | TRANSMEM | 538 | 560 | |
| FT | TOPO_DOM | 561 | 579 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 580 | 606 | |
| FT | TOPO_DOM | 607 | 626 | CYTOPLASMIC. |
| FT | TRANSMEM | 627 | 649 | |
| FT | TOPO_DOM | 650 | 660 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 661 | 681 | |
| FT | TOPO_DOM | 682 | 764 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TRFR_HUMAN

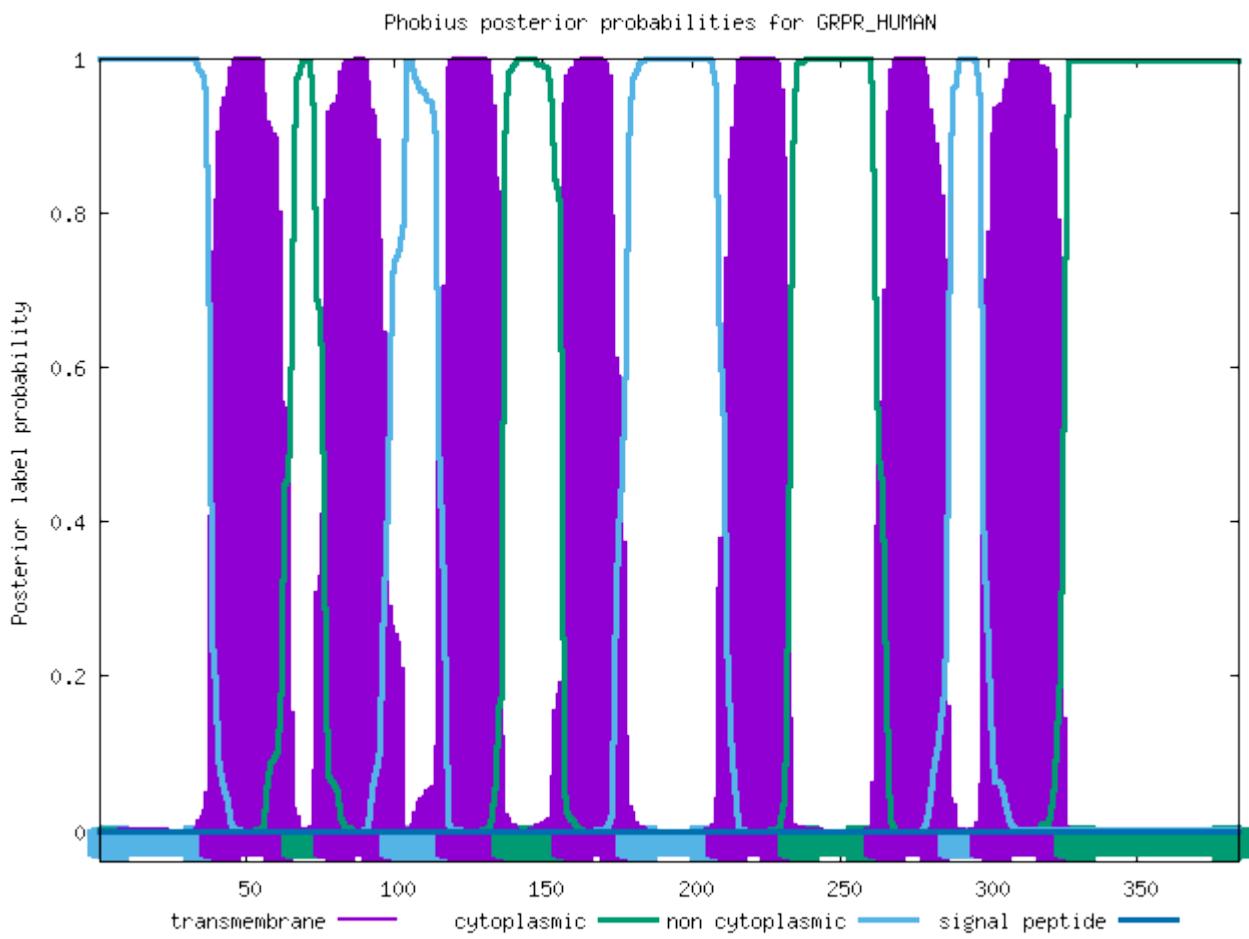
| ID | TRFR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 50 | |
| FT | TOPO_DOM | 51 | 61 | CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 80 | |
| FT | TOPO_DOM | 81 | 91 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 109 | |
| FT | TOPO_DOM | 110 | 144 | CYTOPLASMIC. |
| FT | TRANSMEM | 145 | 163 | |
| FT | TOPO_DOM | 164 | 196 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 219 | |
| FT | TOPO_DOM | 220 | 263 | CYTOPLASMIC. |
| FT | TRANSMEM | 264 | 280 | |
| FT | TOPO_DOM | 281 | 299 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 300 | 323 | |
| FT | TOPO_DOM | 324 | 398 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRPR_HUMAN

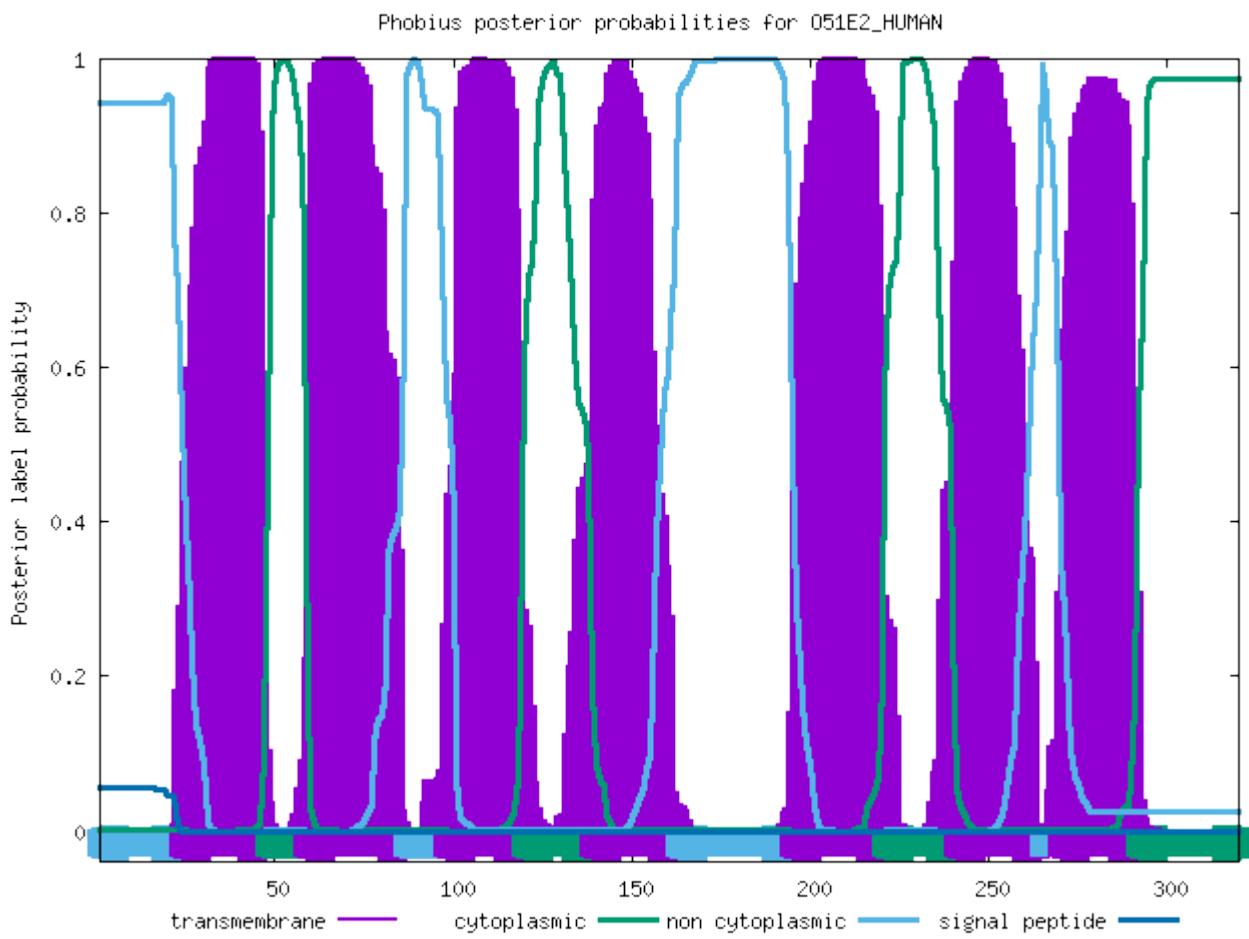
| ID | GRPR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 38 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 65 | |
| FT | TOPO_DOM | 66 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 98 | |
| FT | TOPO_DOM | 99 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 136 | |
| FT | TOPO_DOM | 137 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 178 | |
| FT | TOPO_DOM | 179 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 232 | |
| FT | TOPO_DOM | 233 | 261 | CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 286 | |
| FT | TOPO_DOM | 287 | 297 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 325 | |
| FT | TOPO_DOM | 326 | 384 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of O51E2_HUMAN

| ID | O51E2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 23 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 24 | 47 | |
| FT | TOPO_DOM | 48 | 58 | CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 86 | |
| FT | TOPO_DOM | 87 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 119 | |
| FT | TOPO_DOM | 120 | 138 | CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 162 | |
| FT | TOPO_DOM | 163 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 220 | |
| FT | TOPO_DOM | 221 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 264 | |
| FT | TOPO_DOM | 265 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 291 | |
| FT | TOPO_DOM | 292 | 320 | CYTOPLASMIC. |
| // | | | | |

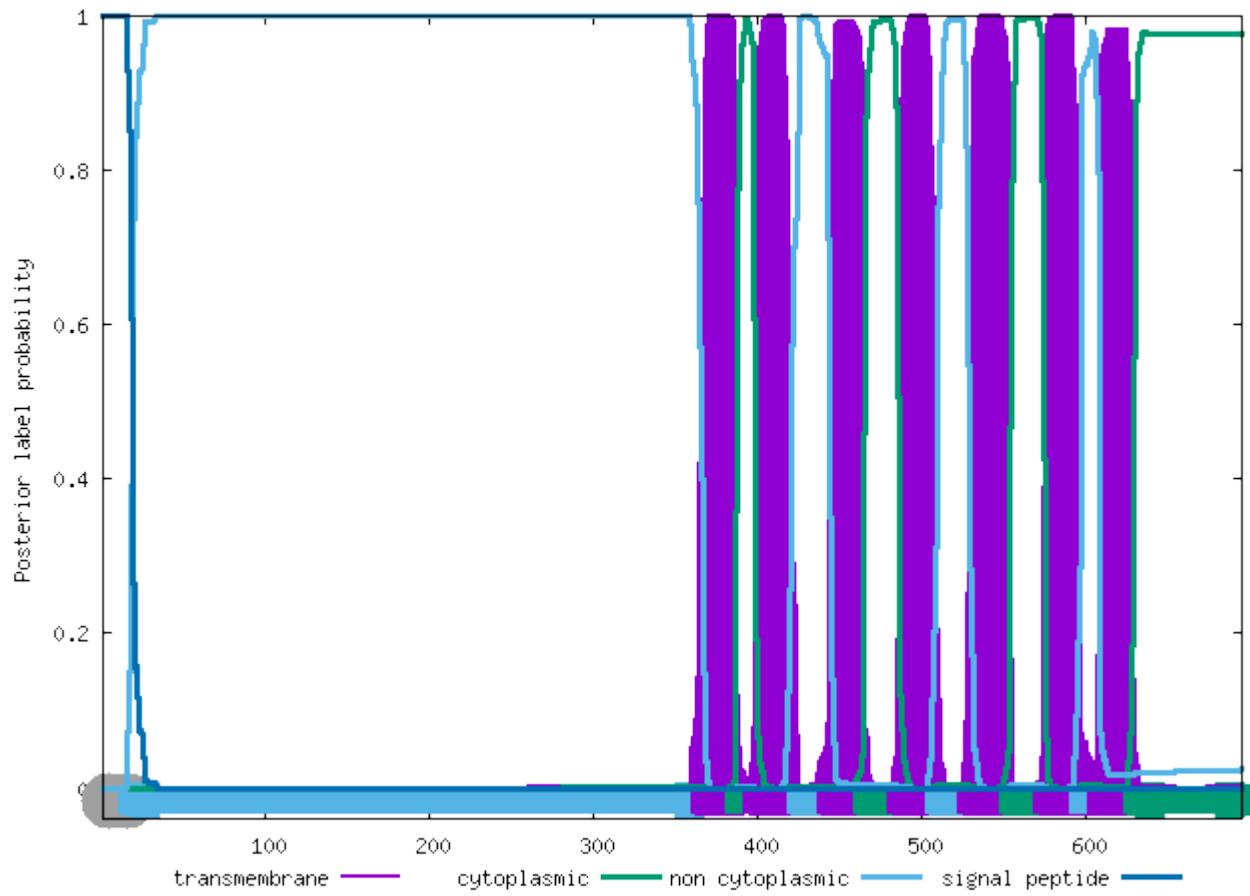


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FSHR_HUMAN

| ID | FSHR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 17 | |
| FT | REGION | 1 | 1 | N-REGION. |
| FT | REGION | 2 | 12 | H-REGION. |
| FT | REGION | 13 | 17 | C-REGION. |
| FT | TOPO_DOM | 18 | 366 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 367 | 387 | |
| FT | TOPO_DOM | 388 | 398 | CYTOPLASMIC. |
| FT | TRANSMEM | 399 | 424 | |
| FT | TOPO_DOM | 425 | 443 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 444 | 465 | |
| FT | TOPO_DOM | 466 | 485 | CYTOPLASMIC. |
| FT | TRANSMEM | 486 | 509 | |
| FT | TOPO_DOM | 510 | 528 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 529 | 554 | |
| FT | TOPO_DOM | 555 | 574 | CYTOPLASMIC. |
| FT | TRANSMEM | 575 | 597 | |
| FT | TOPO_DOM | 598 | 608 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 629 | |
| FT | TOPO_DOM | 630 | 695 | CYTOPLASMIC. |
| // | | | | |

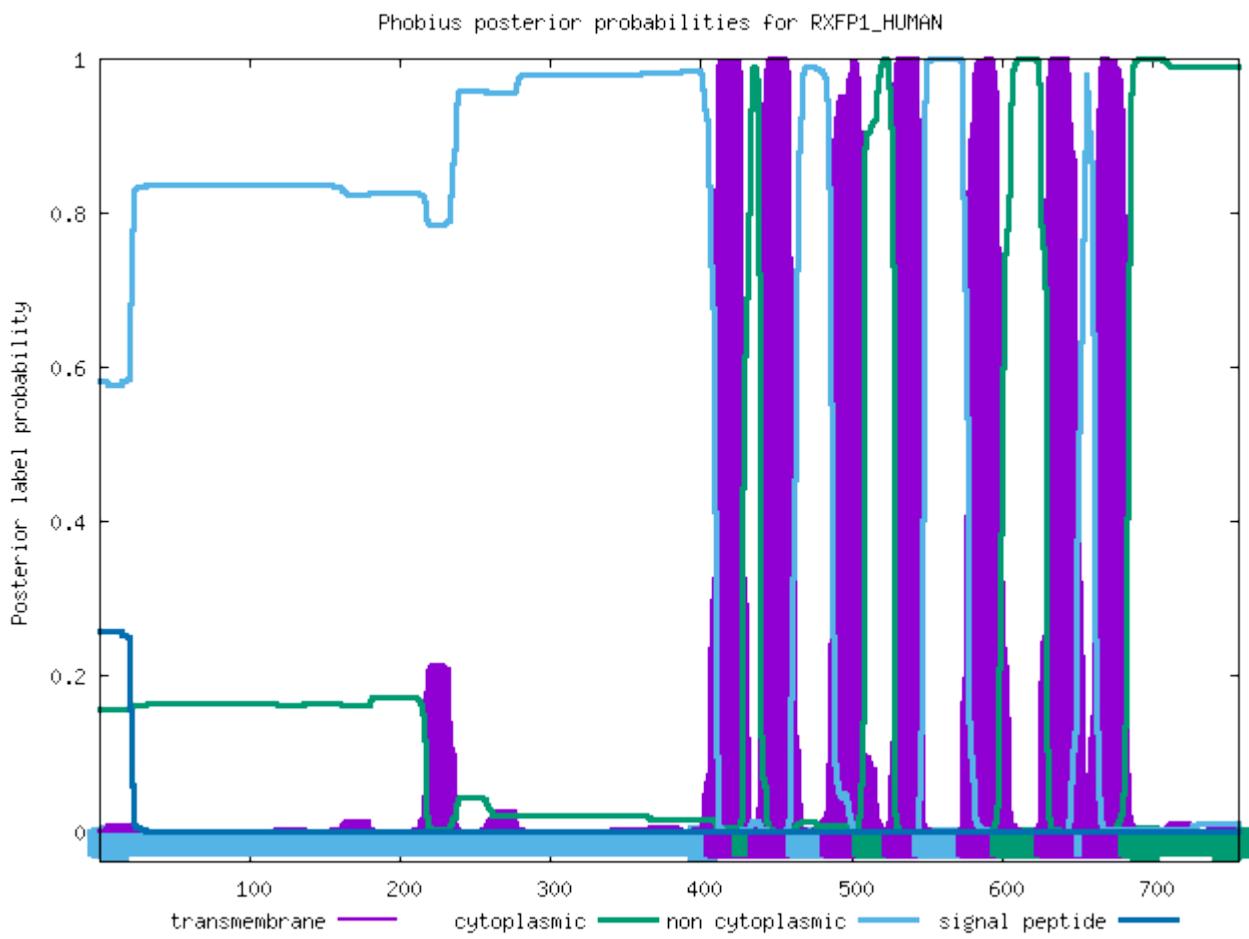
Phobius posterior probabilities for FSHR_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RXFP1_HUMAN

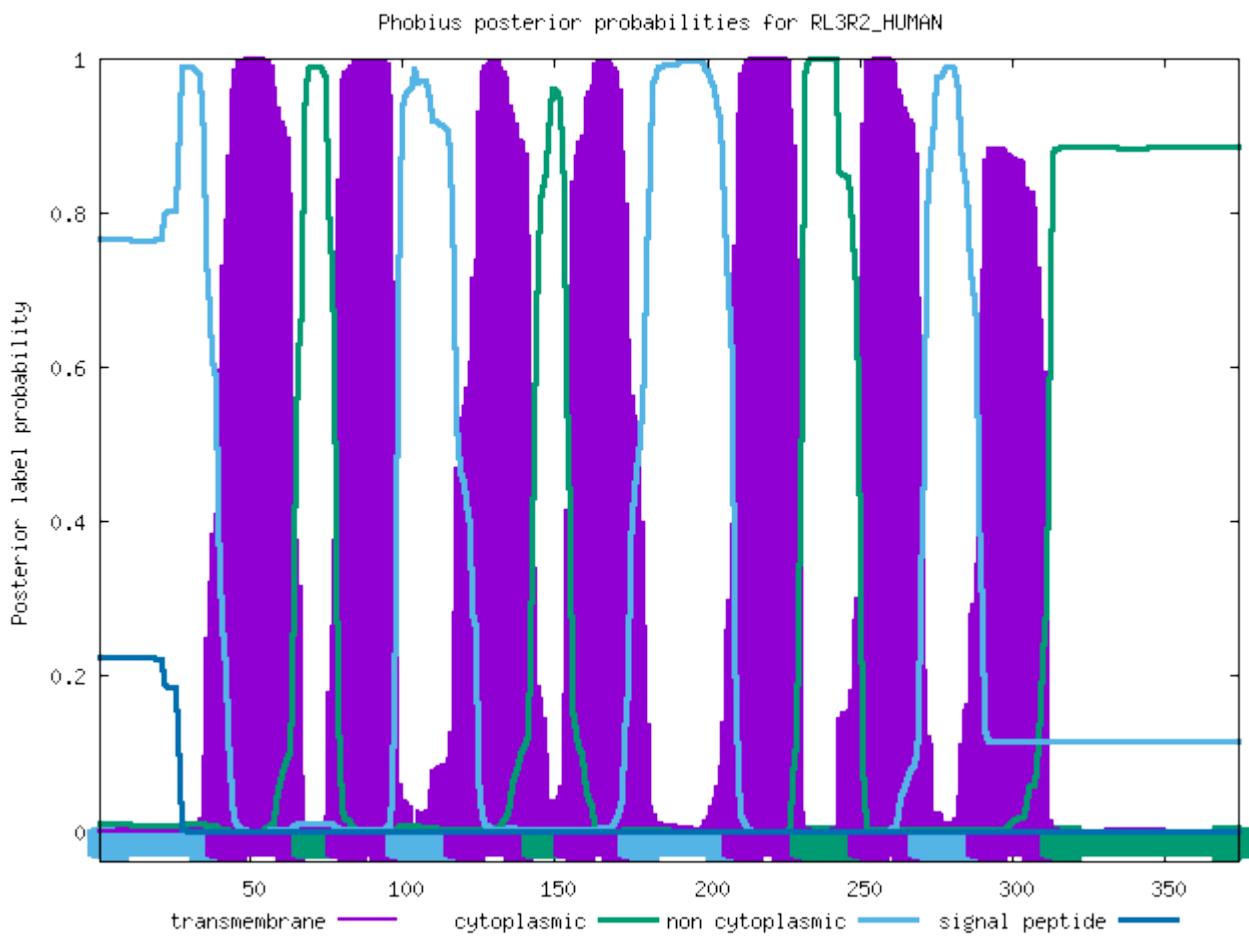
| ID | RXFP1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 409 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 410 | 428 | |
| FT | TOPO_DOM | 429 | 439 | CYTOPLASMIC. |
| FT | TRANSMEM | 440 | 464 | |
| FT | TOPO_DOM | 465 | 486 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 487 | 508 | |
| FT | TOPO_DOM | 509 | 528 | CYTOPLASMIC. |
| FT | TRANSMEM | 529 | 547 | |
| FT | TOPO_DOM | 548 | 577 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 578 | 599 | |
| FT | TOPO_DOM | 600 | 629 | CYTOPLASMIC. |
| FT | TRANSMEM | 630 | 655 | |
| FT | TOPO_DOM | 656 | 660 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 661 | 684 | |
| FT | TOPO_DOM | 685 | 757 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RL3R2_HUMAN

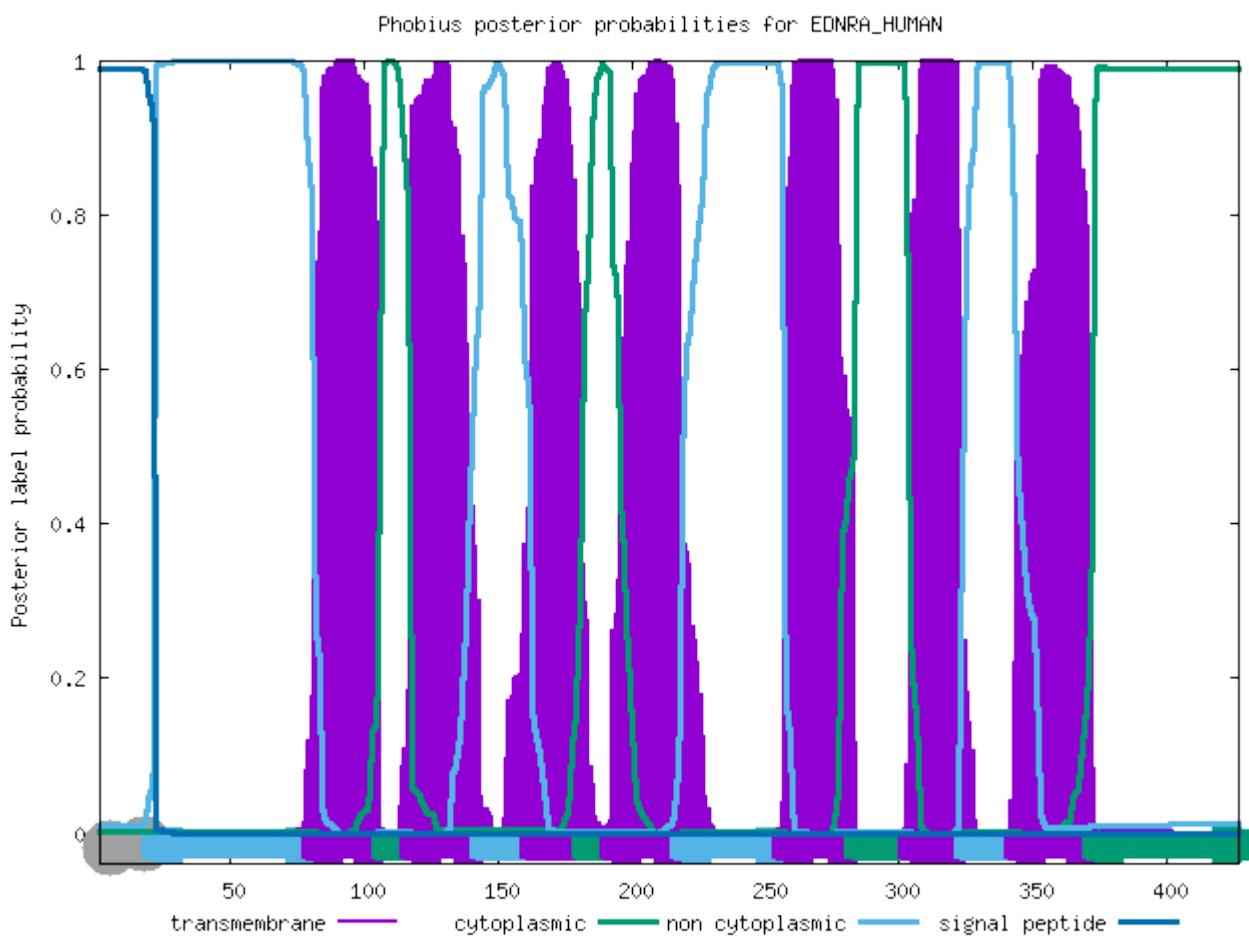
| ID | RL3R2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 67 | |
| FT | TOPO_DOM | 68 | 78 | CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 98 | |
| FT | TOPO_DOM | 99 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 142 | |
| FT | TOPO_DOM | 143 | 153 | CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 174 | |
| FT | TOPO_DOM | 175 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 230 | |
| FT | TOPO_DOM | 231 | 249 | CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 269 | |
| FT | TOPO_DOM | 270 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 312 | |
| FT | TOPO_DOM | 313 | 374 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EDNRA_HUMAN

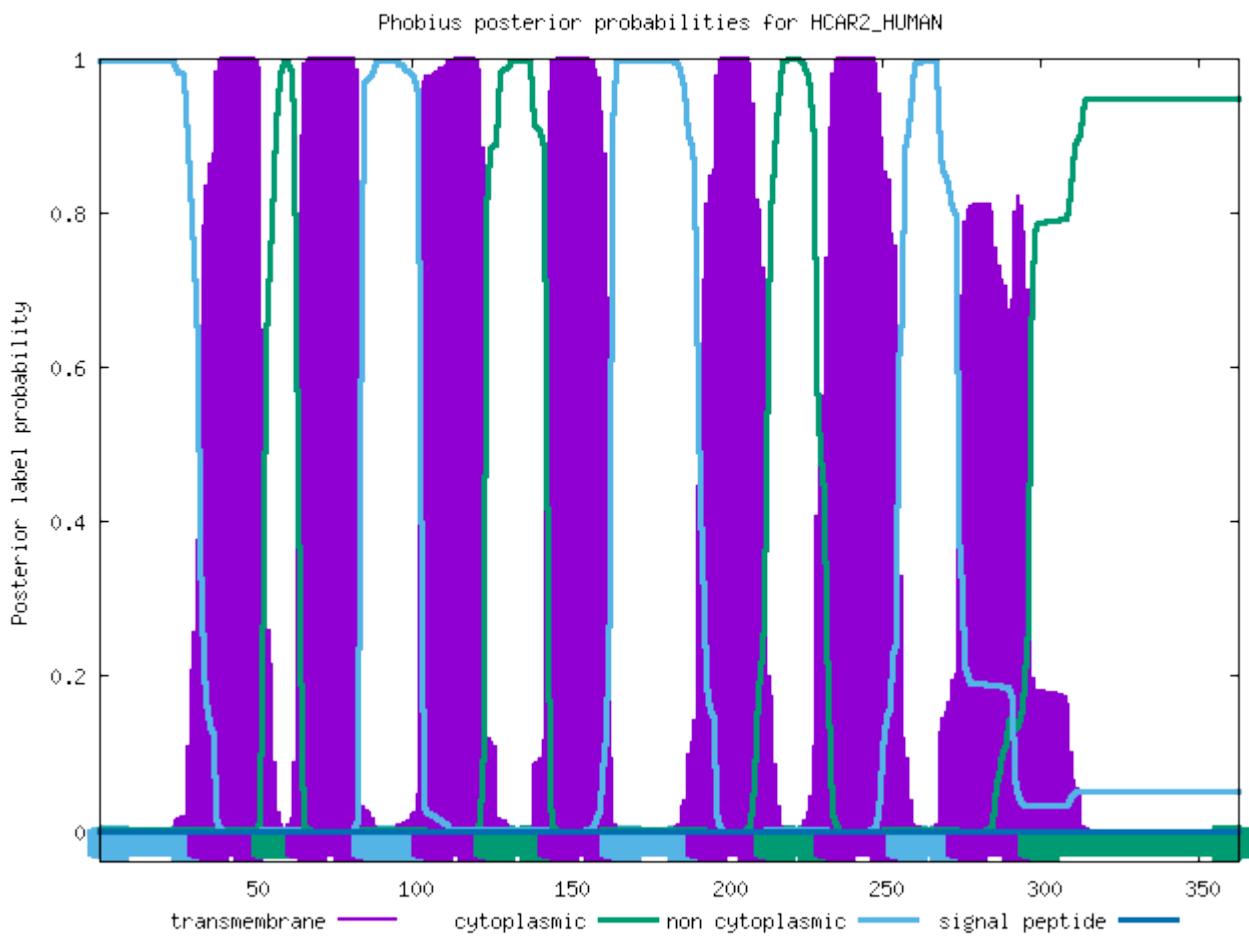
| ID | EDNRA_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 80 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 106 | |
| FT | TOPO_DOM | 107 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 143 | |
| FT | TOPO_DOM | 144 | 162 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 181 | |
| FT | TOPO_DOM | 182 | 192 | CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 218 | |
| FT | TOPO_DOM | 219 | 256 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 283 | |
| FT | TOPO_DOM | 284 | 303 | CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 324 | |
| FT | TOPO_DOM | 325 | 343 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 344 | 372 | |
| FT | TOPO_DOM | 373 | 427 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HCAR2_HUMAN

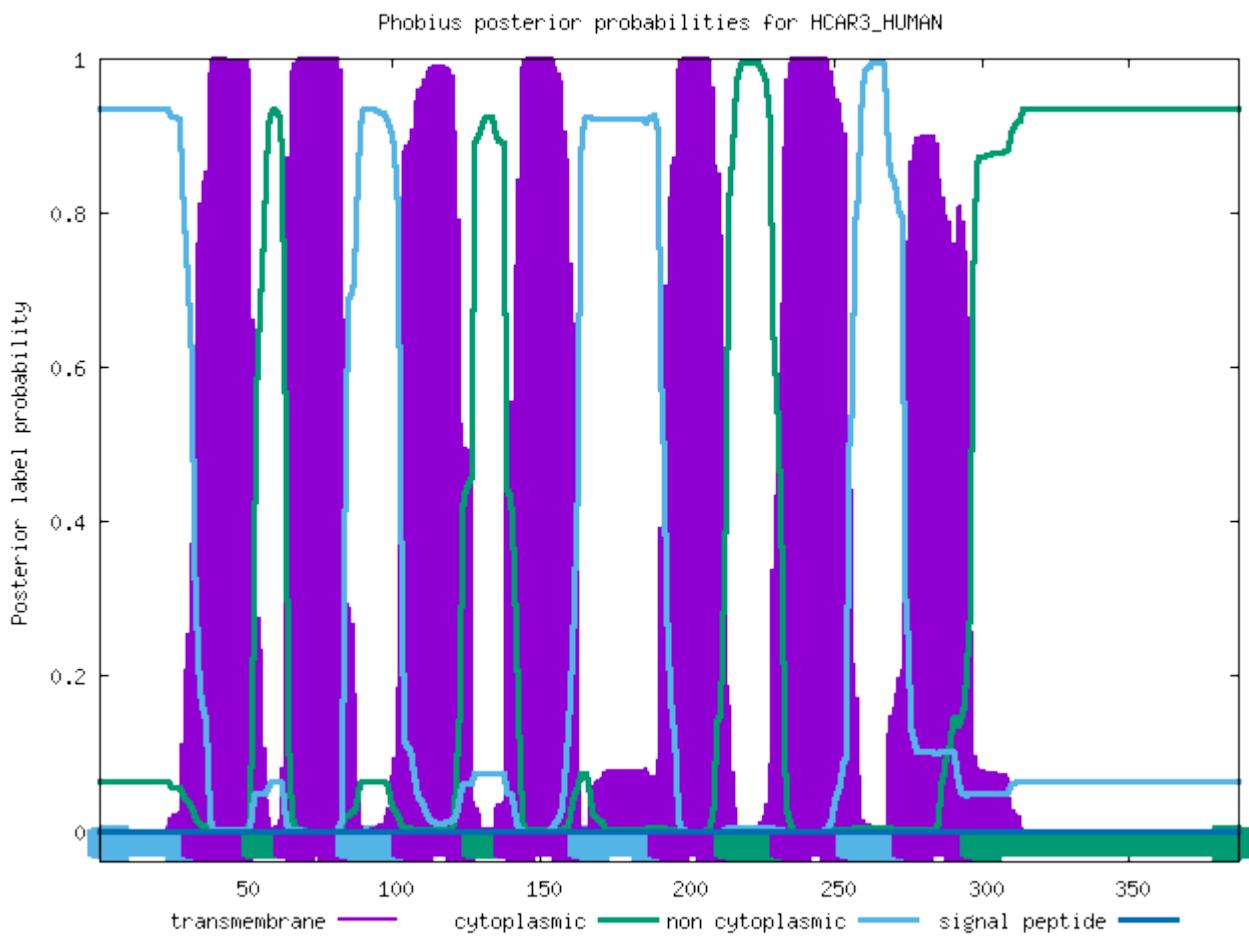
| ID | HCAR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 32 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 84 | |
| FT | TOPO_DOM | 85 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 163 | |
| FT | TOPO_DOM | 164 | 190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 212 | |
| FT | TOPO_DOM | 213 | 231 | CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 254 | |
| FT | TOPO_DOM | 255 | 273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 296 | |
| FT | TOPO_DOM | 297 | 363 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HCAR3_HUMAN

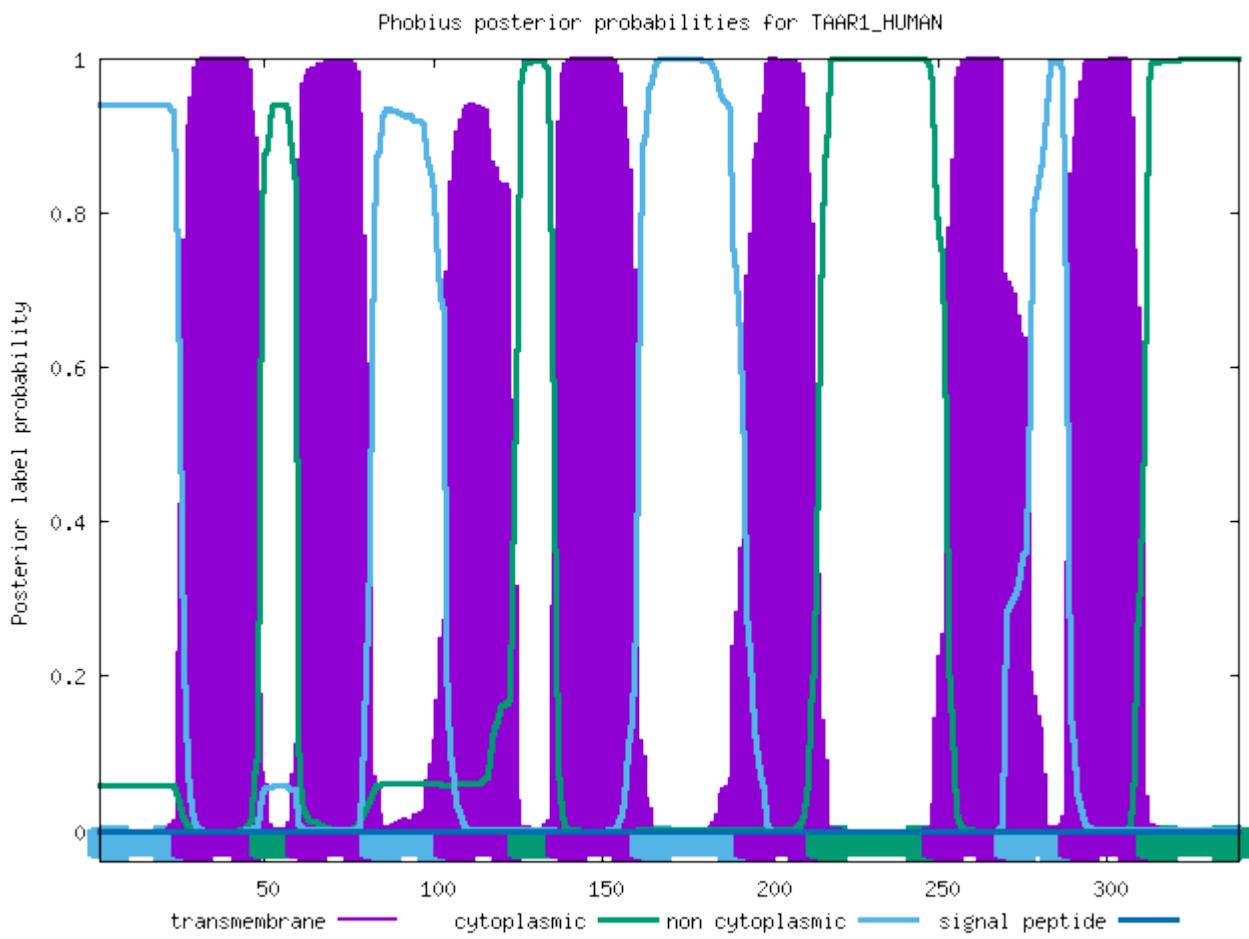
| ID | HCAR3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 32 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 33 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 84 | |
| FT | TOPO_DOM | 85 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 127 | |
| FT | TOPO_DOM | 128 | 138 | CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 163 | |
| FT | TOPO_DOM | 164 | 190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 212 | |
| FT | TOPO_DOM | 213 | 231 | CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 254 | |
| FT | TOPO_DOM | 255 | 273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 296 | |
| FT | TOPO_DOM | 297 | 387 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TAAR1_HUMAN

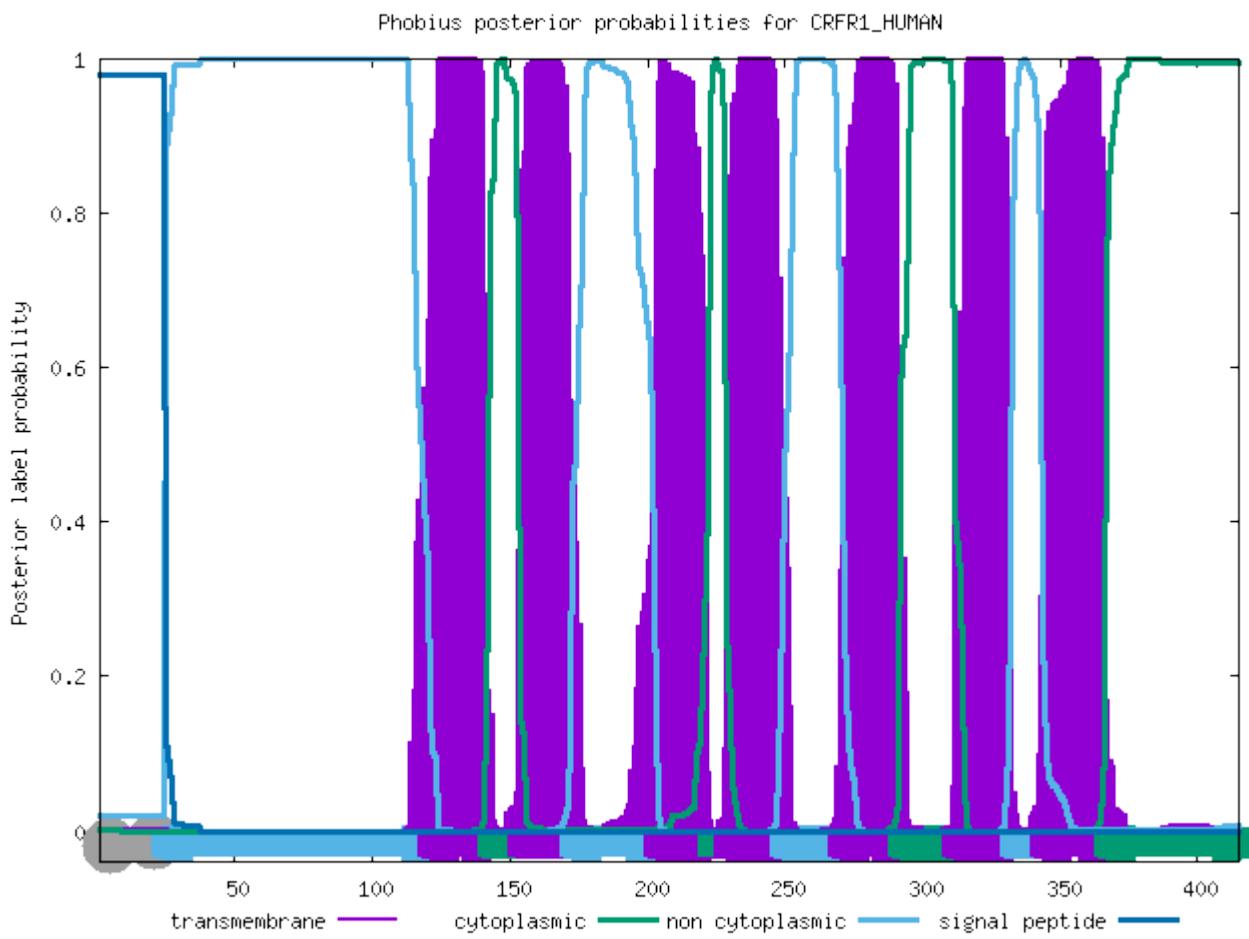
| ID | TAAR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 48 | |
| FT | TOPO_DOM | 49 | 59 | CYTOPLASMIC. |
| FT | TRANSMEM | 60 | 81 | |
| FT | TOPO_DOM | 82 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 125 | |
| FT | TOPO_DOM | 126 | 136 | CYTOPLASMIC. |
| FT | TRANSMEM | 137 | 161 | |
| FT | TOPO_DOM | 162 | 192 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 213 | |
| FT | TOPO_DOM | 214 | 248 | CYTOPLASMIC. |
| FT | TRANSMEM | 249 | 269 | |
| FT | TOPO_DOM | 270 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 311 | |
| FT | TOPO_DOM | 312 | 339 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CRFR1_HUMAN

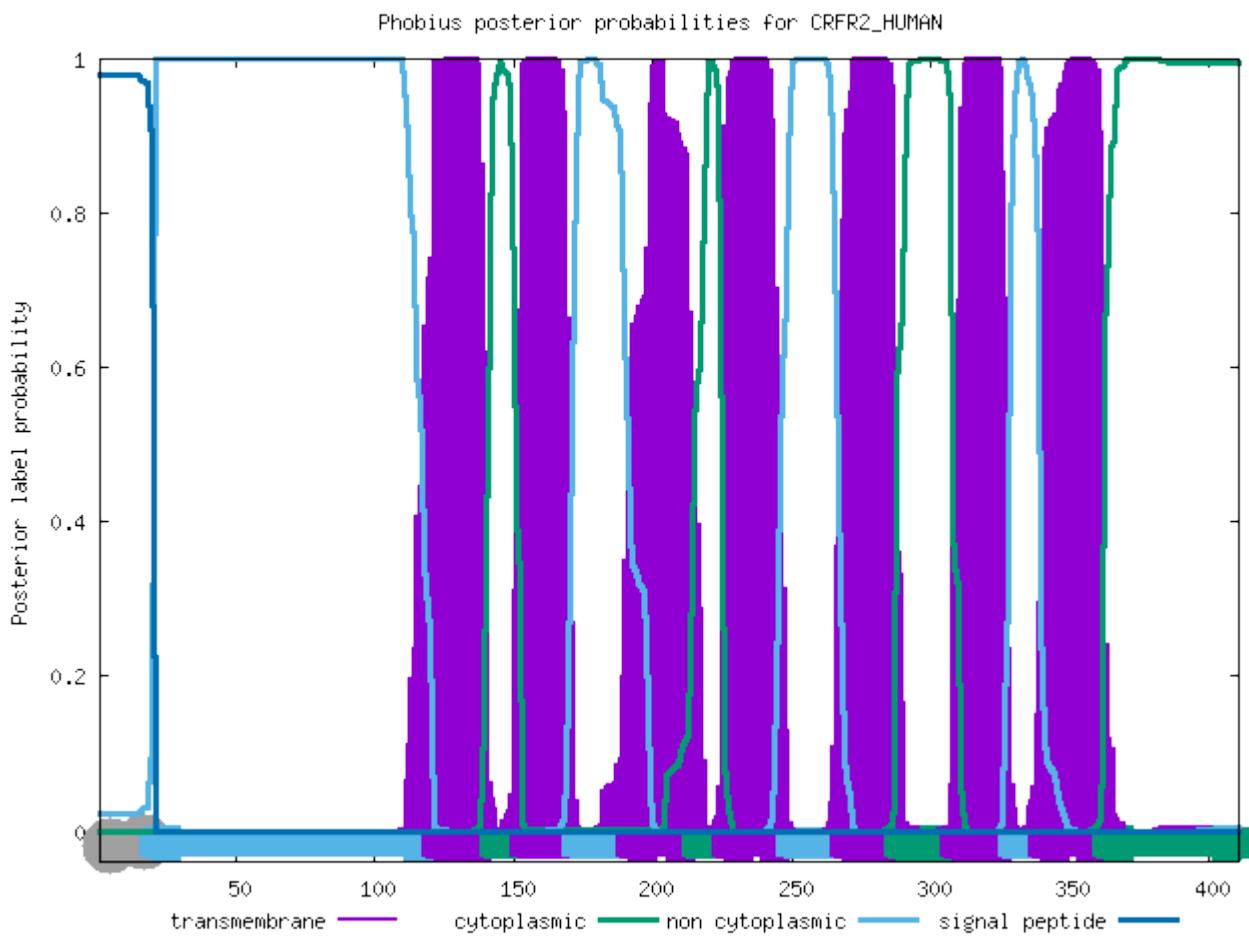
| ID | CRFR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 23 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 18 | H-REGION. |
| FT | REGION | 19 | 23 | C-REGION. |
| FT | TOPO_DOM | 24 | 120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 142 | |
| FT | TOPO_DOM | 143 | 153 | CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 172 | |
| FT | TOPO_DOM | 173 | 202 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 203 | 222 | |
| FT | TOPO_DOM | 223 | 228 | CYTOPLASMIC. |
| FT | TRANSMEM | 229 | 248 | |
| FT | TOPO_DOM | 249 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 291 | |
| FT | TOPO_DOM | 292 | 311 | CYTOPLASMIC. |
| FT | TRANSMEM | 312 | 332 | |
| FT | TOPO_DOM | 333 | 343 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 344 | 366 | |
| FT | TOPO_DOM | 367 | 415 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CRFR2_HUMAN

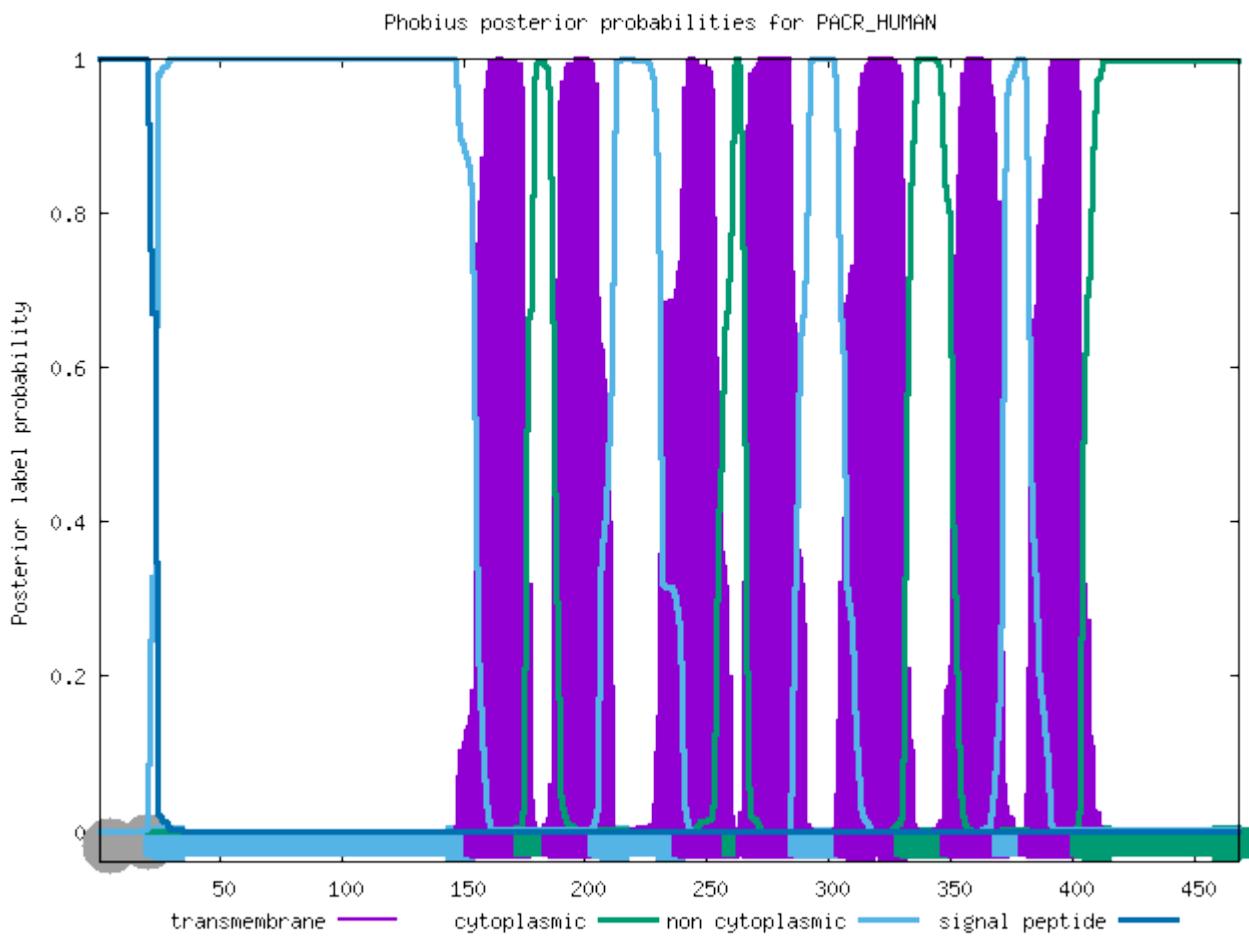
| ID | CRFR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 10 | H-REGION. |
| FT | REGION | 11 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 141 | |
| FT | TOPO_DOM | 142 | 152 | CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 171 | |
| FT | TOPO_DOM | 172 | 190 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 214 | |
| FT | TOPO_DOM | 215 | 225 | CYTOPLASMIC. |
| FT | TRANSMEM | 226 | 248 | |
| FT | TOPO_DOM | 249 | 267 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 287 | |
| FT | TOPO_DOM | 288 | 307 | CYTOPLASMIC. |
| FT | TRANSMEM | 308 | 328 | |
| FT | TOPO_DOM | 329 | 339 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 362 | |
| FT | TOPO_DOM | 363 | 411 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PACR_HUMAN

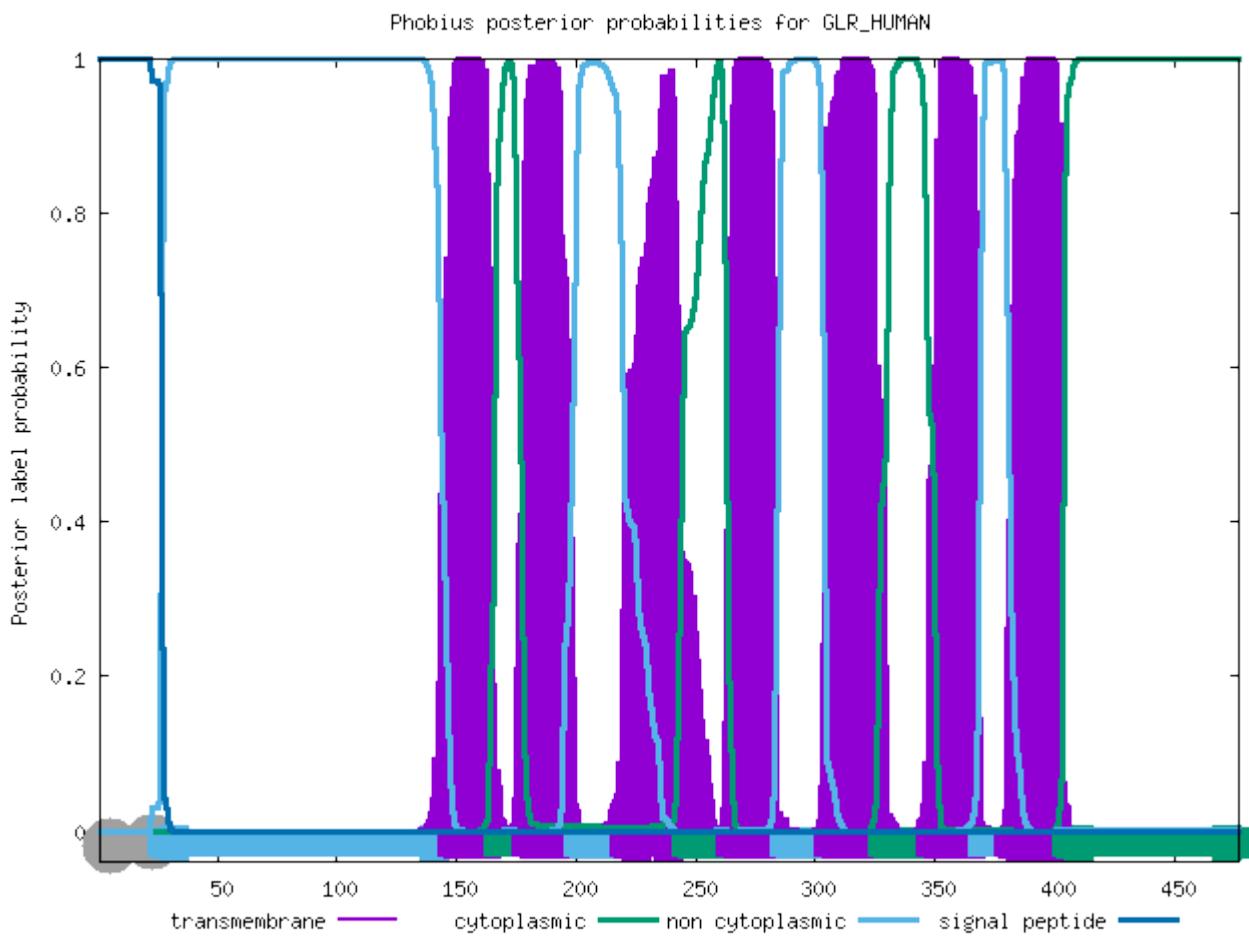
| ID | PACR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 23 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 23 | C-REGION. |
| FT | TOPO_DOM | 24 | 154 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 175 | |
| FT | TOPO_DOM | 176 | 186 | CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 205 | |
| FT | TOPO_DOM | 206 | 240 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 260 | |
| FT | TOPO_DOM | 261 | 266 | CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 287 | |
| FT | TOPO_DOM | 288 | 306 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 331 | |
| FT | TOPO_DOM | 332 | 350 | CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 371 | |
| FT | TOPO_DOM | 372 | 382 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 403 | |
| FT | TOPO_DOM | 404 | 468 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLR_HUMAN

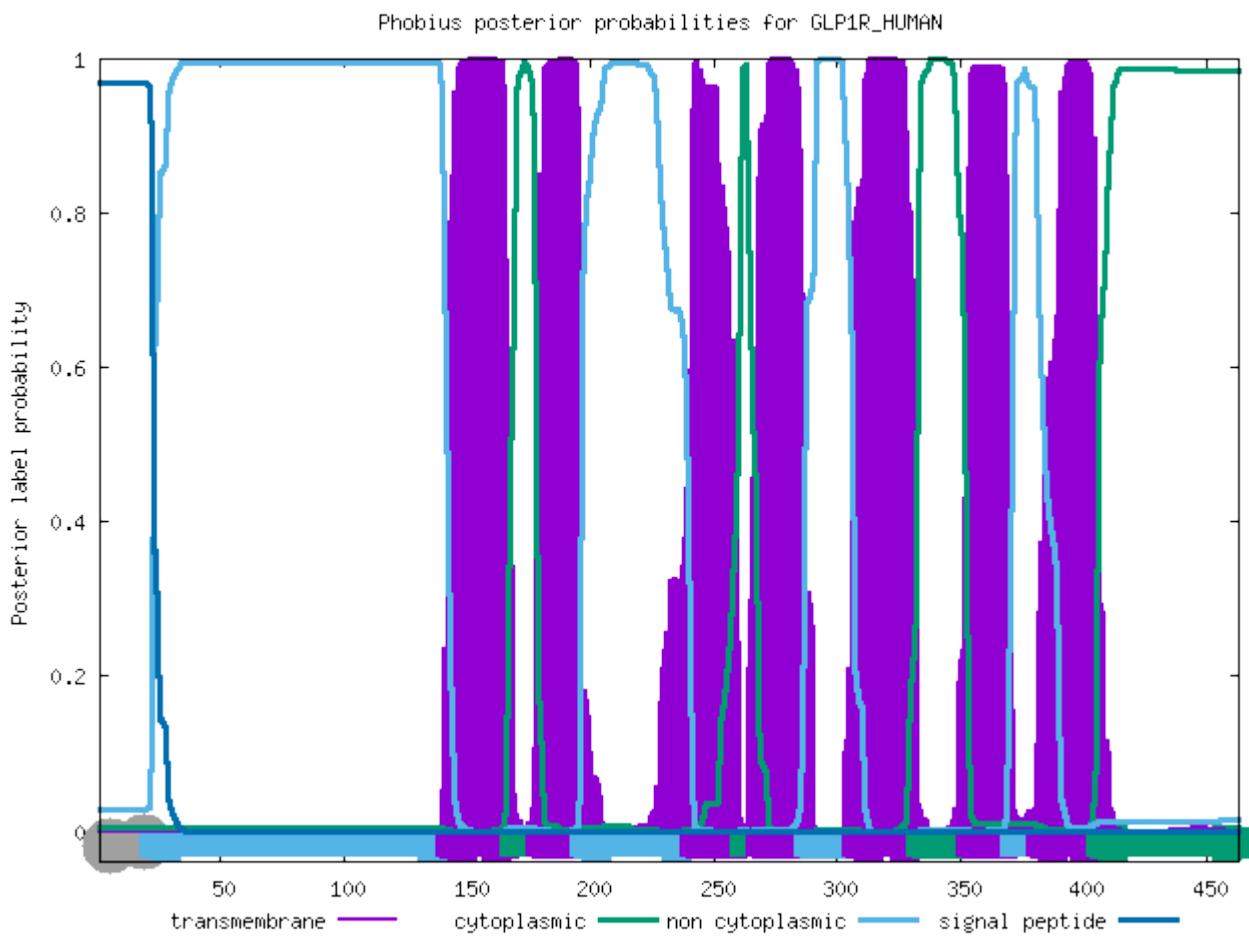
| ID | GLR_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 20 | H-REGION. |
| FT | REGION | 21 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 146 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 147 | 166 | |
| FT | TOPO_DOM | 167 | 177 | CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 199 | |
| FT | TOPO_DOM | 200 | 218 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 219 | 244 | |
| FT | TOPO_DOM | 245 | 263 | CYTOPLASMIC. |
| FT | TRANSMEM | 264 | 285 | |
| FT | TOPO_DOM | 286 | 304 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 326 | |
| FT | TOPO_DOM | 327 | 346 | CYTOPLASMIC. |
| FT | TRANSMEM | 347 | 368 | |
| FT | TOPO_DOM | 369 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 403 | |
| FT | TOPO_DOM | 404 | 477 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLP1R_HUMAN

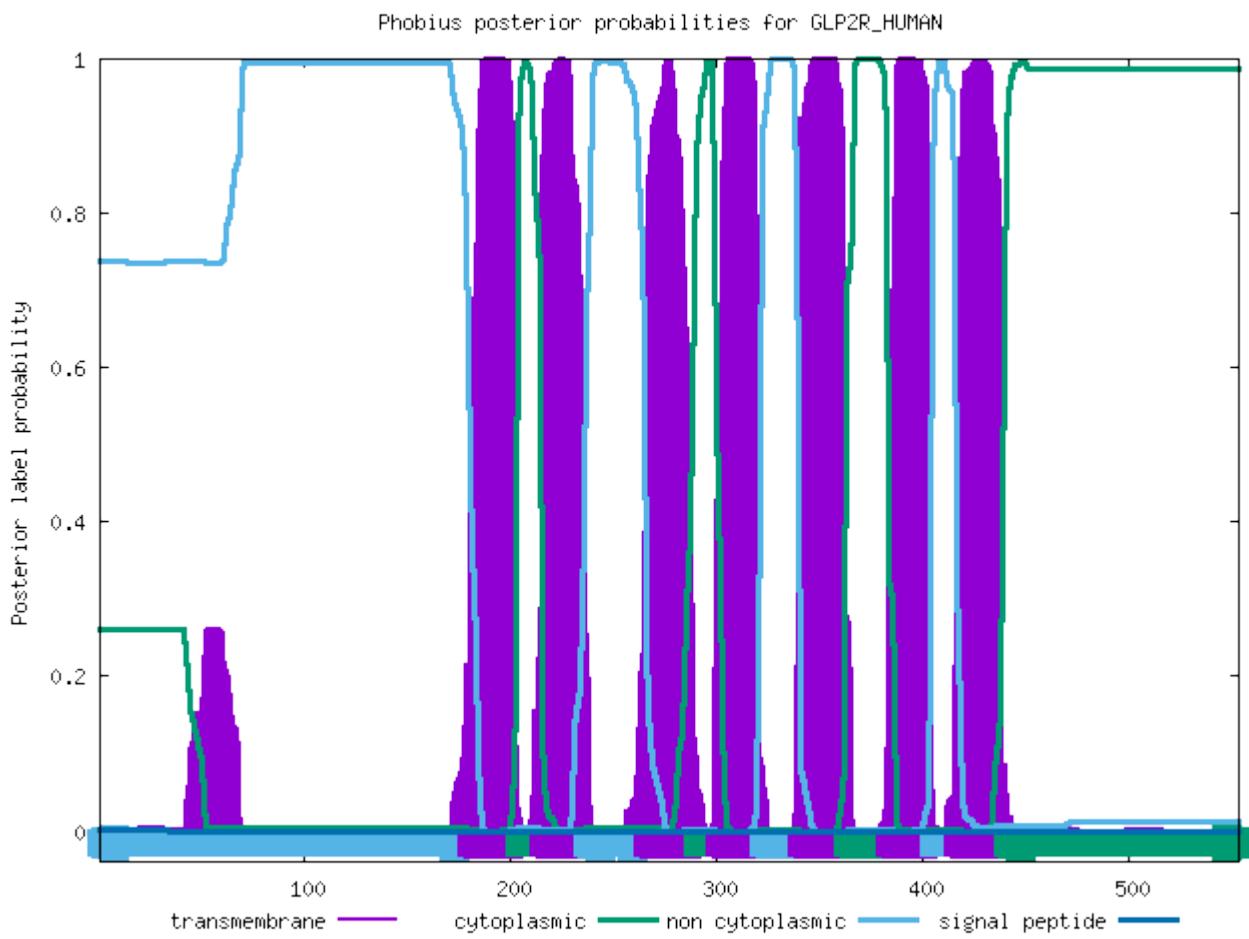
| ID | GLP1R_HUMAN | | |
|----|-------------|-----|-----|
| FT | SIGNAL | 1 | 21 |
| FT | REGION | 1 | 9 |
| FT | REGION | 10 | 17 |
| FT | REGION | 18 | 21 |
| FT | TOPO_DOM | 22 | 141 |
| FT | TRANSMEM | 142 | 167 |
| FT | TOPO_DOM | 168 | 178 |
| FT | TRANSMEM | 179 | 196 |
| FT | TOPO_DOM | 197 | 240 |
| FT | TRANSMEM | 241 | 261 |
| FT | TOPO_DOM | 262 | 267 |
| FT | TRANSMEM | 268 | 287 |
| FT | TOPO_DOM | 288 | 306 |
| FT | TRANSMEM | 307 | 332 |
| FT | TOPO_DOM | 333 | 352 |
| FT | TRANSMEM | 353 | 370 |
| FT | TOPO_DOM | 371 | 381 |
| FT | TRANSMEM | 382 | 405 |
| FT | TOPO_DOM | 406 | 463 |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLP2R_HUMAN

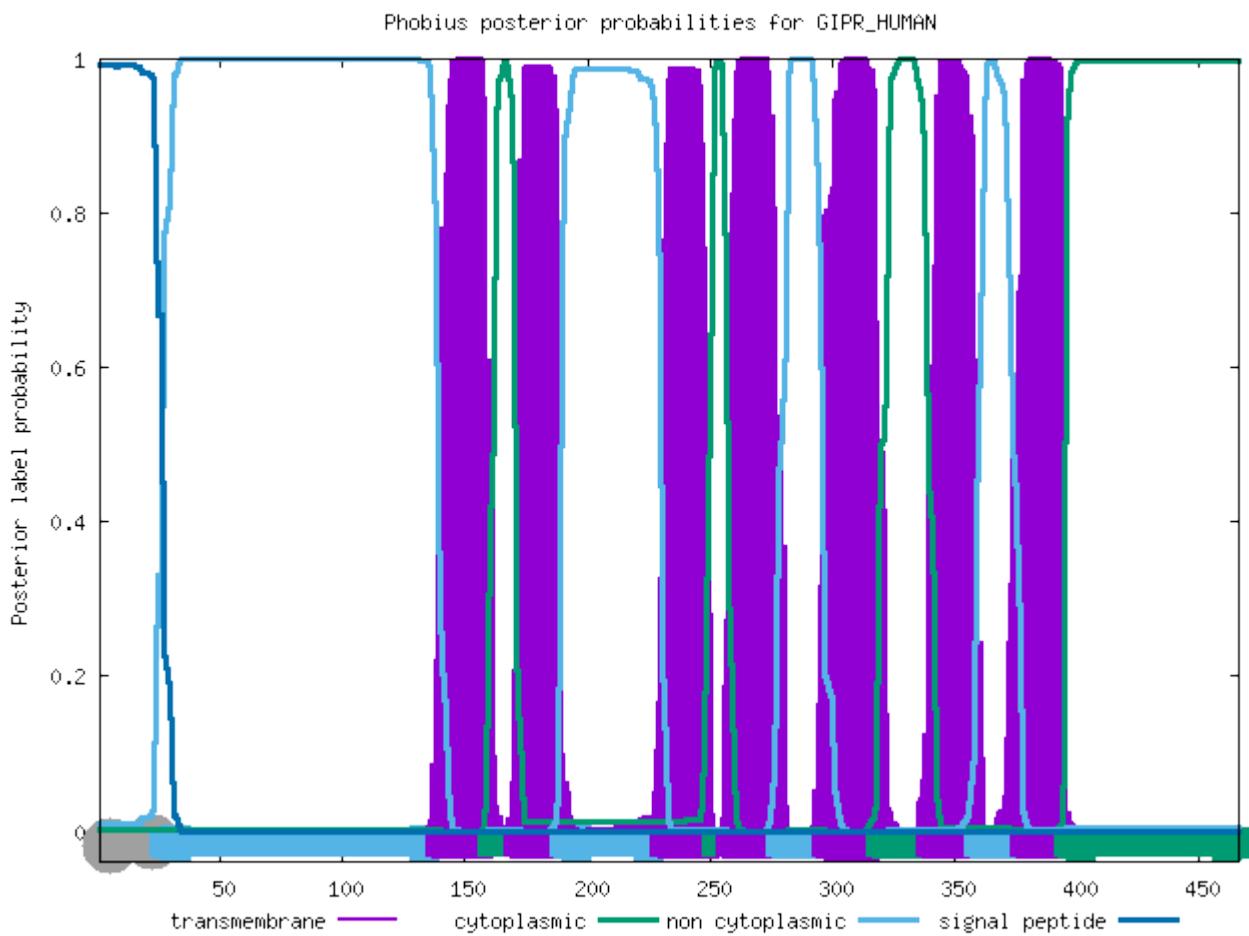
| ID | GLP2R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 179 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 180 | 203 | |
| FT | TOPO_DOM | 204 | 214 | CYTOPLASMIC. |
| FT | TRANSMEM | 215 | 236 | |
| FT | TOPO_DOM | 237 | 265 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 289 | |
| FT | TOPO_DOM | 290 | 300 | CYTOPLASMIC. |
| FT | TRANSMEM | 301 | 321 | |
| FT | TOPO_DOM | 322 | 340 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 362 | |
| FT | TOPO_DOM | 363 | 382 | CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 404 | |
| FT | TOPO_DOM | 405 | 415 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 416 | 439 | |
| FT | TOPO_DOM | 440 | 553 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GIPR_HUMAN

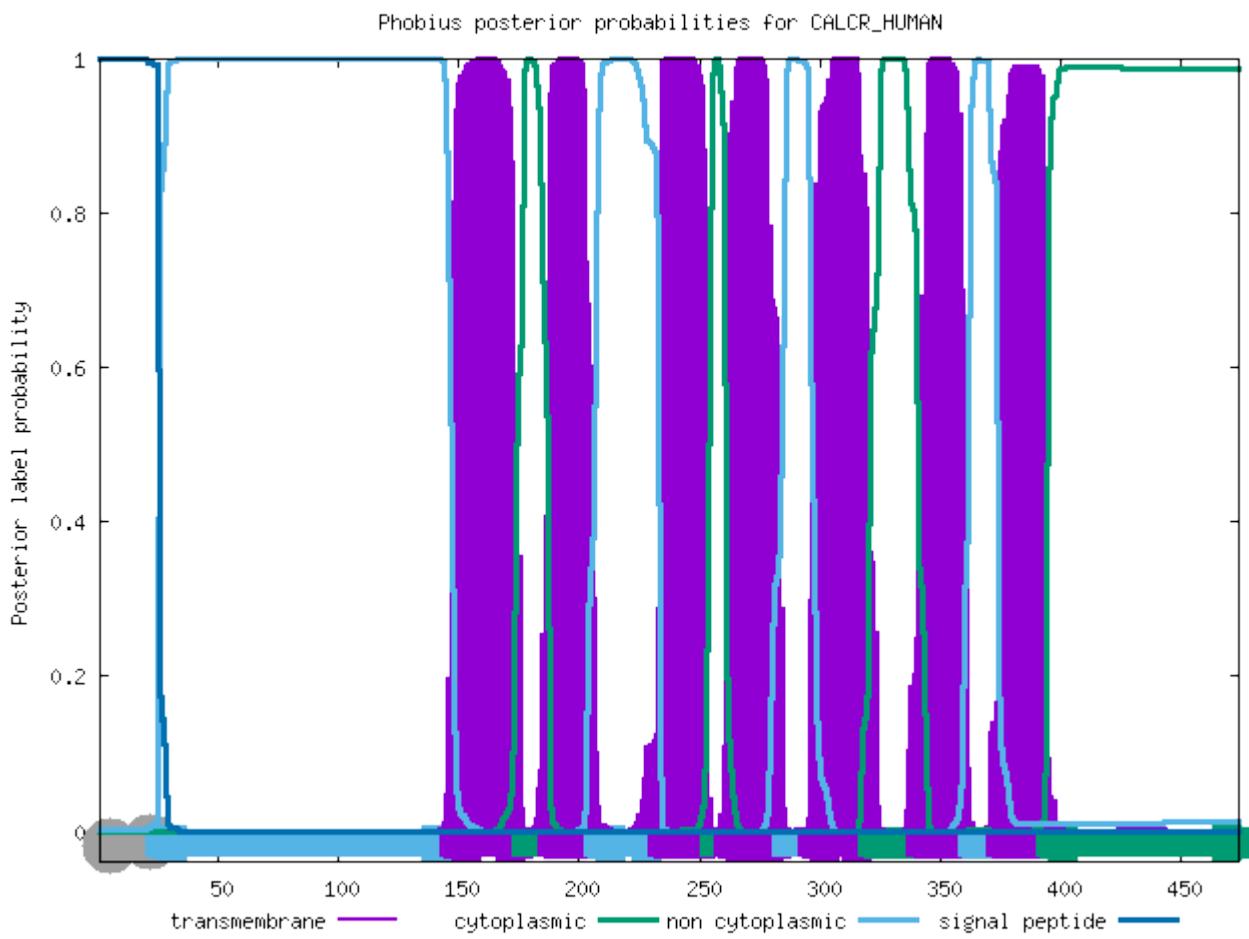
| ID | GIPR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 20 | H-REGION. |
| FT | REGION | 21 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 159 | |
| FT | TOPO_DOM | 160 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 189 | |
| FT | TOPO_DOM | 190 | 230 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 251 | |
| FT | TOPO_DOM | 252 | 257 | CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 277 | |
| FT | TOPO_DOM | 278 | 296 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 297 | 318 | |
| FT | TOPO_DOM | 319 | 338 | CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 358 | |
| FT | TOPO_DOM | 359 | 377 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 378 | 395 | |
| FT | TOPO_DOM | 396 | 466 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CALCR_HUMAN

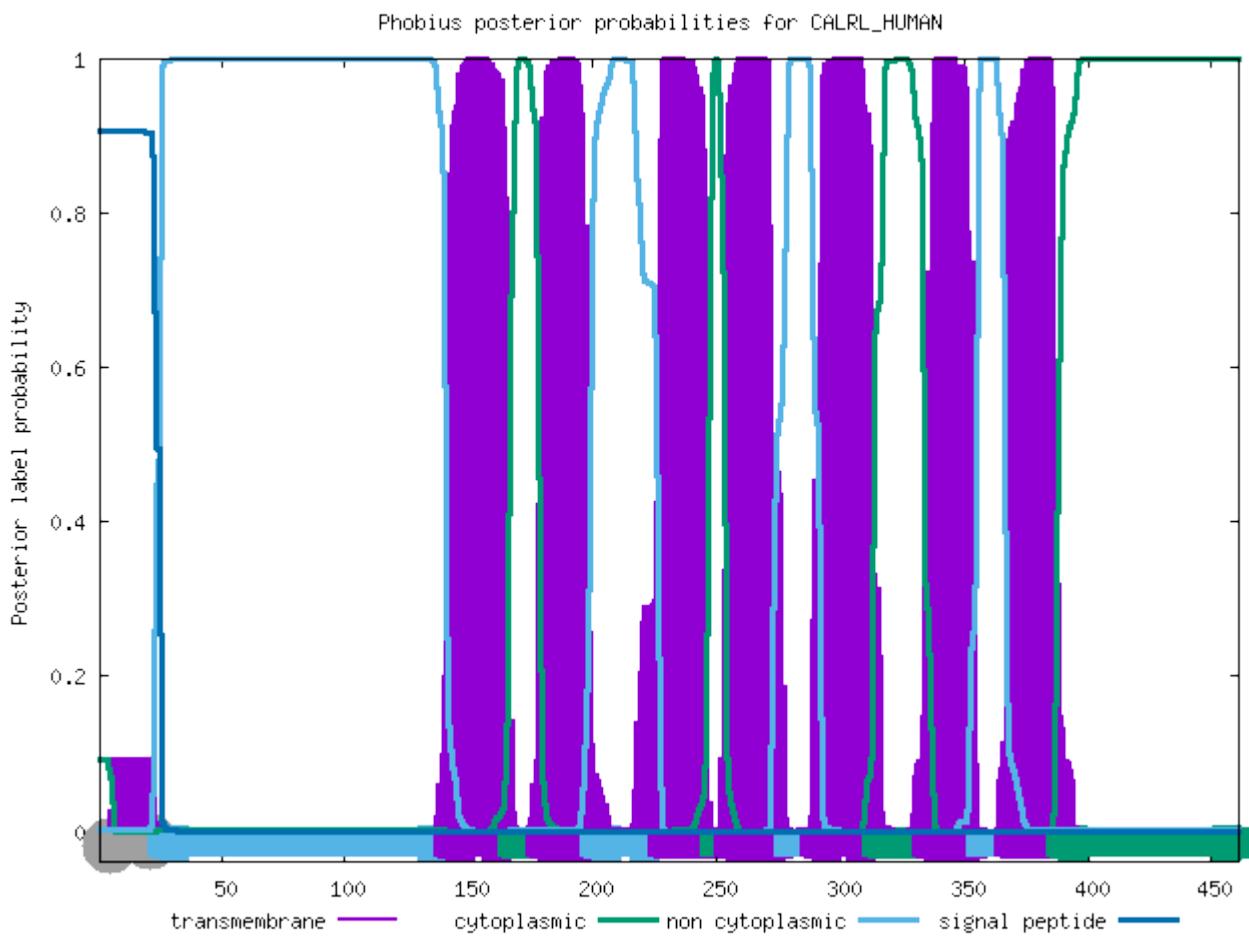
| ID | CALCR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 16 | H-REGION. |
| FT | REGION | 17 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 146 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 147 | 176 | |
| FT | TOPO_DOM | 177 | 187 | CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 206 | |
| FT | TOPO_DOM | 207 | 233 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 254 | |
| FT | TOPO_DOM | 255 | 260 | CYTOPLASMIC. |
| FT | TRANSMEM | 261 | 284 | |
| FT | TOPO_DOM | 285 | 295 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 320 | |
| FT | TOPO_DOM | 321 | 340 | CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 362 | |
| FT | TOPO_DOM | 363 | 373 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 374 | 394 | |
| FT | TOPO_DOM | 395 | 474 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CALRL_HUMAN

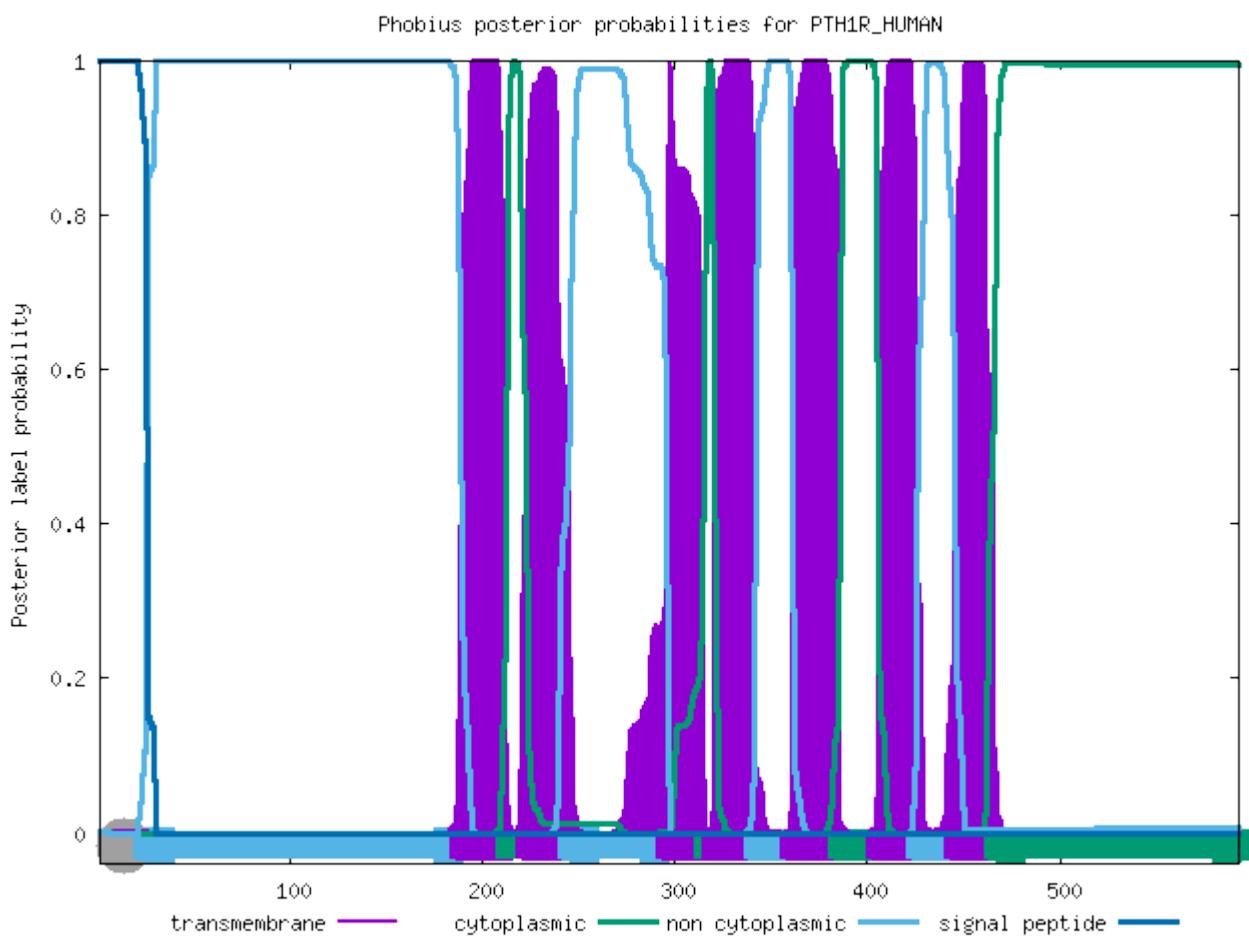
| ID | CALRL_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 140 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 166 | |
| FT | TOPO_DOM | 167 | 177 | CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 199 | |
| FT | TOPO_DOM | 200 | 226 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 247 | |
| FT | TOPO_DOM | 248 | 253 | CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 277 | |
| FT | TOPO_DOM | 278 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 313 | |
| FT | TOPO_DOM | 314 | 333 | CYTOPLASMIC. |
| FT | TRANSMEM | 334 | 355 | |
| FT | TOPO_DOM | 356 | 366 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 367 | 387 | |
| FT | TOPO_DOM | 388 | 461 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PTH1R_HUMAN

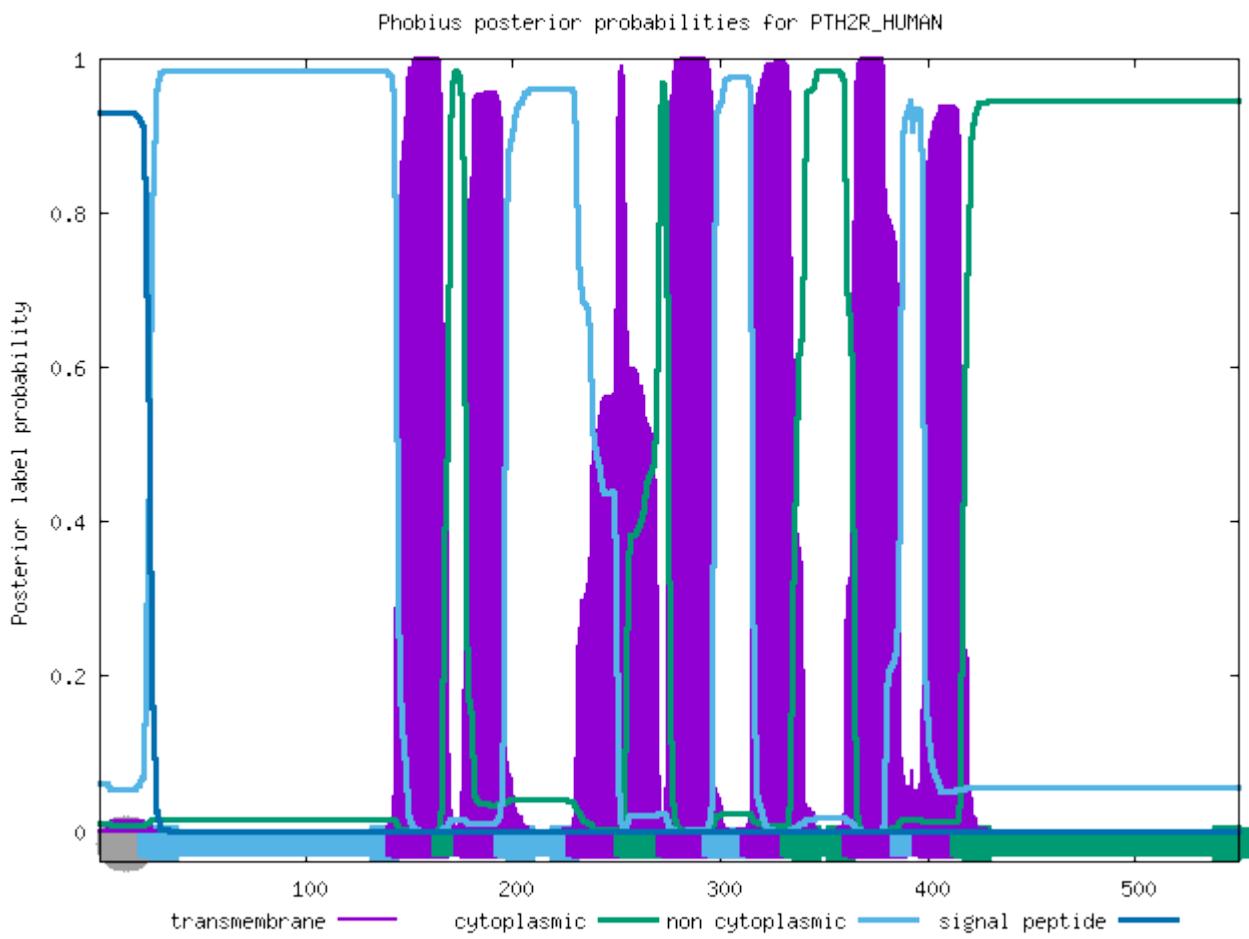
| ID | PTH1R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 8 | N-REGION. |
| FT | REGION | 9 | 19 | H-REGION. |
| FT | REGION | 20 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 212 | |
| FT | TOPO_DOM | 213 | 223 | CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 245 | |
| FT | TOPO_DOM | 246 | 295 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 315 | |
| FT | TOPO_DOM | 316 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 341 | |
| FT | TOPO_DOM | 342 | 360 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 361 | 385 | |
| FT | TOPO_DOM | 386 | 405 | CYTOPLASMIC. |
| FT | TRANSMEM | 406 | 426 | |
| FT | TOPO_DOM | 427 | 445 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 446 | 466 | |
| FT | TOPO_DOM | 467 | 593 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PTH2R_HUMAN

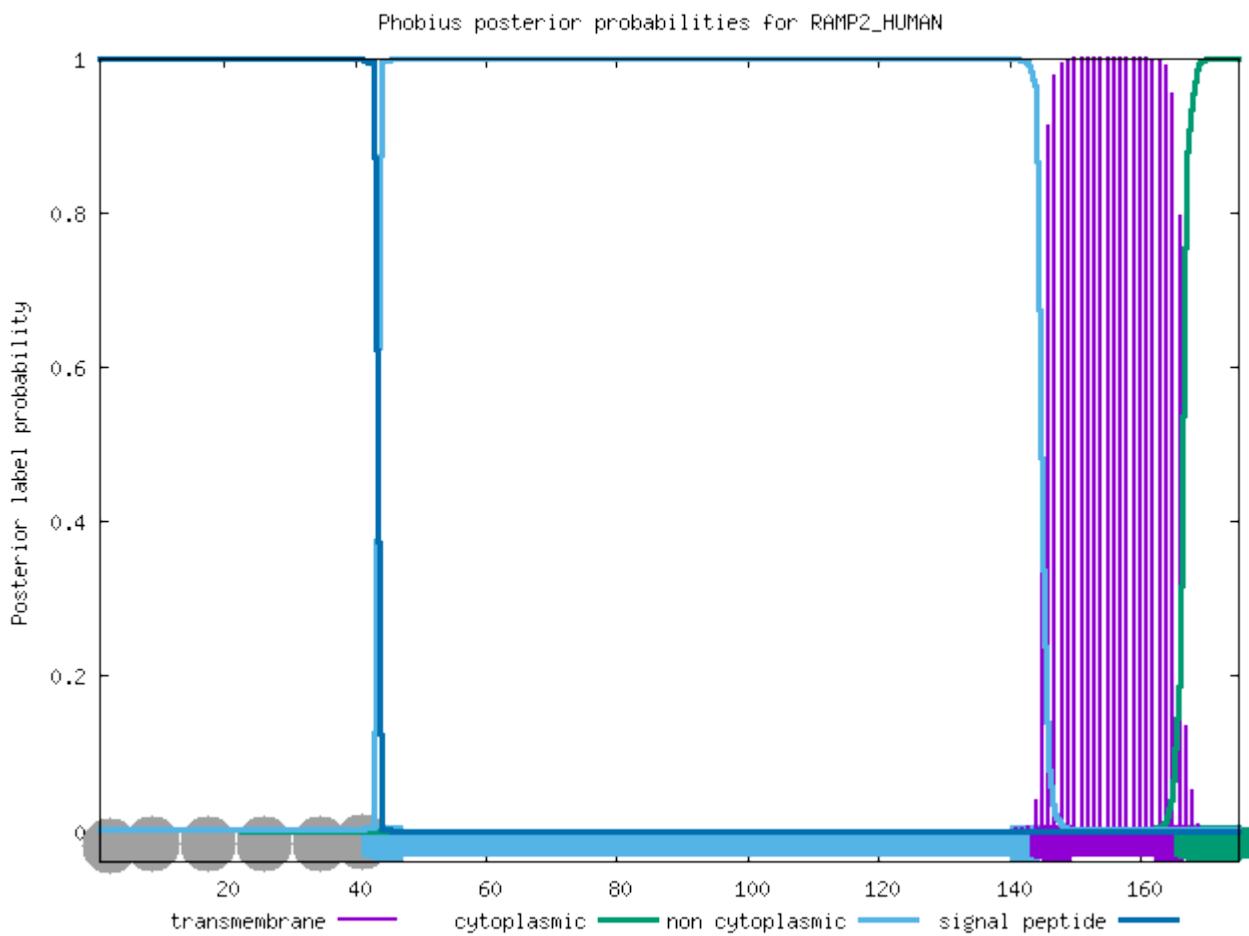
| ID | PTH2R_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 16 | H-REGION. |
| FT | REGION | 17 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 144 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 145 | 166 | |
| FT | TOPO_DOM | 167 | 177 | CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 196 | |
| FT | TOPO_DOM | 197 | 231 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 254 | |
| FT | TOPO_DOM | 255 | 274 | CYTOPLASMIC. |
| FT | TRANSMEM | 275 | 296 | |
| FT | TOPO_DOM | 297 | 315 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 316 | 334 | |
| FT | TOPO_DOM | 335 | 364 | CYTOPLASMIC. |
| FT | TRANSMEM | 365 | 387 | |
| FT | TOPO_DOM | 388 | 398 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 399 | 416 | |
| FT | TOPO_DOM | 417 | 550 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RAMP2_HUMAN

| ID | RAMP2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 42 | |
| FT | REGION | 1 | 22 | N-REGION. |
| FT | REGION | 23 | 34 | H-REGION. |
| FT | REGION | 35 | 42 | C-REGION. |
| FT | TOPO_DOM | 43 | 144 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 145 | 166 | |
| FT | TOPO_DOM | 167 | 175 | CYTOPLASMIC. |
| // | | | | |

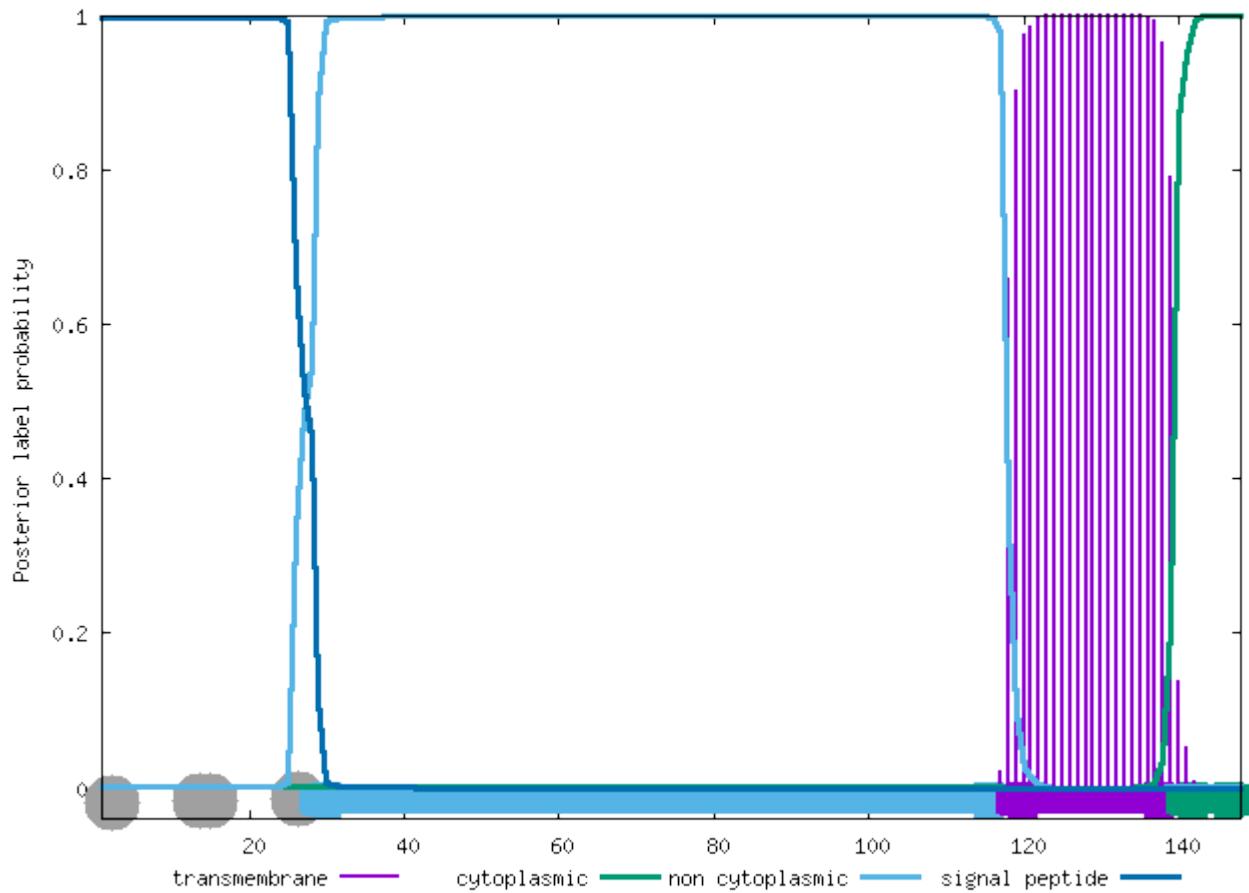


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RAMP3_HUMAN

| ID | RAMP3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 27 | |
| FT | REGION | 1 | 10 | N-REGION. |
| FT | REGION | 11 | 22 | H-REGION. |
| FT | REGION | 23 | 27 | C-REGION. |
| FT | TOPO_DOM | 28 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 148 | CYTOPLASMIC. |
| // | | | | |

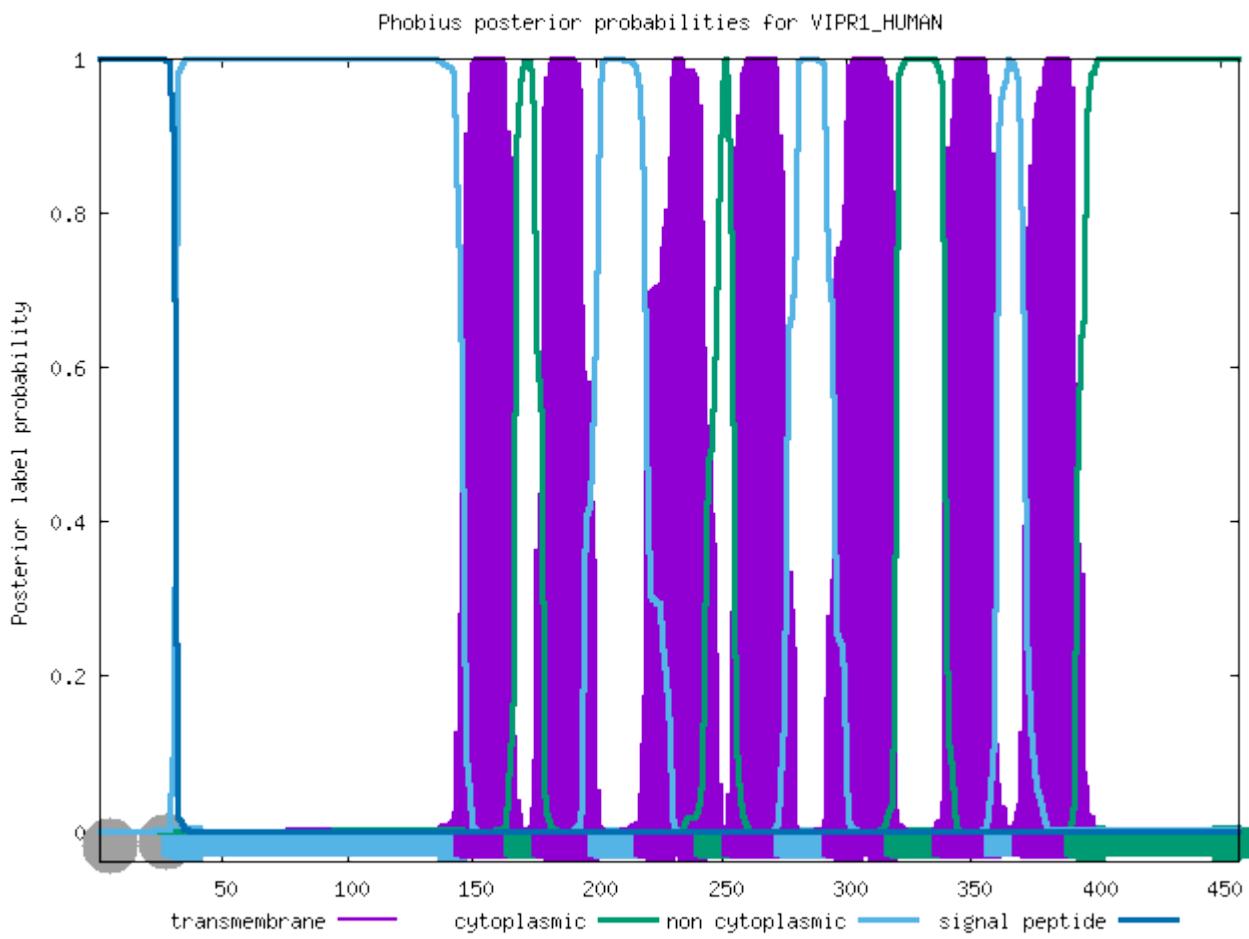
Phobius posterior probabilities for RAMP3_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VIPR1_HUMAN

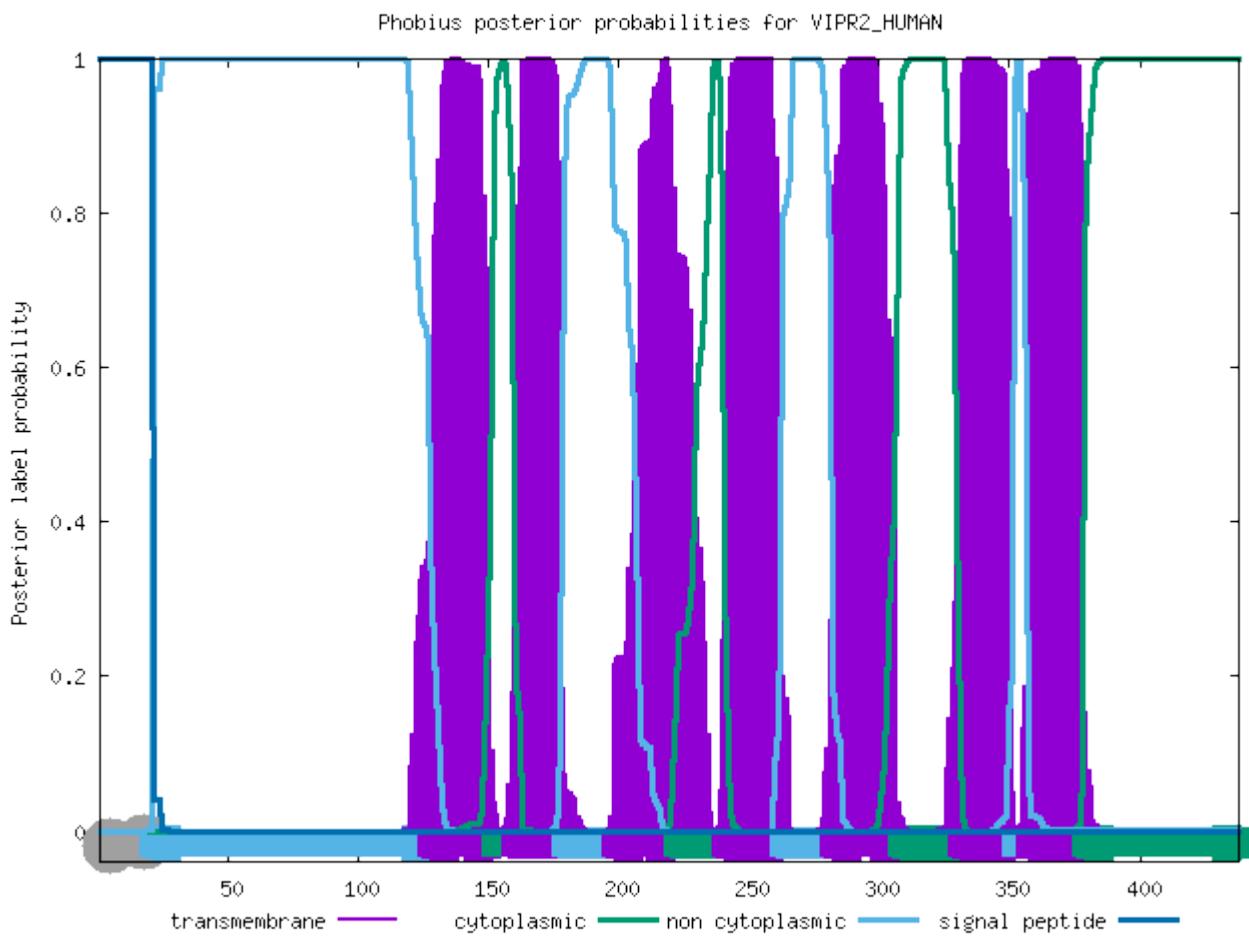
| ID | VIPR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 30 | |
| FT | REGION | 1 | 11 | N-REGION. |
| FT | REGION | 12 | 23 | H-REGION. |
| FT | REGION | 24 | 30 | C-REGION. |
| FT | TOPO_DOM | 31 | 147 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 167 | |
| FT | TOPO_DOM | 168 | 178 | CYTOPLASMIC. |
| FT | TRANSMEM | 179 | 200 | |
| FT | TOPO_DOM | 201 | 219 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 220 | 243 | |
| FT | TOPO_DOM | 244 | 254 | CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 275 | |
| FT | TOPO_DOM | 276 | 294 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 295 | 319 | |
| FT | TOPO_DOM | 320 | 338 | CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 359 | |
| FT | TOPO_DOM | 360 | 370 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 371 | 391 | |
| FT | TOPO_DOM | 392 | 457 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VIPR2_HUMAN

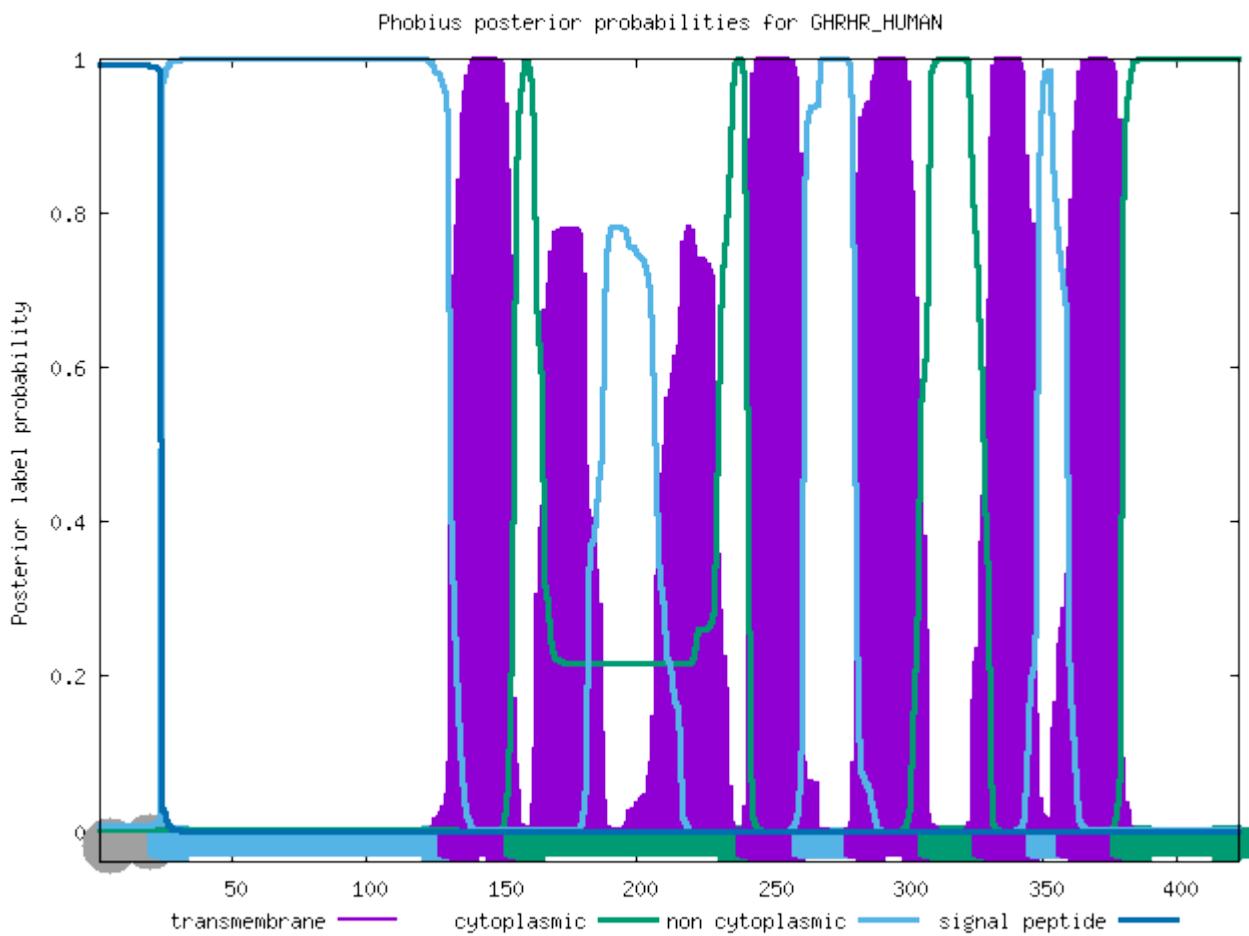
| ID | VIPR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 151 | |
| FT | TOPO_DOM | 152 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 178 | |
| FT | TOPO_DOM | 179 | 197 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 198 | 221 | |
| FT | TOPO_DOM | 222 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 262 | |
| FT | TOPO_DOM | 263 | 281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 307 | |
| FT | TOPO_DOM | 308 | 330 | CYTOPLASMIC. |
| FT | TRANSMEM | 331 | 351 | |
| FT | TOPO_DOM | 352 | 356 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 378 | |
| FT | TOPO_DOM | 379 | 438 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GHRHR_HUMAN

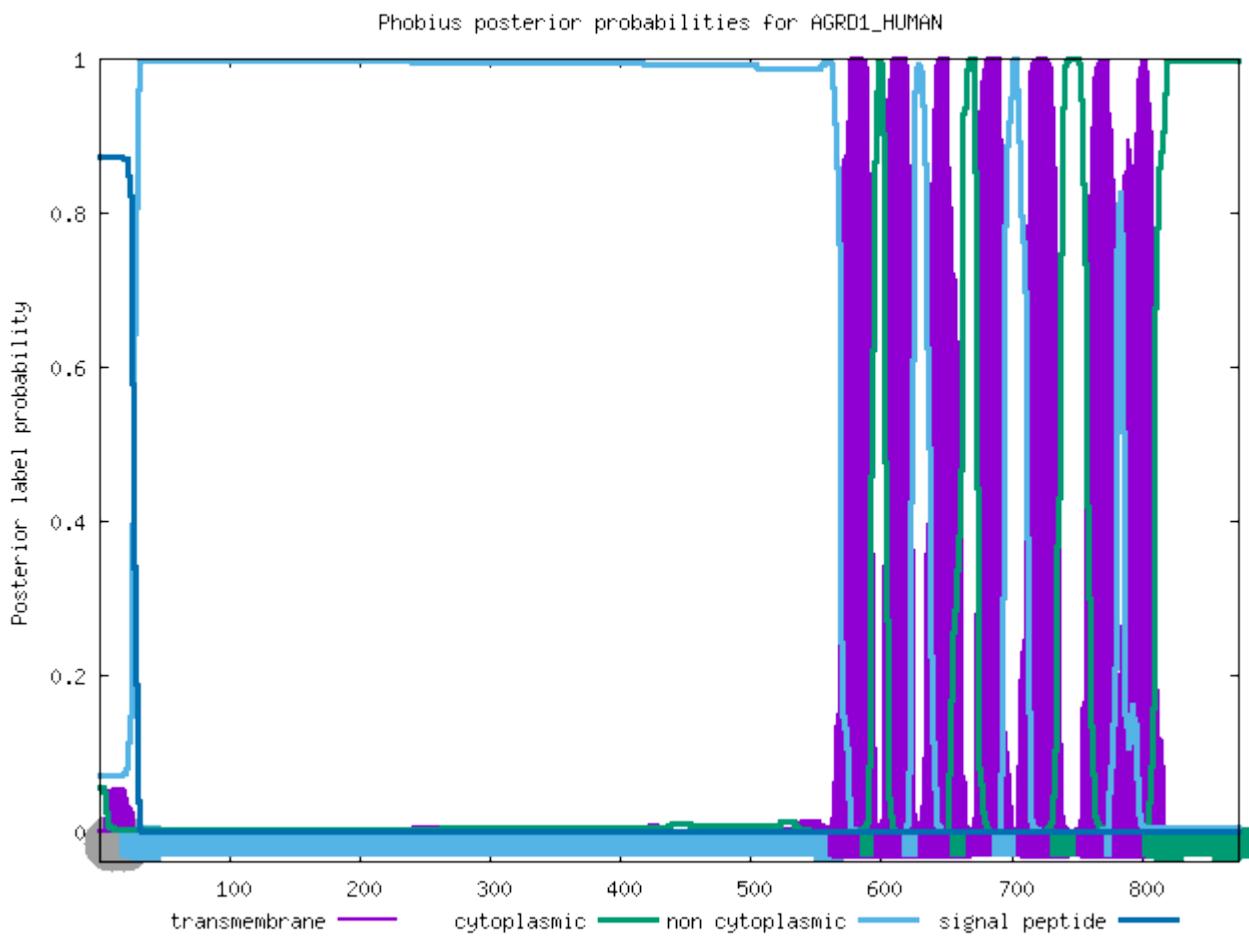
| ID | GHRHR_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 130 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 131 | 154 | |
| FT | TOPO_DOM | 155 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 261 | |
| FT | TOPO_DOM | 262 | 280 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 308 | |
| FT | TOPO_DOM | 309 | 328 | CYTOPLASMIC. |
| FT | TRANSMEM | 329 | 348 | |
| FT | TOPO_DOM | 349 | 359 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 360 | 379 | |
| FT | TOPO_DOM | 380 | 423 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGRD1_HUMAN

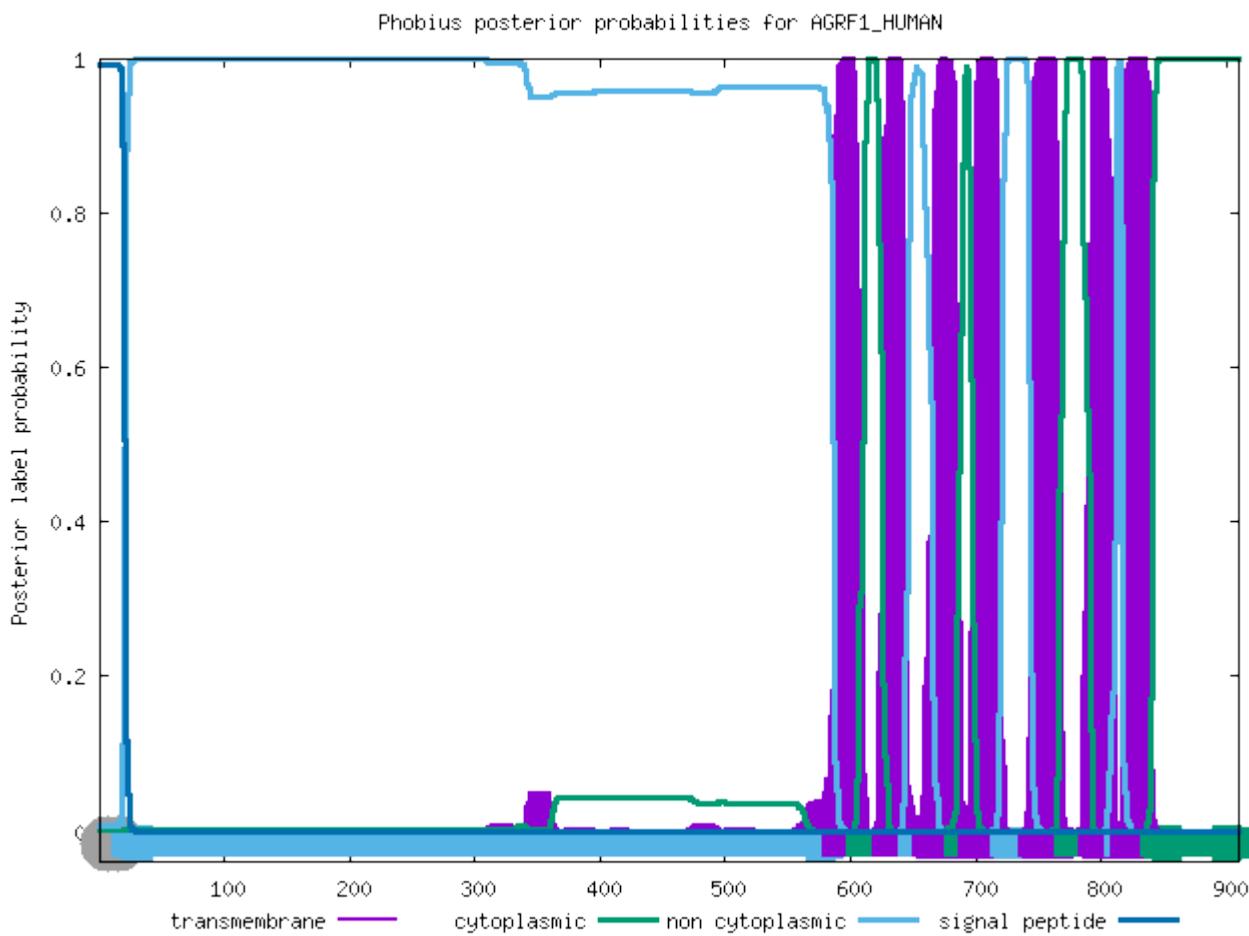
| ID | AGRD1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 25 | |
| FT | REGION | 1 | 6 | N-REGION. |
| FT | REGION | 7 | 17 | H-REGION. |
| FT | REGION | 18 | 25 | C-REGION. |
| FT | TOPO_DOM | 26 | 568 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 569 | 592 | |
| FT | TOPO_DOM | 593 | 603 | CYTOPLASMIC. |
| FT | TRANSMEM | 604 | 625 | |
| FT | TOPO_DOM | 626 | 636 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 637 | 662 | |
| FT | TOPO_DOM | 663 | 673 | CYTOPLASMIC. |
| FT | TRANSMEM | 674 | 693 | |
| FT | TOPO_DOM | 694 | 712 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 713 | 738 | |
| FT | TOPO_DOM | 739 | 758 | CYTOPLASMIC. |
| FT | TRANSMEM | 759 | 780 | |
| FT | TOPO_DOM | 781 | 785 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 786 | 809 | |
| FT | TOPO_DOM | 810 | 874 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGRF1_HUMAN

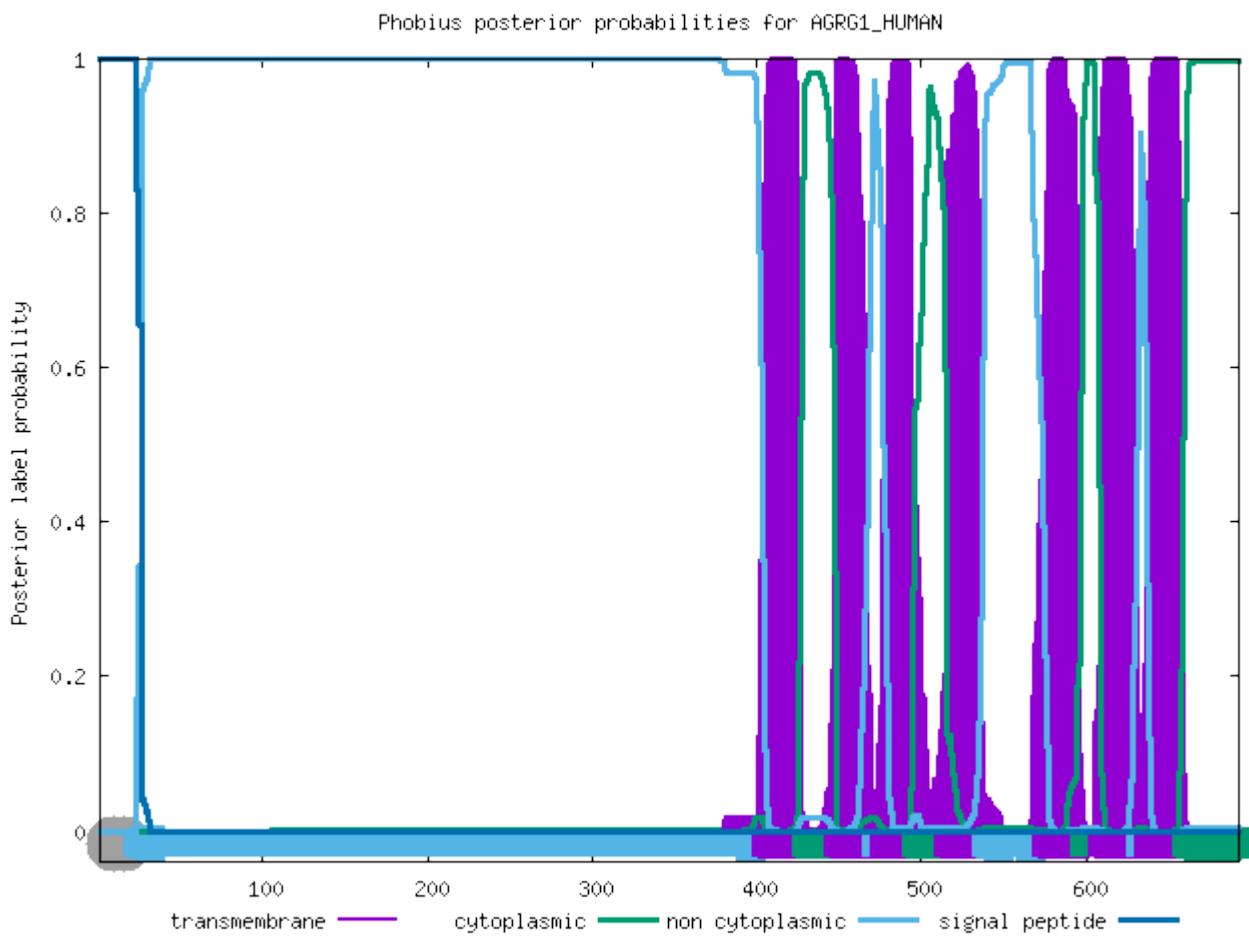
| ID | AGRF1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 586 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 587 | 606 | |
| FT | TOPO_DOM | 607 | 626 | CYTOPLASMIC. |
| FT | TRANSMEM | 627 | 647 | |
| FT | TOPO_DOM | 648 | 658 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 659 | 684 | |
| FT | TOPO_DOM | 685 | 695 | CYTOPLASMIC. |
| FT | TRANSMEM | 696 | 720 | |
| FT | TOPO_DOM | 721 | 743 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 744 | 771 | |
| FT | TOPO_DOM | 772 | 791 | CYTOPLASMIC. |
| FT | TRANSMEM | 792 | 812 | |
| FT | TOPO_DOM | 813 | 817 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 818 | 841 | |
| FT | TOPO_DOM | 842 | 910 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGRG1_HUMAN

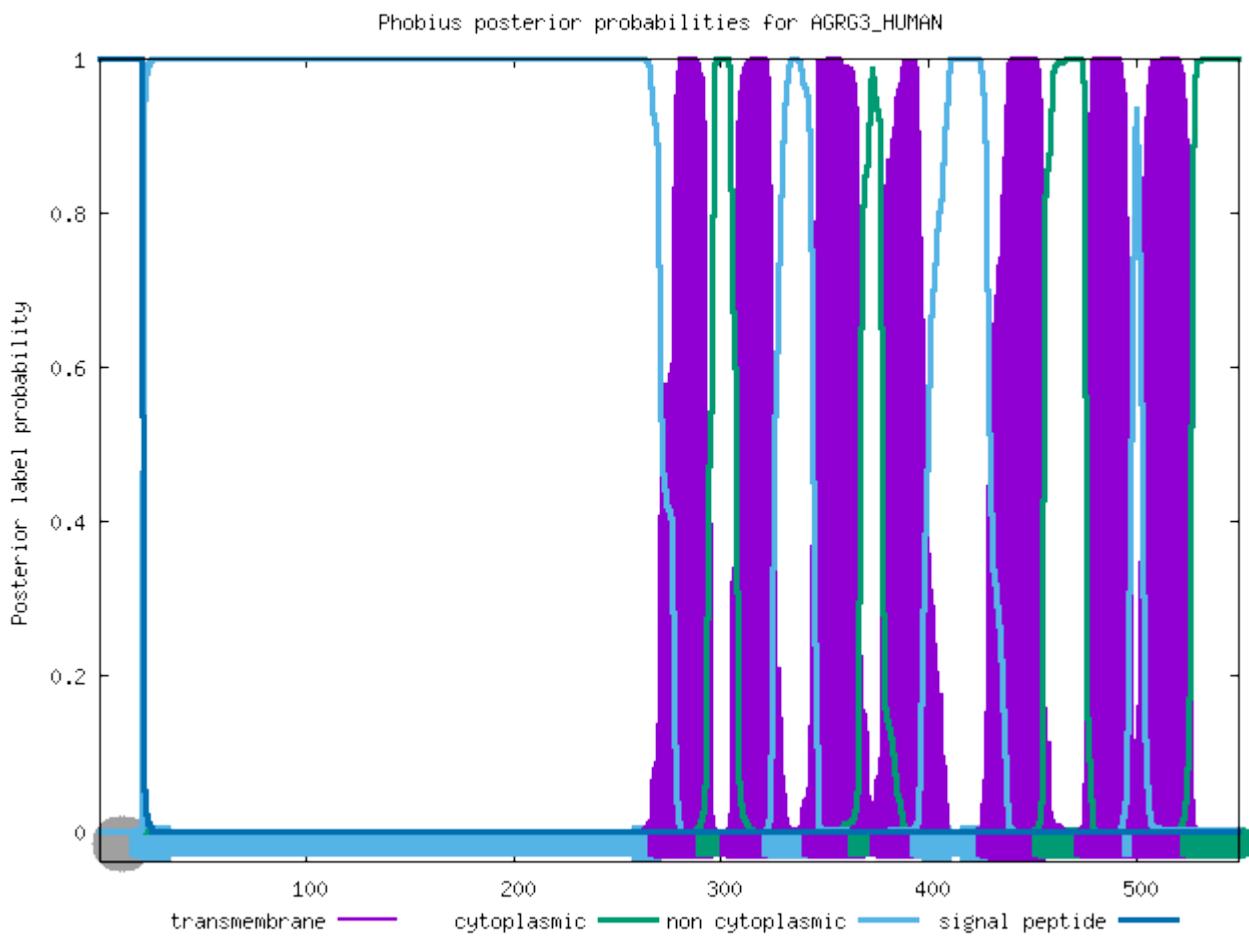
| ID | AGR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 404 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 405 | 428 | |
| FT | TOPO_DOM | 429 | 448 | CYTOPLASMIC. |
| FT | TRANSMEM | 449 | 471 | |
| FT | TOPO_DOM | 472 | 476 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 477 | 495 | |
| FT | TOPO_DOM | 496 | 514 | CYTOPLASMIC. |
| FT | TRANSMEM | 515 | 537 | |
| FT | TOPO_DOM | 538 | 574 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 575 | 597 | |
| FT | TOPO_DOM | 598 | 608 | CYTOPLASMIC. |
| FT | TRANSMEM | 609 | 631 | |
| FT | TOPO_DOM | 632 | 636 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 637 | 659 | |
| FT | TOPO_DOM | 660 | 693 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGRG3_HUMAN

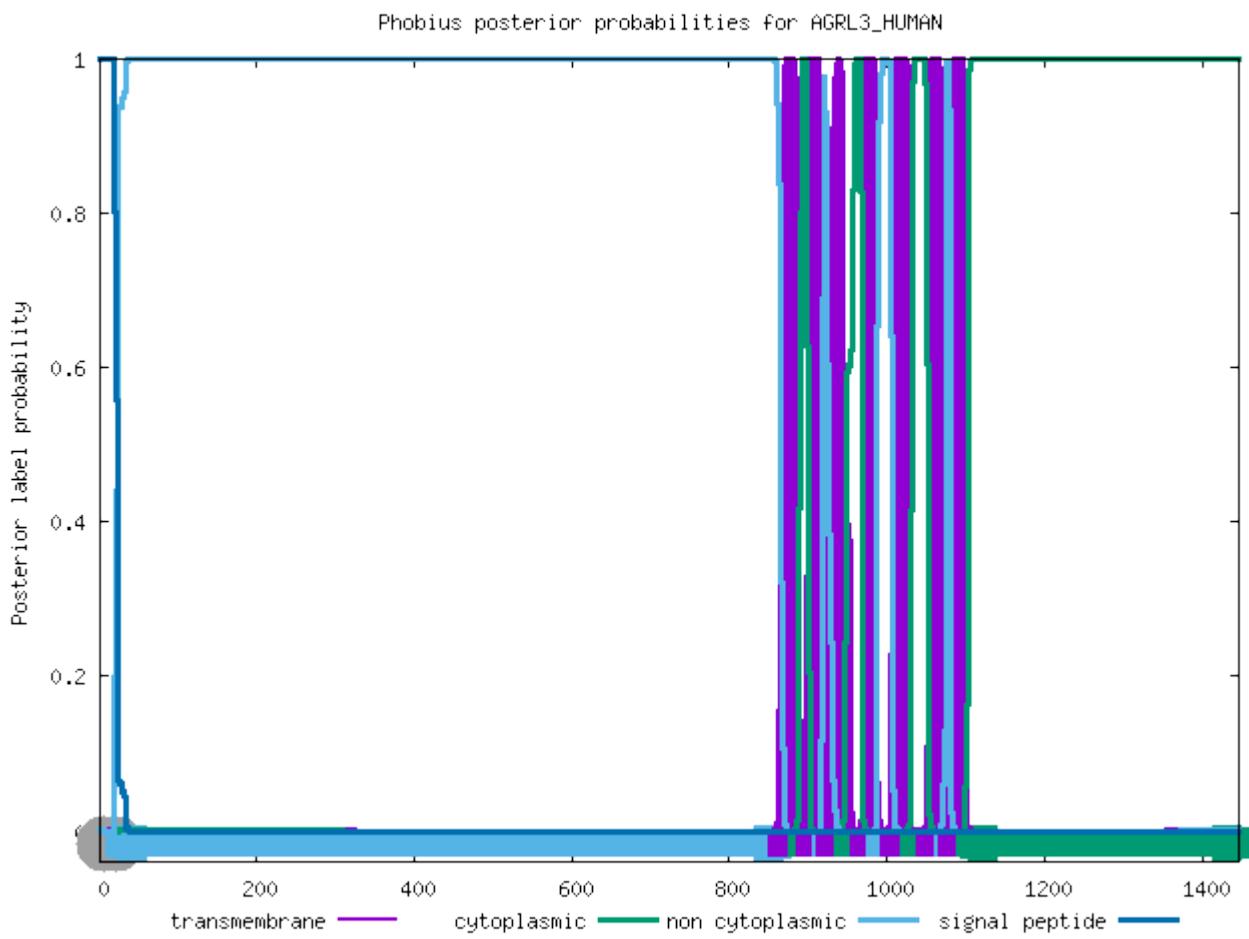
| ID | AGR3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 16 | H-REGION. |
| FT | REGION | 17 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 270 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 293 | |
| FT | TOPO_DOM | 294 | 304 | CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 325 | |
| FT | TOPO_DOM | 326 | 344 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 366 | |
| FT | TOPO_DOM | 367 | 377 | CYTOPLASMIC. |
| FT | TRANSMEM | 378 | 396 | |
| FT | TOPO_DOM | 397 | 428 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 429 | 455 | |
| FT | TOPO_DOM | 456 | 475 | CYTOPLASMIC. |
| FT | TRANSMEM | 476 | 498 | |
| FT | TOPO_DOM | 499 | 503 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 504 | 526 | |
| FT | TOPO_DOM | 527 | 549 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AGRL3_HUMAN

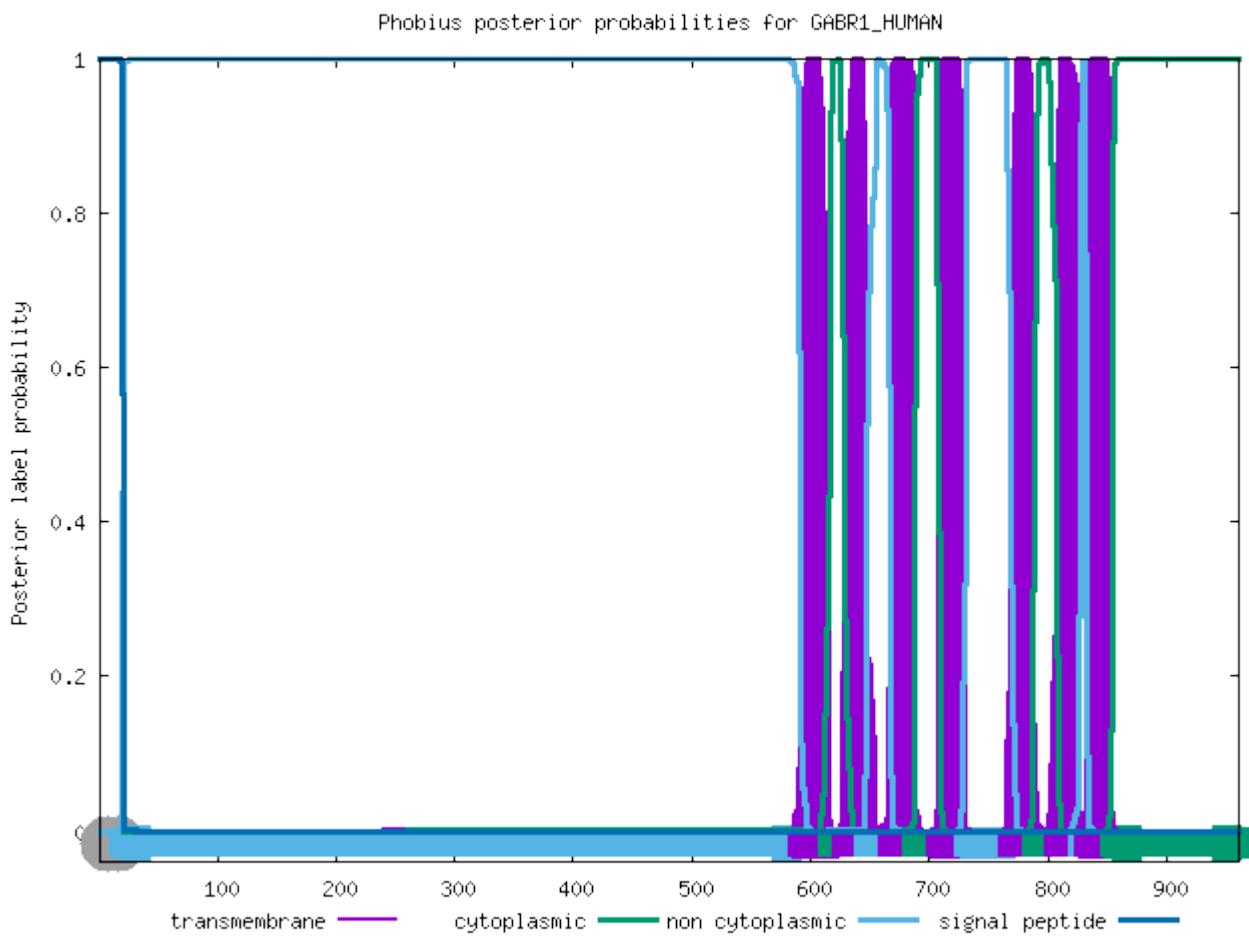
| ID | AGRL3_HUMAN | | |
|----|-------------|------|------|
| FT | SIGNAL | 1 | 22 |
| FT | REGION | 1 | 5 |
| FT | REGION | 6 | 17 |
| FT | REGION | 18 | 22 |
| FT | TOPO_DOM | 23 | 865 |
| FT | TRANSMEM | 866 | 889 |
| FT | TOPO_DOM | 890 | 900 |
| FT | TRANSMEM | 901 | 919 |
| FT | TOPO_DOM | 920 | 924 |
| FT | TRANSMEM | 925 | 947 |
| FT | TOPO_DOM | 948 | 967 |
| FT | TRANSMEM | 968 | 988 |
| FT | TOPO_DOM | 989 | 1007 |
| FT | TRANSMEM | 1008 | 1031 |
| FT | TOPO_DOM | 1032 | 1051 |
| FT | TRANSMEM | 1052 | 1075 |
| FT | TOPO_DOM | 1076 | 1080 |
| FT | TRANSMEM | 1081 | 1104 |
| FT | TOPO_DOM | 1105 | 1447 |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GABR1_HUMAN

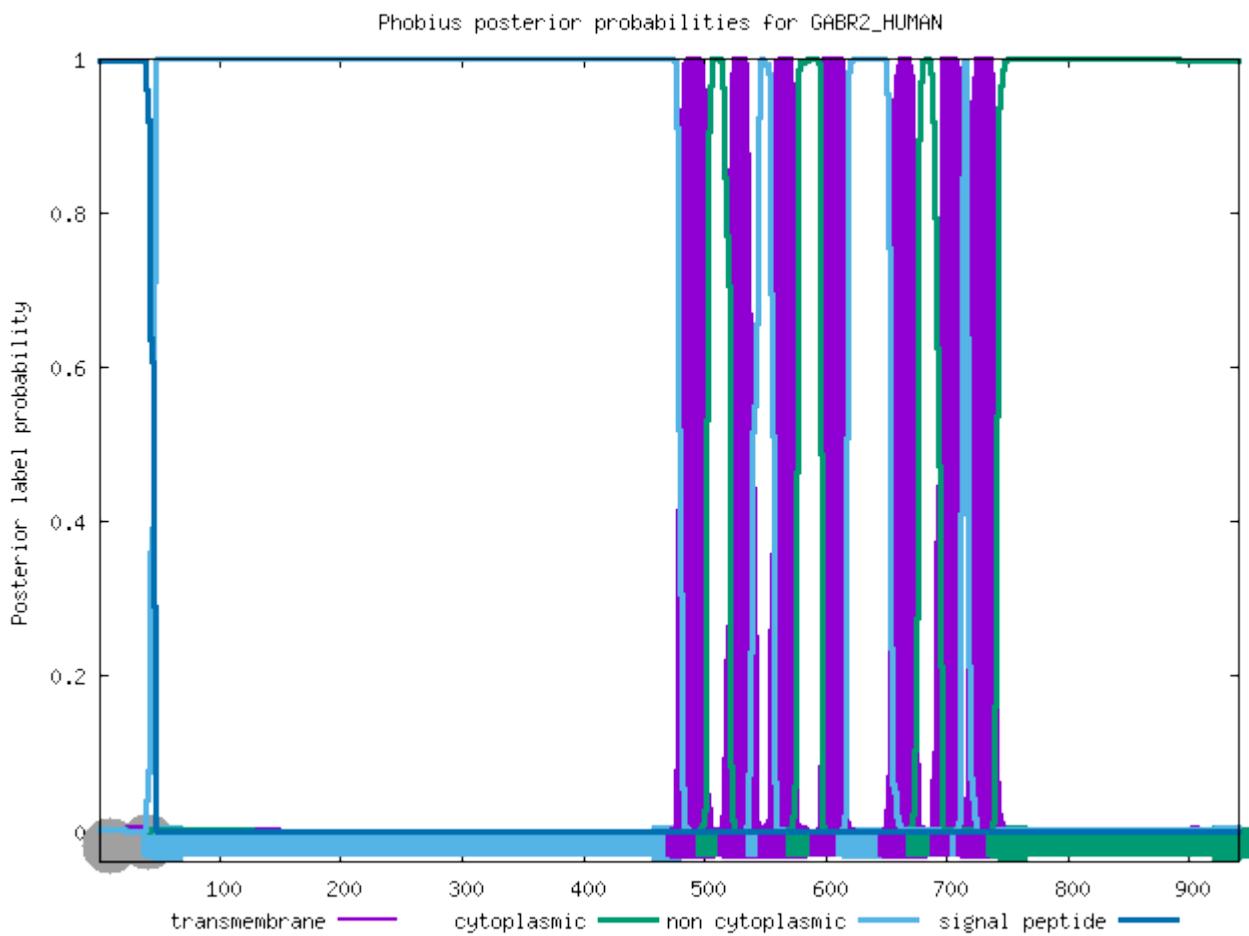
| ID | GABR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 1 | N-REGION. |
| FT | REGION | 2 | 12 | H-REGION. |
| FT | REGION | 13 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 590 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 591 | 616 | |
| FT | TOPO_DOM | 617 | 627 | CYTOPLASMIC. |
| FT | TRANSMEM | 628 | 647 | |
| FT | TOPO_DOM | 648 | 666 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 667 | 687 | |
| FT | TOPO_DOM | 688 | 707 | CYTOPLASMIC. |
| FT | TRANSMEM | 708 | 731 | |
| FT | TOPO_DOM | 732 | 767 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 768 | 788 | |
| FT | TOPO_DOM | 789 | 807 | CYTOPLASMIC. |
| FT | TRANSMEM | 808 | 826 | |
| FT | TOPO_DOM | 827 | 831 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 832 | 854 | |
| FT | TOPO_DOM | 855 | 961 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GABR2_HUMAN

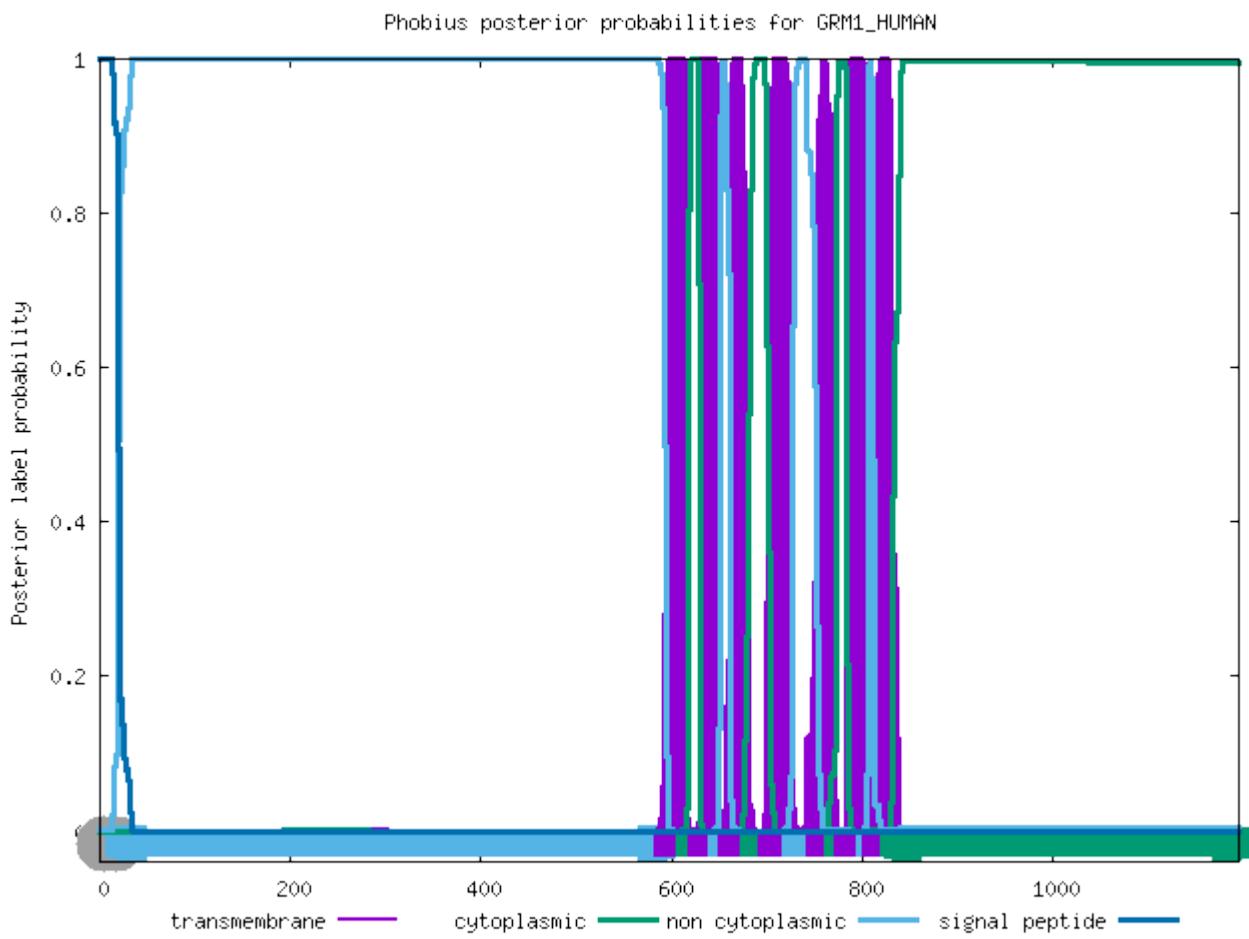
| ID | GABR2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 45 | |
| FT | REGION | 1 | 22 | N-REGION. |
| FT | REGION | 23 | 33 | H-REGION. |
| FT | REGION | 34 | 45 | C-REGION. |
| FT | TOPO_DOM | 46 | 478 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 479 | 502 | |
| FT | TOPO_DOM | 503 | 521 | CYTOPLASMIC. |
| FT | TRANSMEM | 522 | 543 | |
| FT | TOPO_DOM | 544 | 554 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 555 | 576 | |
| FT | TOPO_DOM | 577 | 596 | CYTOPLASMIC. |
| FT | TRANSMEM | 597 | 618 | |
| FT | TOPO_DOM | 619 | 652 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 653 | 676 | |
| FT | TOPO_DOM | 677 | 695 | CYTOPLASMIC. |
| FT | TRANSMEM | 696 | 712 | |
| FT | TOPO_DOM | 713 | 717 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 718 | 741 | |
| FT | TOPO_DOM | 742 | 941 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM1_HUMAN

| ID | GRM1_HUMAN | | |
|----|------------|-----|------|
| FT | SIGNAL | 1 | 18 |
| FT | REGION | 1 | 2 |
| FT | REGION | 3 | 14 |
| FT | REGION | 15 | 18 |
| FT | TOPO_DOM | 19 | 593 |
| FT | TRANSMEM | 594 | 617 |
| FT | TOPO_DOM | 618 | 628 |
| FT | TRANSMEM | 629 | 650 |
| FT | TOPO_DOM | 651 | 661 |
| FT | TRANSMEM | 662 | 683 |
| FT | TOPO_DOM | 684 | 703 |
| FT | TRANSMEM | 704 | 727 |
| FT | TOPO_DOM | 728 | 752 |
| FT | TRANSMEM | 753 | 772 |
| FT | TOPO_DOM | 773 | 783 |
| FT | TRANSMEM | 784 | 806 |
| FT | TOPO_DOM | 807 | 811 |
| FT | TRANSMEM | 812 | 831 |
| FT | TOPO_DOM | 832 | 1194 |
| // | | | |

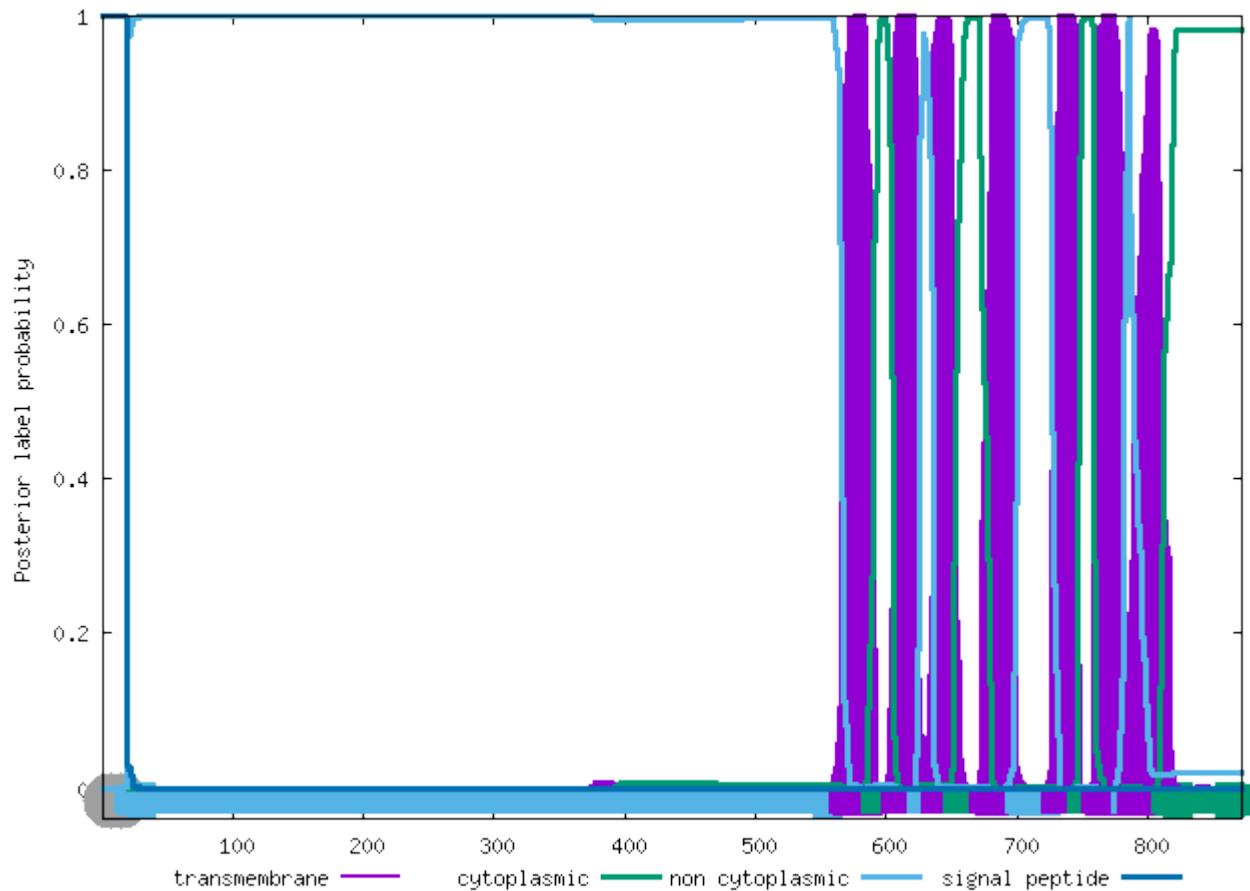


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM2_HUMAN

| ID | GRM2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 18 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 13 | H-REGION. |
| FT | REGION | 14 | 18 | C-REGION. |
| FT | TOPO_DOM | 19 | 565 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 566 | 590 | |
| FT | TOPO_DOM | 591 | 604 | CYTOPLASMIC. |
| FT | TRANSMEM | 605 | 624 | |
| FT | TOPO_DOM | 625 | 635 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 636 | 652 | |
| FT | TOPO_DOM | 653 | 672 | CYTOPLASMIC. |
| FT | TRANSMEM | 673 | 700 | |
| FT | TOPO_DOM | 701 | 727 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 728 | 747 | |
| FT | TOPO_DOM | 748 | 758 | CYTOPLASMIC. |
| FT | TRANSMEM | 759 | 781 | |
| FT | TOPO_DOM | 782 | 786 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 787 | 811 | |
| FT | TOPO_DOM | 812 | 872 | CYTOPLASMIC. |
| // | | | | |

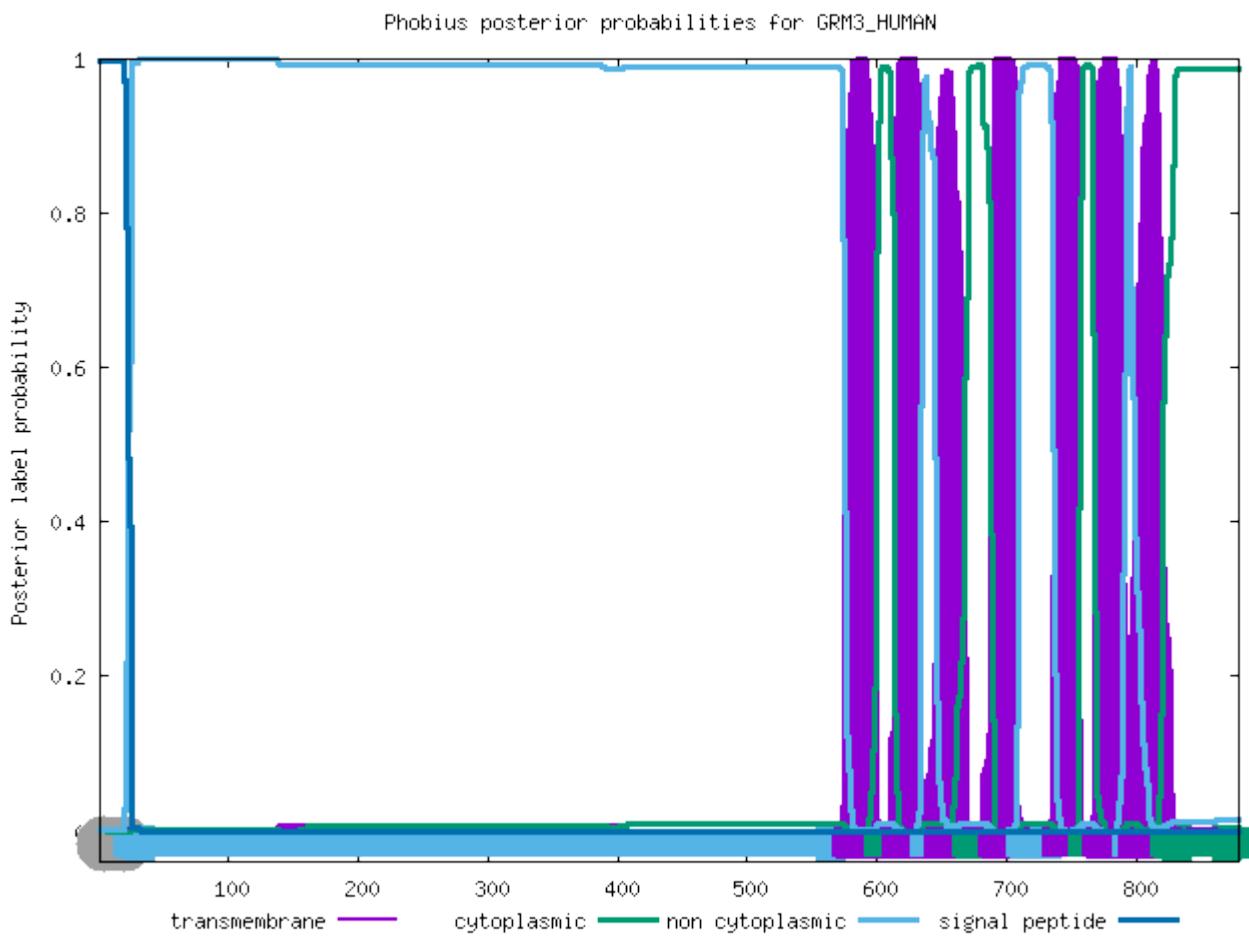
Phobius posterior probabilities for GRM2_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM3_HUMAN

| ID | GRM3_HUMAN | | |
|----|------------|-----|-----|
| FT | SIGNAL | 1 | 20 |
| FT | REGION | 1 | 6 |
| FT | REGION | 7 | 15 |
| FT | REGION | 16 | 20 |
| FT | TOPO_DOM | 21 | 574 |
| FT | TRANSMEM | 575 | 599 |
| FT | TOPO_DOM | 600 | 613 |
| FT | TRANSMEM | 614 | 634 |
| FT | TOPO_DOM | 635 | 645 |
| FT | TRANSMEM | 646 | 667 |
| FT | TOPO_DOM | 668 | 687 |
| FT | TRANSMEM | 688 | 709 |
| FT | TOPO_DOM | 710 | 736 |
| FT | TRANSMEM | 737 | 756 |
| FT | TOPO_DOM | 757 | 767 |
| FT | TRANSMEM | 768 | 790 |
| FT | TOPO_DOM | 791 | 795 |
| FT | TRANSMEM | 796 | 820 |
| FT | TOPO_DOM | 821 | 879 |
| // | | | |

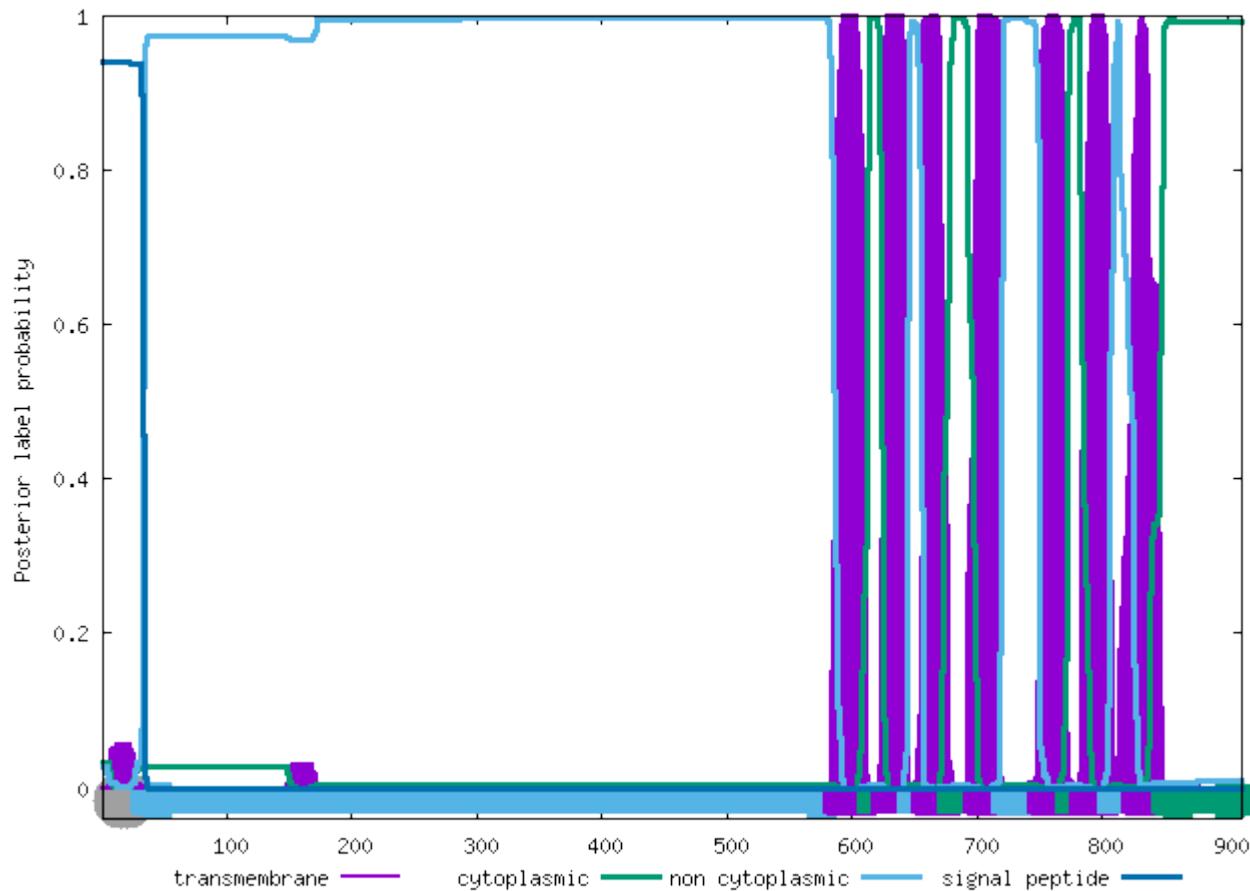


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM4_HUMAN

| ID | GRM4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 32 | |
| FT | REGION | 1 | 13 | N-REGION. |
| FT | REGION | 14 | 24 | H-REGION. |
| FT | REGION | 25 | 32 | C-REGION. |
| FT | TOPO_DOM | 33 | 586 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 587 | 613 | |
| FT | TOPO_DOM | 614 | 624 | CYTOPLASMIC. |
| FT | TRANSMEM | 625 | 645 | |
| FT | TOPO_DOM | 646 | 656 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 657 | 678 | |
| FT | TOPO_DOM | 679 | 698 | CYTOPLASMIC. |
| FT | TRANSMEM | 699 | 720 | |
| FT | TOPO_DOM | 721 | 750 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 751 | 772 | |
| FT | TOPO_DOM | 773 | 783 | CYTOPLASMIC. |
| FT | TRANSMEM | 784 | 806 | |
| FT | TOPO_DOM | 807 | 825 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 826 | 848 | |
| FT | TOPO_DOM | 849 | 912 | CYTOPLASMIC. |
| // | | | | |

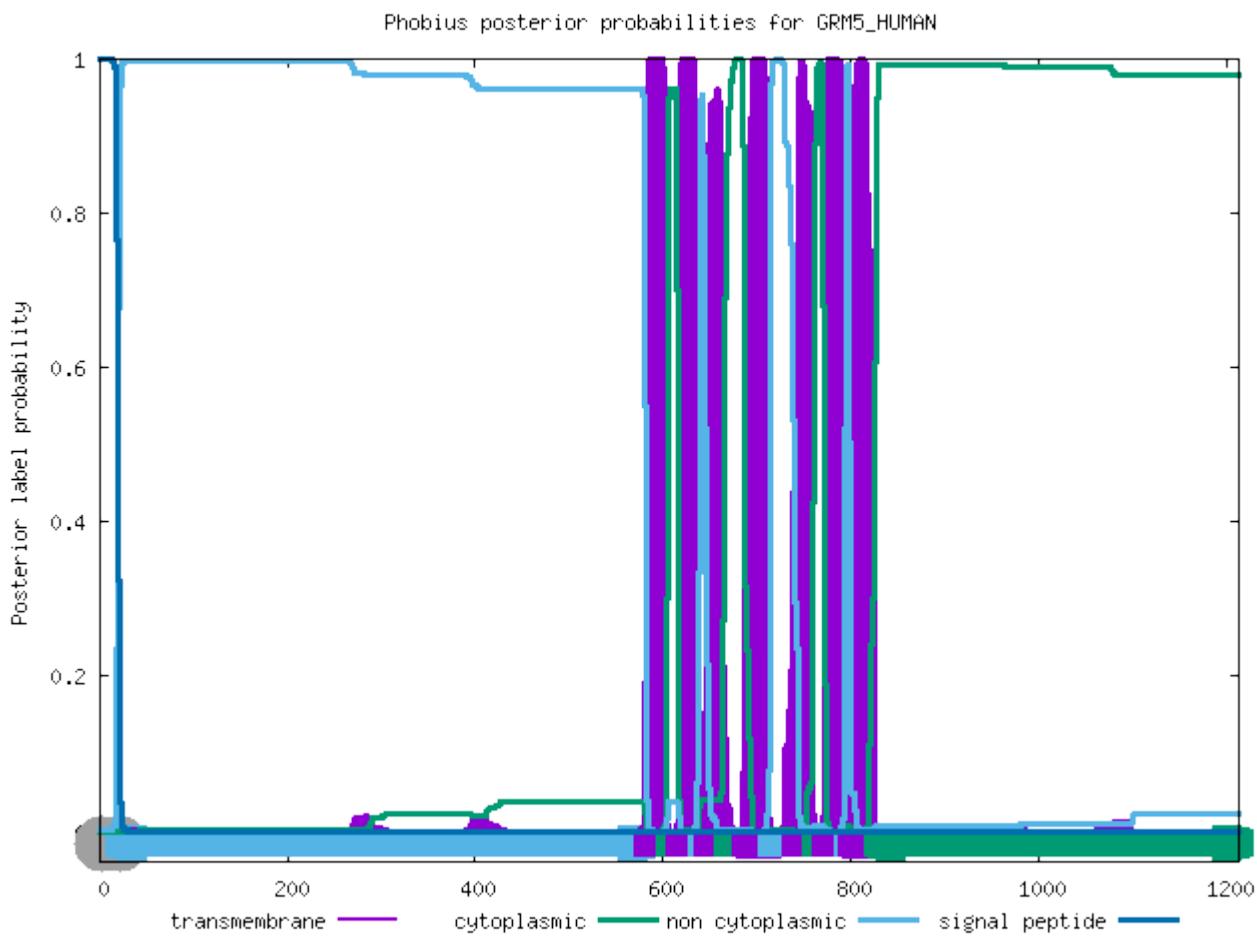
Phobius posterior probabilities for GRM4_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM5_HUMAN

| ID | GRM5_HUMAN | | |
|----|------------|-----|------------------|
| FT | SIGNAL | 1 | 20 |
| FT | REGION | 1 | 1 |
| | | | N-REGION. |
| FT | REGION | 2 | 12 |
| | | | H-REGION. |
| FT | REGION | 13 | 20 |
| | | | C-REGION. |
| FT | TOPO_DOM | 21 | 580 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 581 | 604 |
| FT | TOPO_DOM | 605 | 615 |
| | | | CYTOPLASMIC. |
| FT | TRANSMEM | 616 | 639 |
| FT | TOPO_DOM | 640 | 644 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 645 | 666 |
| FT | TOPO_DOM | 667 | 686 |
| | | | CYTOPLASMIC. |
| FT | TRANSMEM | 687 | 714 |
| FT | TOPO_DOM | 715 | 739 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 740 | 759 |
| FT | TOPO_DOM | 760 | 770 |
| | | | CYTOPLASMIC. |
| FT | TRANSMEM | 771 | 793 |
| FT | TOPO_DOM | 794 | 798 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 799 | 826 |
| FT | TOPO_DOM | 827 | 1212 |
| // | | | CYTOPLASMIC. |

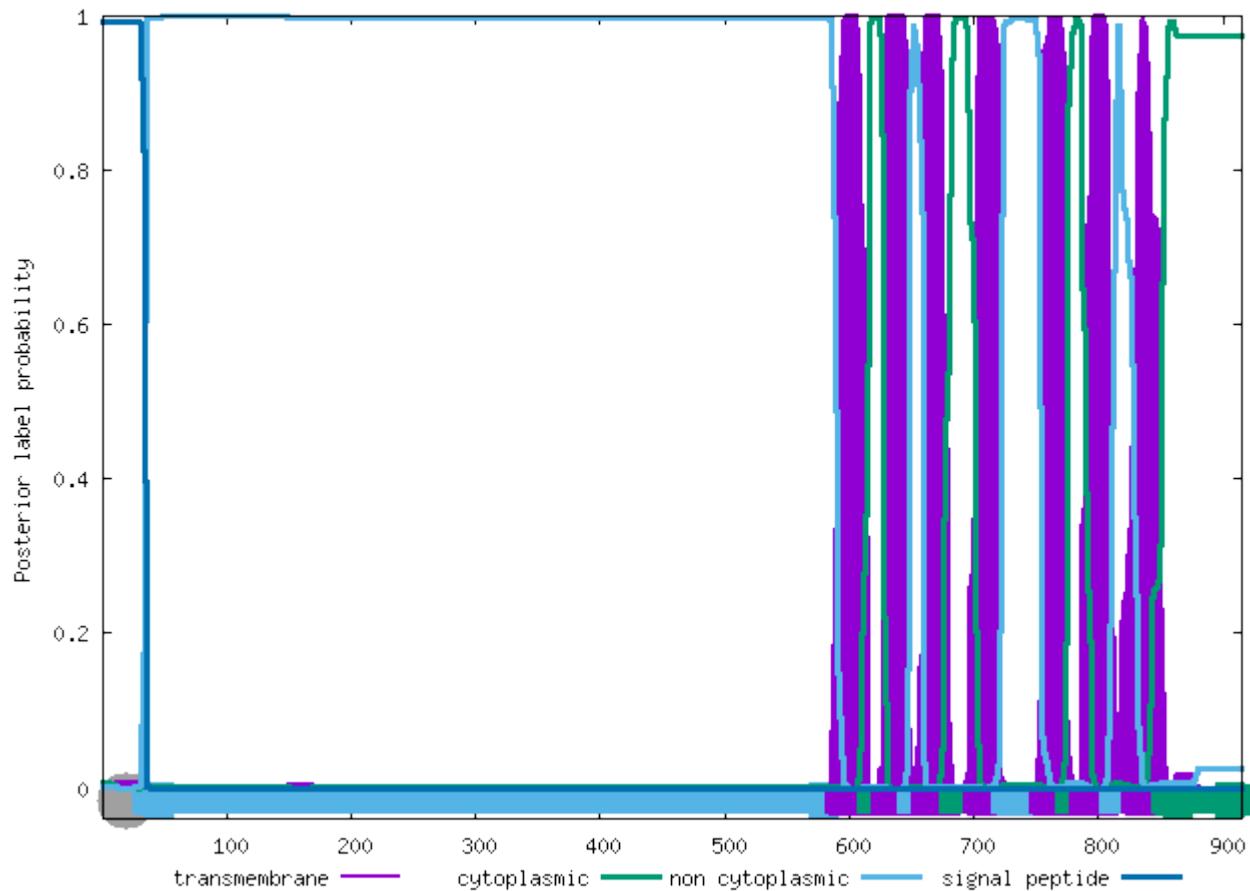


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GRM7_HUMAN

| ID | GRM7_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 17 | N-REGION. |
| FT | REGION | 18 | 29 | H-REGION. |
| FT | REGION | 30 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 589 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 590 | 616 | |
| FT | TOPO_DOM | 617 | 627 | CYTOPLASMIC. |
| FT | TRANSMEM | 628 | 648 | |
| FT | TOPO_DOM | 649 | 659 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 660 | 681 | |
| FT | TOPO_DOM | 682 | 701 | CYTOPLASMIC. |
| FT | TRANSMEM | 702 | 723 | |
| FT | TOPO_DOM | 724 | 753 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 754 | 775 | |
| FT | TOPO_DOM | 776 | 786 | CYTOPLASMIC. |
| FT | TRANSMEM | 787 | 809 | |
| FT | TOPO_DOM | 810 | 828 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 829 | 851 | |
| FT | TOPO_DOM | 852 | 915 | CYTOPLASMIC. |
| // | | | | |

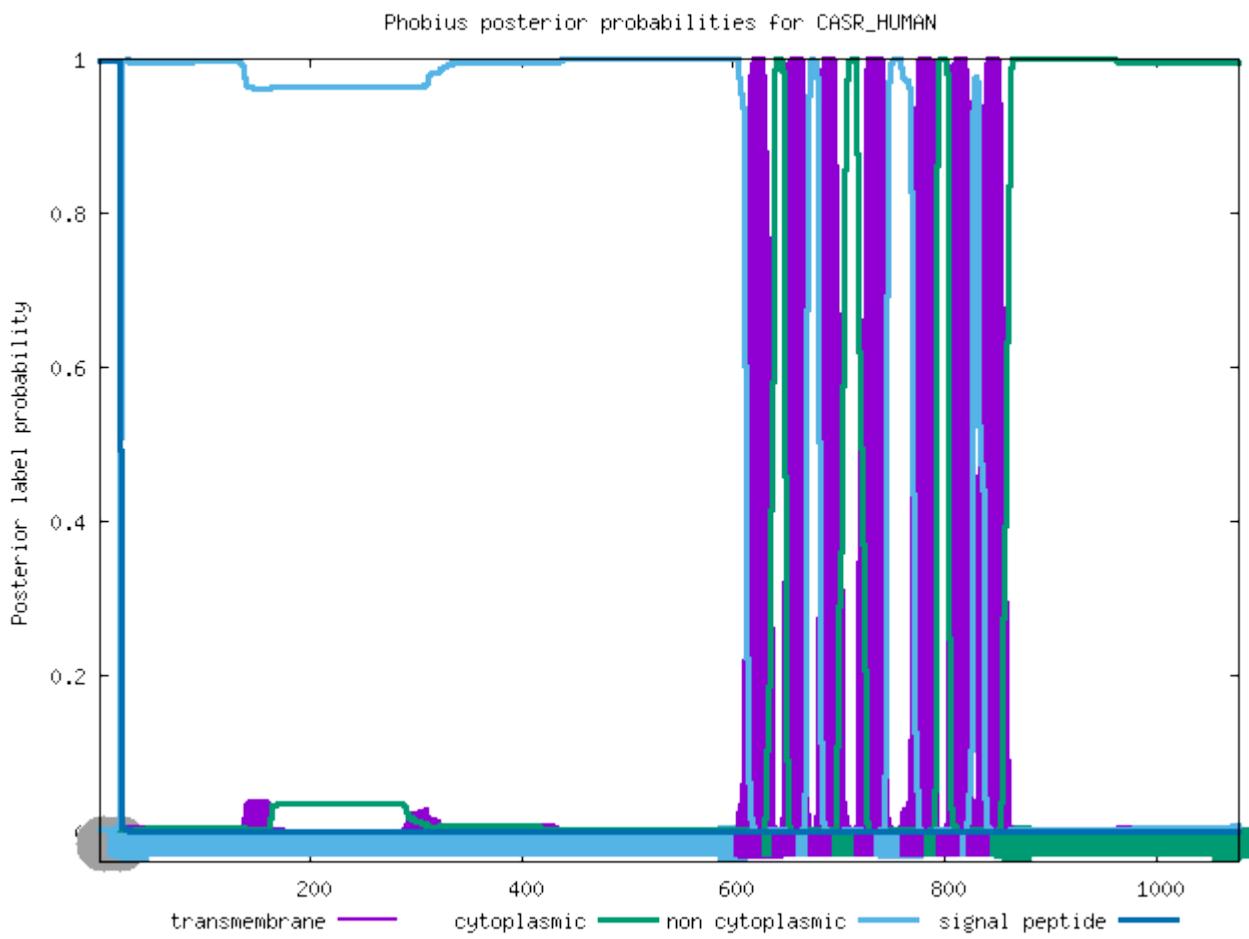
Phobius posterior probabilities for GRM7_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CASR_HUMAN

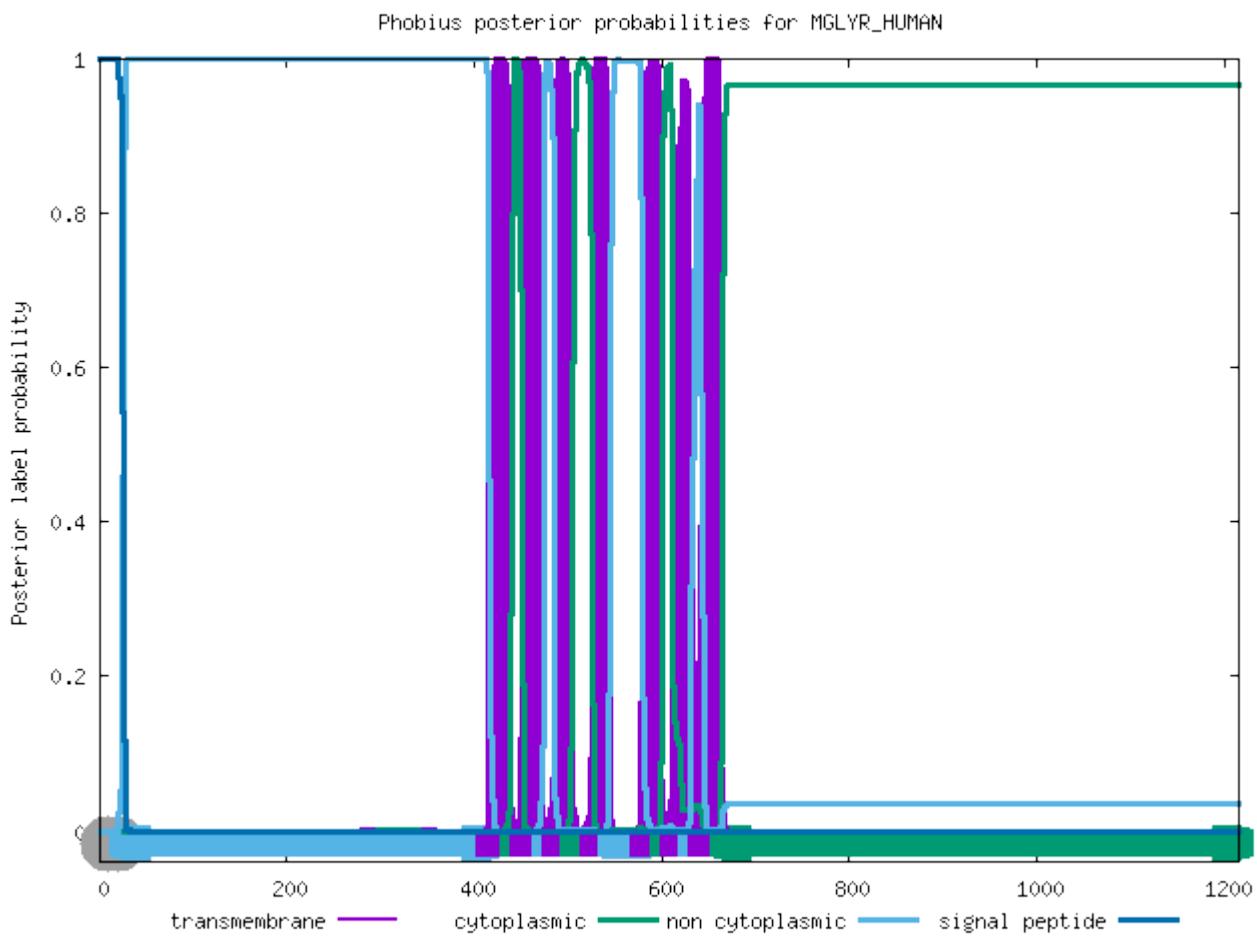
| ID | CASR_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 611 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 612 | 637 | |
| FT | TOPO_DOM | 638 | 648 | CYTOPLASMIC. |
| FT | TRANSMEM | 649 | 670 | |
| FT | TOPO_DOM | 671 | 681 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 682 | 704 | |
| FT | TOPO_DOM | 705 | 724 | CYTOPLASMIC. |
| FT | TRANSMEM | 725 | 744 | |
| FT | TOPO_DOM | 745 | 769 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 770 | 792 | |
| FT | TOPO_DOM | 793 | 803 | CYTOPLASMIC. |
| FT | TRANSMEM | 804 | 826 | |
| FT | TOPO_DOM | 827 | 831 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 832 | 854 | |
| FT | TOPO_DOM | 855 | 1078 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MGLYR_HUMAN

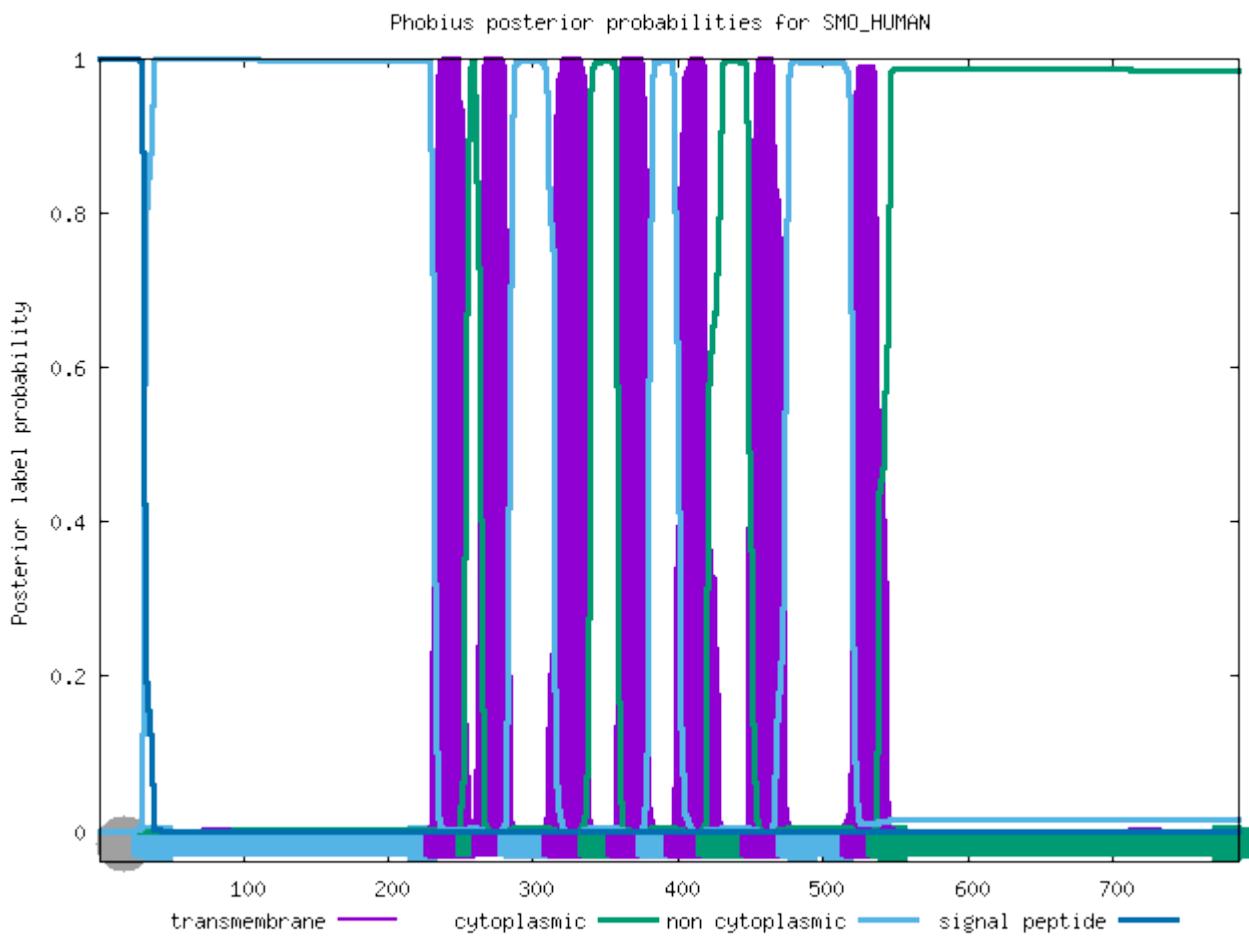
| ID | MGLYR_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | SIGNAL | 1 | 24 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 19 | H-REGION. |
| FT | REGION | 20 | 24 | C-REGION. |
| FT | TOPO_DOM | 25 | 414 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 415 | 439 | |
| FT | TOPO_DOM | 440 | 450 | CYTOPLASMIC. |
| FT | TRANSMEM | 451 | 474 | |
| FT | TOPO_DOM | 475 | 485 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 486 | 504 | |
| FT | TOPO_DOM | 505 | 524 | CYTOPLASMIC. |
| FT | TRANSMEM | 525 | 544 | |
| FT | TOPO_DOM | 545 | 579 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 580 | 600 | |
| FT | TOPO_DOM | 601 | 611 | CYTOPLASMIC. |
| FT | TRANSMEM | 612 | 630 | |
| FT | TOPO_DOM | 631 | 641 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 642 | 664 | |
| FT | TOPO_DOM | 665 | 1215 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SMO_HUMAN

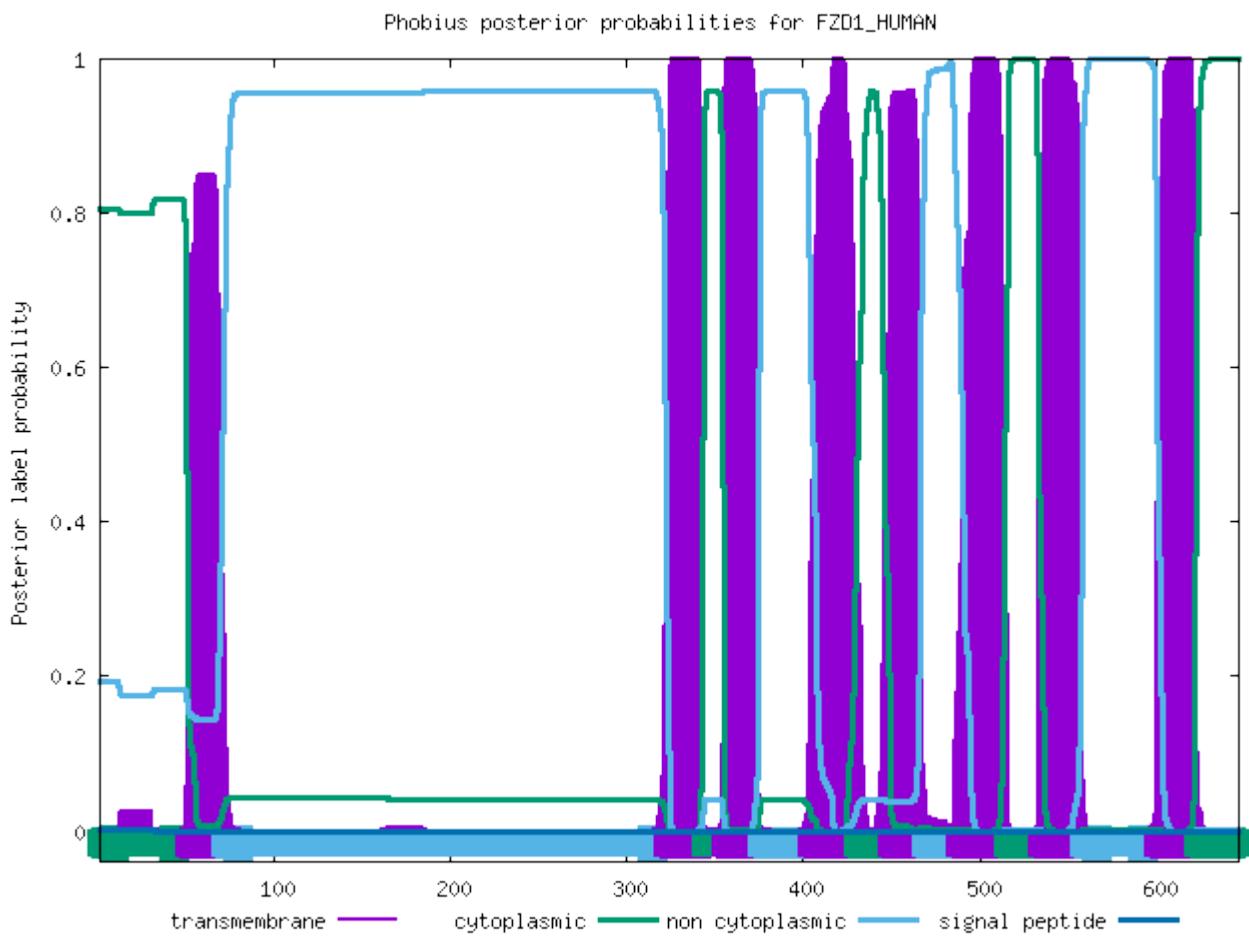
| ID | SMO_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | SIGNAL | 1 | 31 | |
| FT | REGION | 1 | 11 | N-REGION. |
| FT | REGION | 12 | 23 | H-REGION. |
| FT | REGION | 24 | 31 | C-REGION. |
| FT | TOPO_DOM | 32 | 232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 254 | |
| FT | TOPO_DOM | 255 | 265 | CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 283 | |
| FT | TOPO_DOM | 284 | 314 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 315 | 339 | |
| FT | TOPO_DOM | 340 | 358 | CYTOPLASMIC. |
| FT | TRANSMEM | 359 | 379 | |
| FT | TOPO_DOM | 380 | 398 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 399 | 420 | |
| FT | TOPO_DOM | 421 | 451 | CYTOPLASMIC. |
| FT | TRANSMEM | 452 | 475 | |
| FT | TOPO_DOM | 476 | 519 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 520 | 538 | |
| FT | TOPO_DOM | 539 | 787 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD1_HUMAN

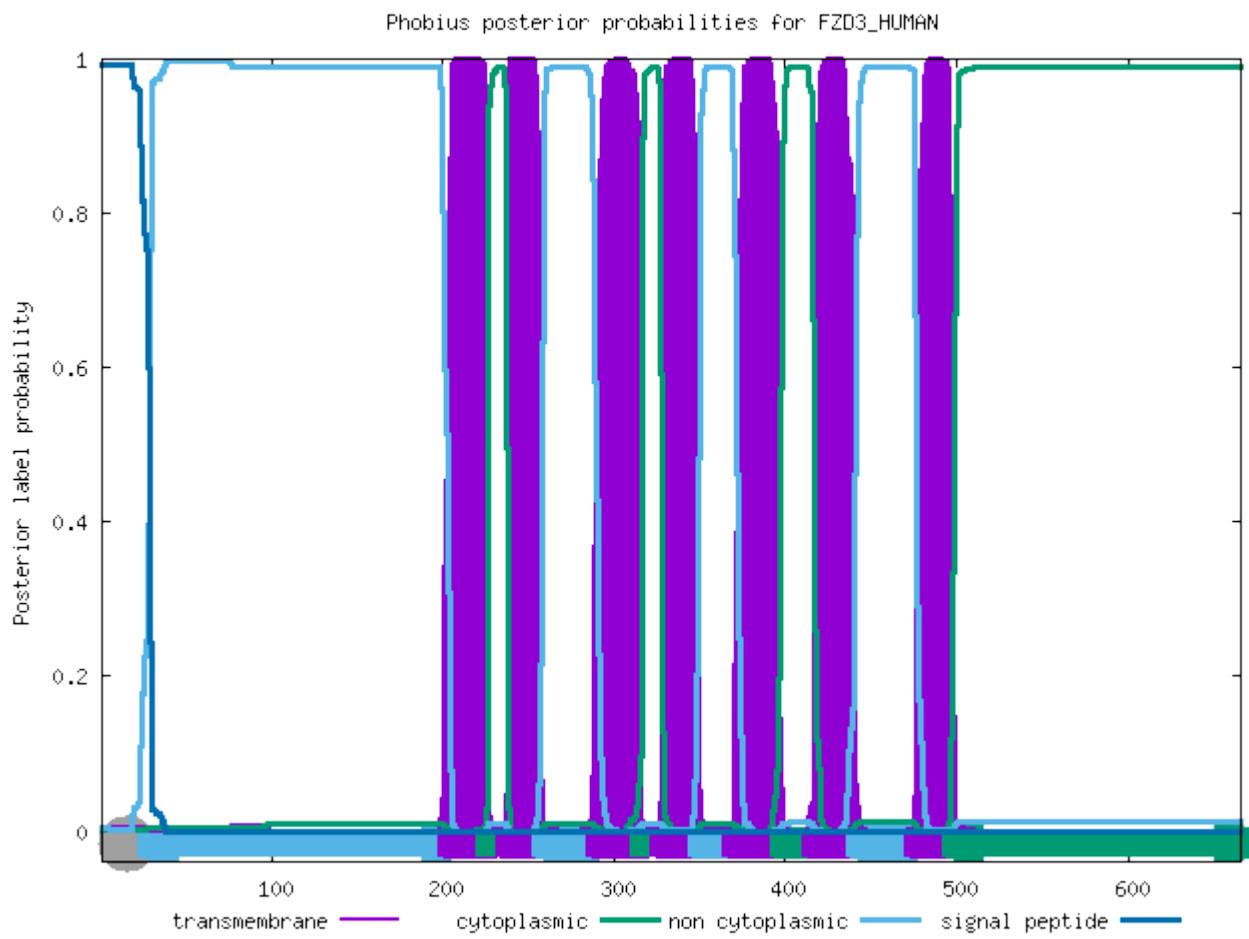
| ID | FZD1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 50 | CYTOPLASMIC. |
| FT | TRANSMEM | 51 | 70 | |
| FT | TOPO_DOM | 71 | 321 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 322 | 343 | |
| FT | TOPO_DOM | 344 | 354 | CYTOPLASMIC. |
| FT | TRANSMEM | 355 | 375 | |
| FT | TOPO_DOM | 376 | 403 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 404 | 429 | |
| FT | TOPO_DOM | 430 | 448 | CYTOPLASMIC. |
| FT | TRANSMEM | 449 | 468 | |
| FT | TOPO_DOM | 469 | 487 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 488 | 514 | |
| FT | TOPO_DOM | 515 | 534 | CYTOPLASMIC. |
| FT | TRANSMEM | 535 | 558 | |
| FT | TOPO_DOM | 559 | 599 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 600 | 622 | |
| FT | TOPO_DOM | 623 | 647 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD3_HUMAN

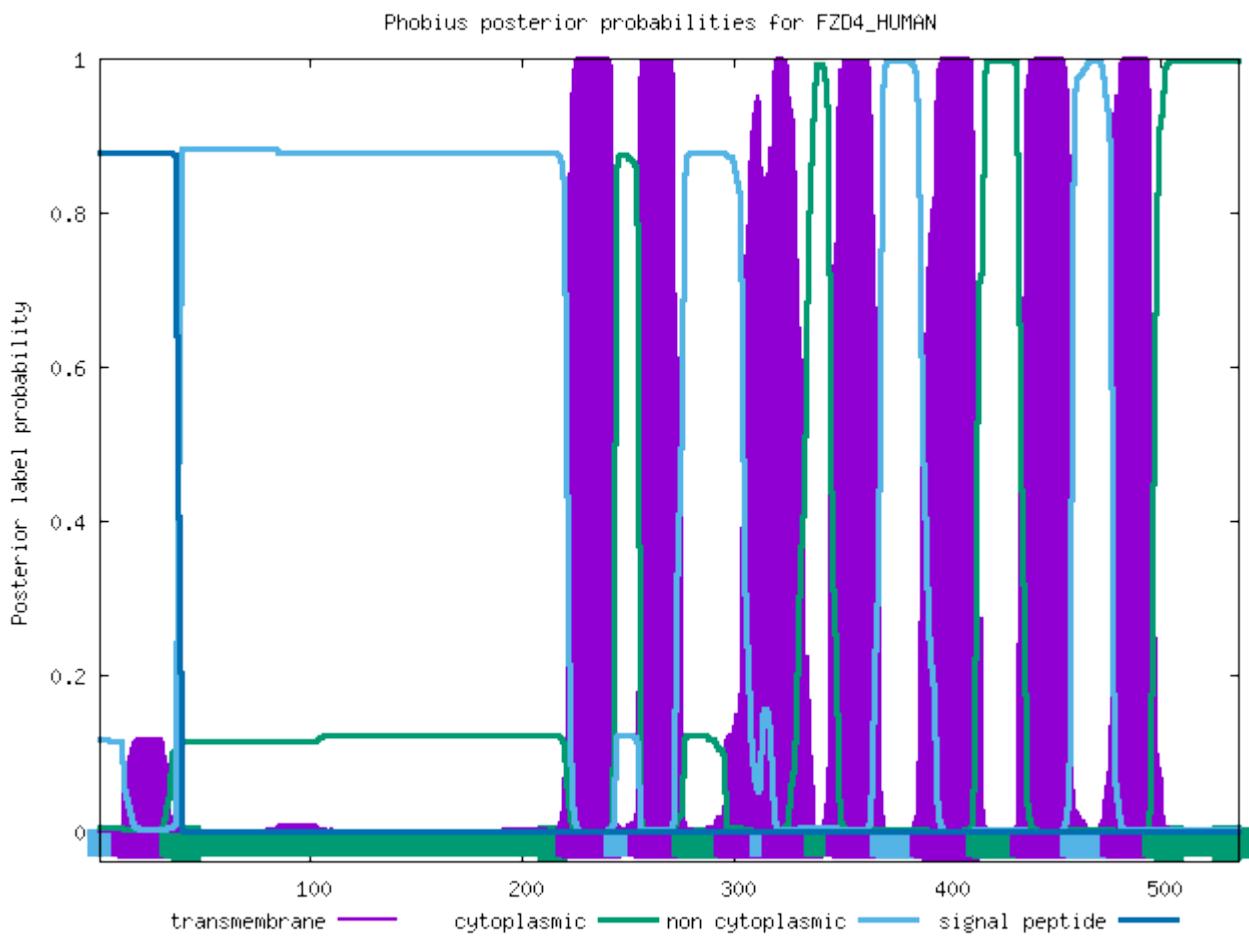
| ID | FZD3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 28 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 28 | C-REGION. |
| FT | TOPO_DOM | 29 | 203 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 204 | 226 | |
| FT | TOPO_DOM | 227 | 237 | CYTOPLASMIC. |
| FT | TRANSMEM | 238 | 258 | |
| FT | TOPO_DOM | 259 | 290 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 316 | |
| FT | TOPO_DOM | 317 | 327 | CYTOPLASMIC. |
| FT | TRANSMEM | 328 | 350 | |
| FT | TOPO_DOM | 351 | 369 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 370 | 397 | |
| FT | TOPO_DOM | 398 | 416 | CYTOPLASMIC. |
| FT | TRANSMEM | 417 | 442 | |
| FT | TOPO_DOM | 443 | 476 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 477 | 498 | |
| FT | TOPO_DOM | 499 | 666 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD4_HUMAN

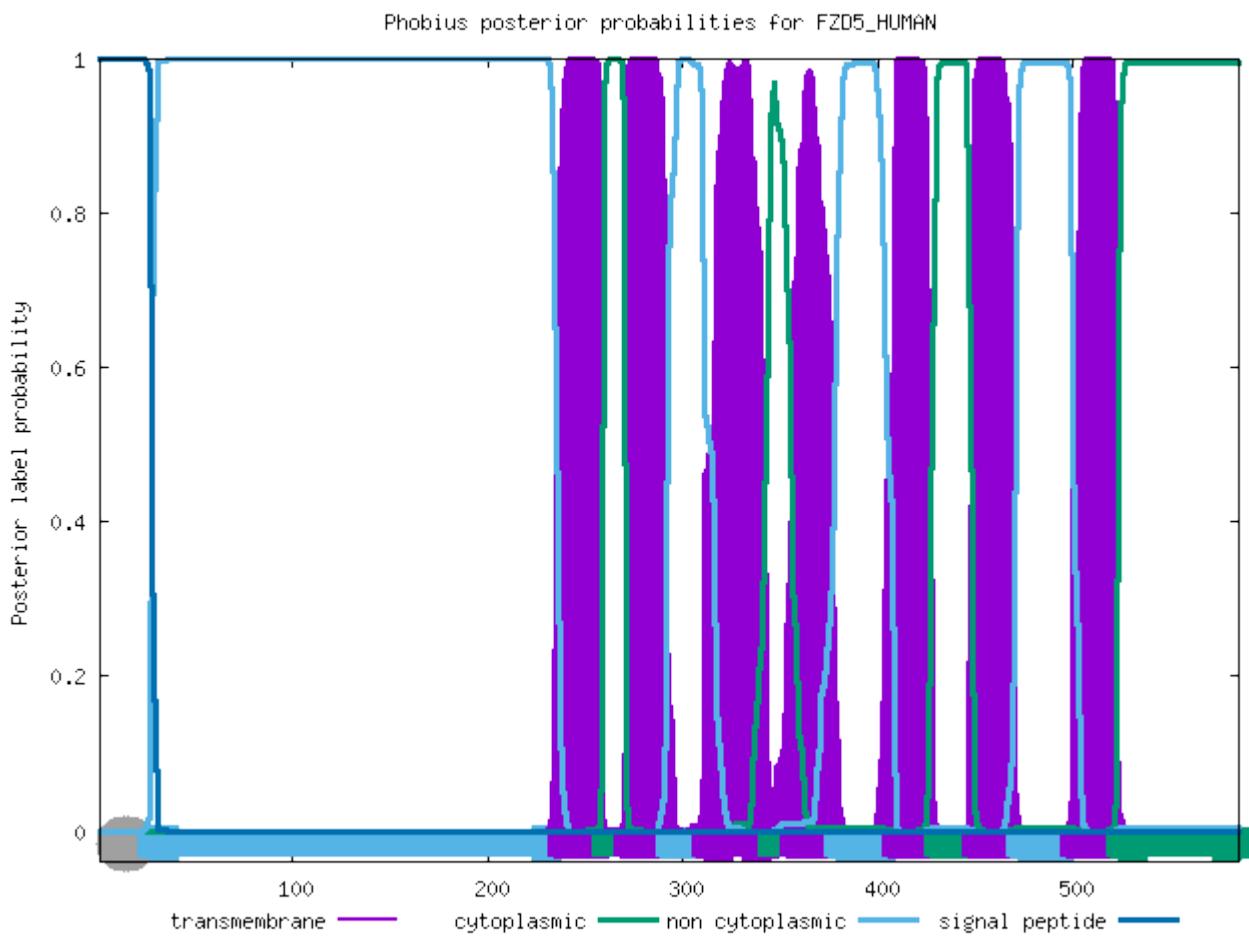
| ID | FZD4_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 34 | |
| FT | TOPO_DOM | 35 | 220 | CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 243 | |
| FT | TOPO_DOM | 244 | 254 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 275 | |
| FT | TOPO_DOM | 276 | 295 | CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 312 | |
| FT | TOPO_DOM | 313 | 317 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 337 | |
| FT | TOPO_DOM | 338 | 348 | CYTOPLASMIC. |
| FT | TRANSMEM | 349 | 368 | |
| FT | TOPO_DOM | 369 | 387 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 388 | 414 | |
| FT | TOPO_DOM | 415 | 434 | CYTOPLASMIC. |
| FT | TRANSMEM | 435 | 458 | |
| FT | TOPO_DOM | 459 | 477 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 478 | 496 | |
| FT | TOPO_DOM | 497 | 537 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD5_HUMAN

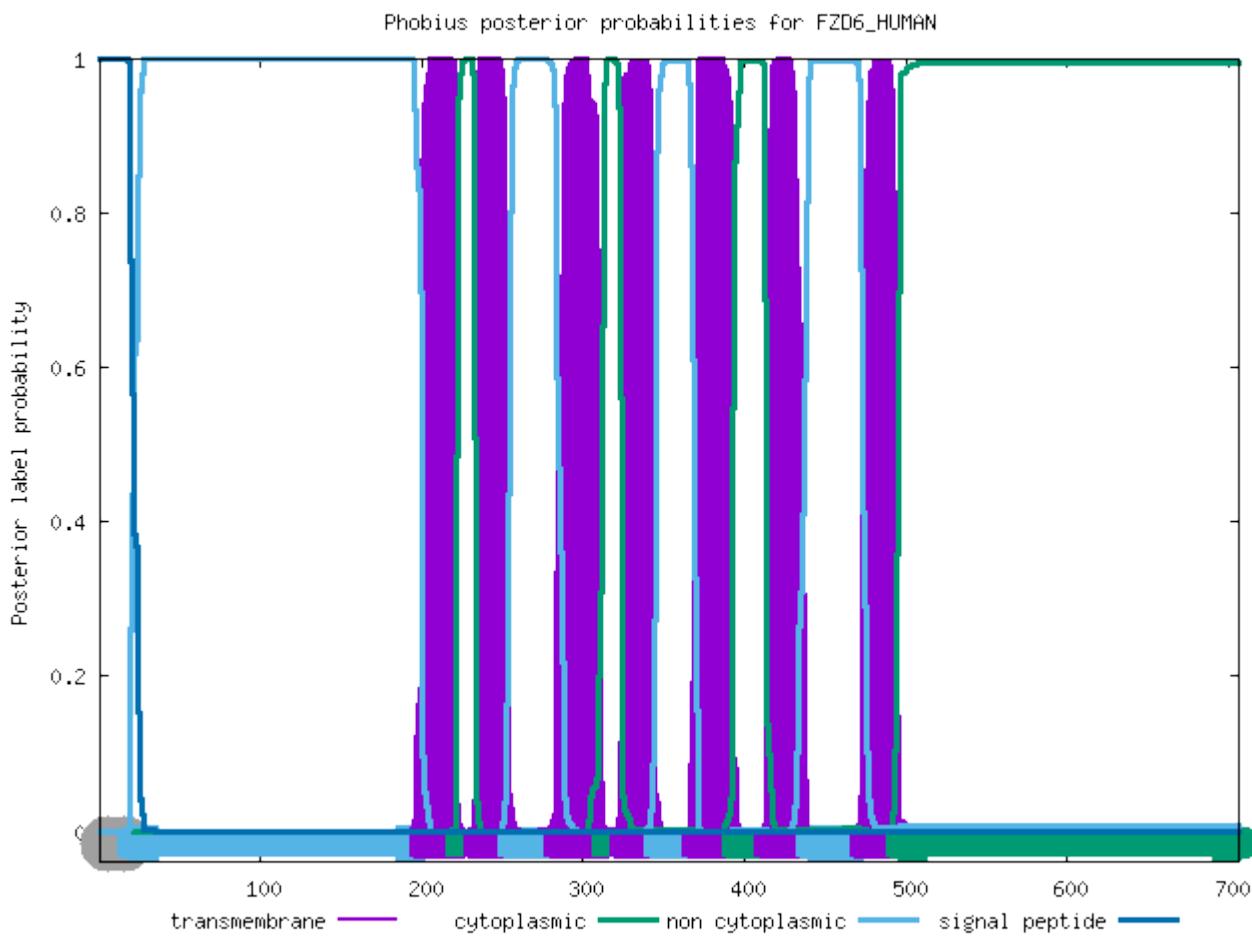
| ID | FZD5_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 10 | N-REGION. |
| FT | REGION | 11 | 21 | H-REGION. |
| FT | REGION | 22 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 236 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 259 | |
| FT | TOPO_DOM | 260 | 270 | CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 291 | |
| FT | TOPO_DOM | 292 | 310 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 311 | 344 | |
| FT | TOPO_DOM | 345 | 355 | CYTOPLASMIC. |
| FT | TRANSMEM | 356 | 378 | |
| FT | TOPO_DOM | 379 | 407 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 408 | 429 | |
| FT | TOPO_DOM | 430 | 449 | CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 471 | |
| FT | TOPO_DOM | 472 | 499 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 500 | 522 | |
| FT | TOPO_DOM | 523 | 585 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD6_HUMAN

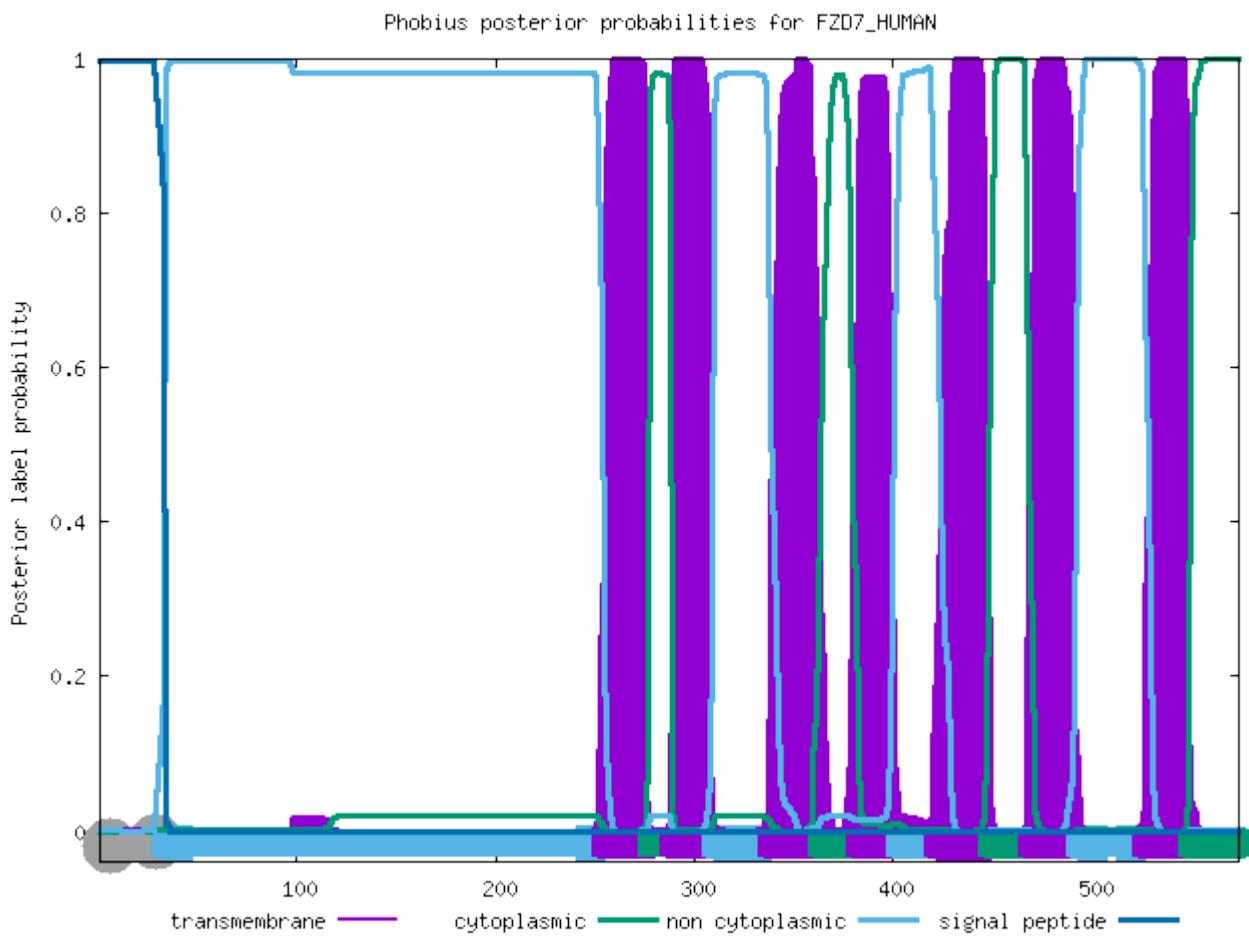
| ID | FZD6_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 18 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 13 | H-REGION. |
| FT | REGION | 14 | 18 | C-REGION. |
| FT | TOPO_DOM | 19 | 200 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 201 | 222 | |
| FT | TOPO_DOM | 223 | 233 | CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 254 | |
| FT | TOPO_DOM | 255 | 283 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 284 | 312 | |
| FT | TOPO_DOM | 313 | 323 | CYTOPLASMIC. |
| FT | TRANSMEM | 324 | 345 | |
| FT | TOPO_DOM | 346 | 368 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 369 | 393 | |
| FT | TOPO_DOM | 394 | 412 | CYTOPLASMIC. |
| FT | TRANSMEM | 413 | 438 | |
| FT | TOPO_DOM | 439 | 472 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 473 | 494 | |
| FT | TOPO_DOM | 495 | 706 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FZD7_HUMAN

| ID | FZD7_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 32 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 24 | H-REGION. |
| FT | REGION | 25 | 32 | C-REGION. |
| FT | TOPO_DOM | 33 | 254 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 277 | |
| FT | TOPO_DOM | 278 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 309 | |
| FT | TOPO_DOM | 310 | 337 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 338 | 363 | |
| FT | TOPO_DOM | 364 | 382 | CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 402 | |
| FT | TOPO_DOM | 403 | 421 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 448 | |
| FT | TOPO_DOM | 449 | 468 | CYTOPLASMIC. |
| FT | TRANSMEM | 469 | 492 | |
| FT | TOPO_DOM | 493 | 526 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 527 | 549 | |
| FT | TOPO_DOM | 550 | 574 | CYTOPLASMIC. |
| // | | | | |

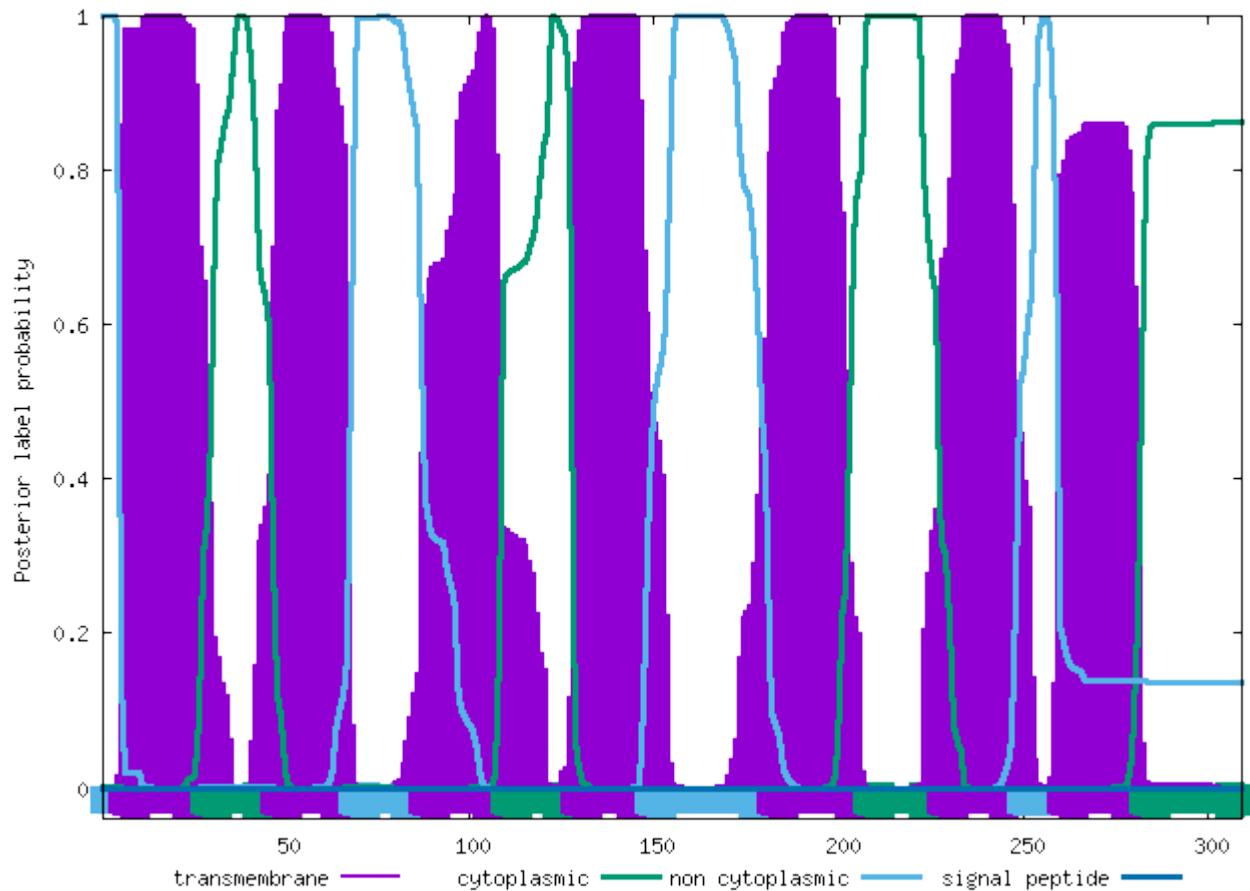


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of T2R46_HUMAN

| ID | T2R46_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 27 | |
| FT | TOPO_DOM | 28 | 46 | CYTOPLASMIC. |
| FT | TRANSMEM | 47 | 67 | |
| FT | TOPO_DOM | 68 | 86 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 108 | |
| FT | TOPO_DOM | 109 | 127 | CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 147 | |
| FT | TOPO_DOM | 148 | 180 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 206 | |
| FT | TOPO_DOM | 207 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 248 | |
| FT | TOPO_DOM | 249 | 259 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 281 | |
| FT | TOPO_DOM | 282 | 309 | CYTOPLASMIC. |
| // | | | | |

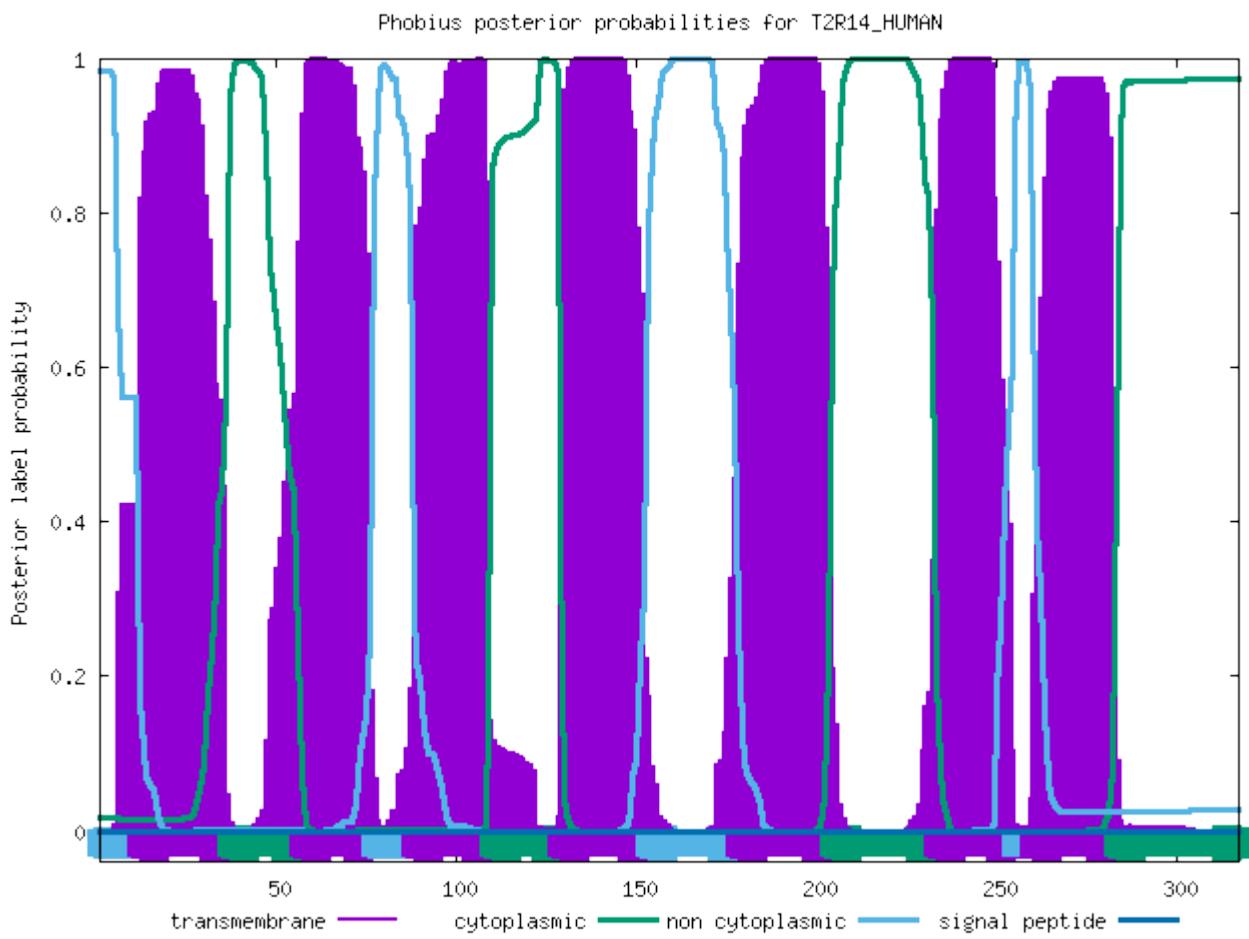
Phobius posterior probabilities for T2R46_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of T2R14_HUMAN

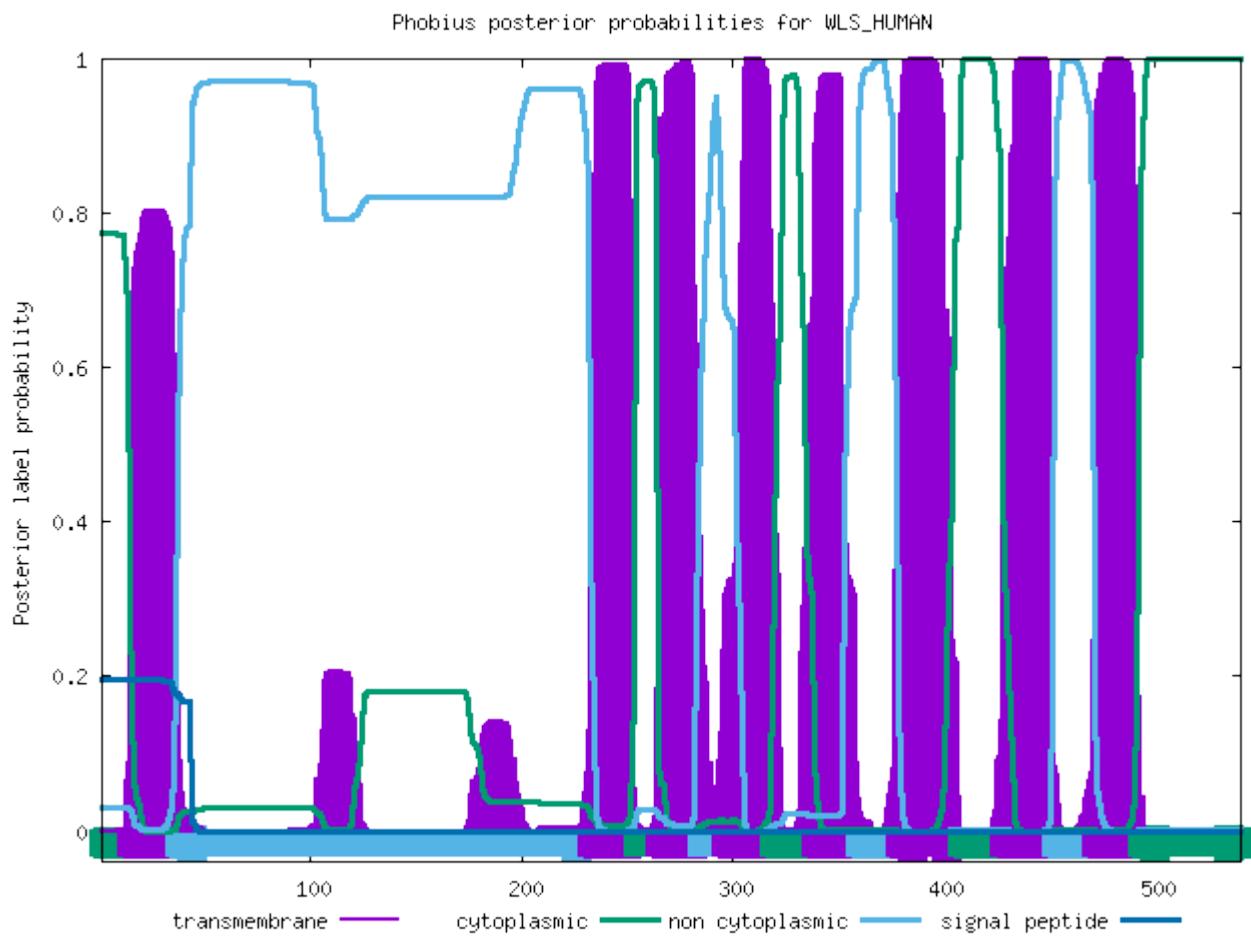
| ID | T2R14_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 36 | |
| FT | TOPO_DOM | 37 | 56 | CYTOPLASMIC. |
| FT | TRANSMEM | 57 | 76 | |
| FT | TOPO_DOM | 77 | 87 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 109 | |
| FT | TOPO_DOM | 110 | 128 | CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 152 | |
| FT | TOPO_DOM | 153 | 177 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 178 | 203 | |
| FT | TOPO_DOM | 204 | 232 | CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 254 | |
| FT | TOPO_DOM | 255 | 259 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 282 | |
| FT | TOPO_DOM | 283 | 317 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of WLS_HUMAN

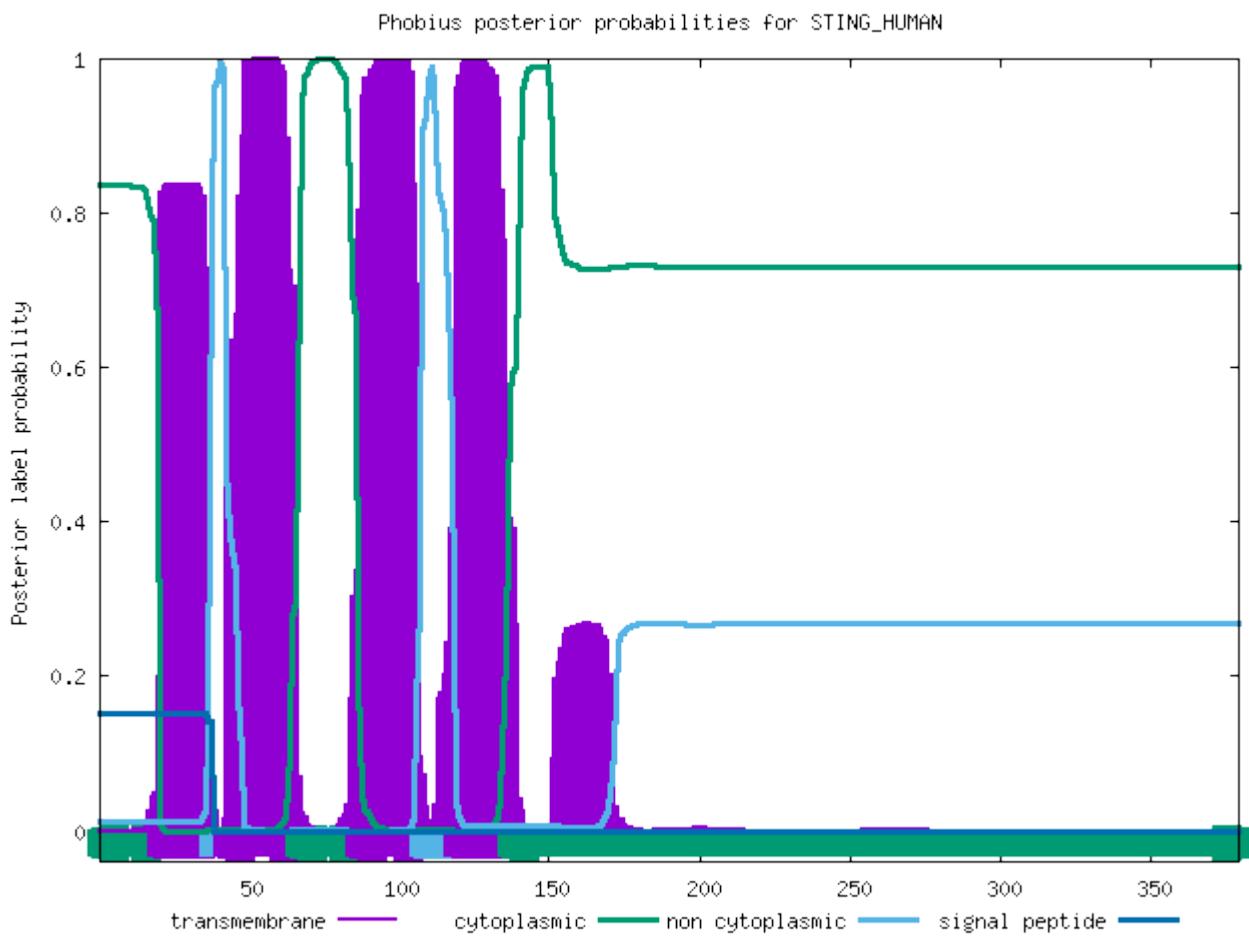
| ID | WLS_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 13 | CYTOPLASMIC. |
| FT | TRANSMEM | 14 | 36 | |
| FT | TOPO_DOM | 37 | 232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 253 | |
| FT | TOPO_DOM | 254 | 264 | CYTOPLASMIC. |
| FT | TRANSMEM | 265 | 284 | |
| FT | TOPO_DOM | 285 | 295 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 296 | 318 | |
| FT | TOPO_DOM | 319 | 338 | CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 359 | |
| FT | TOPO_DOM | 360 | 378 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 379 | 407 | |
| FT | TOPO_DOM | 408 | 427 | CYTOPLASMIC. |
| FT | TRANSMEM | 428 | 452 | |
| FT | TOPO_DOM | 453 | 471 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 472 | 493 | |
| FT | TOPO_DOM | 494 | 541 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STING_HUMAN

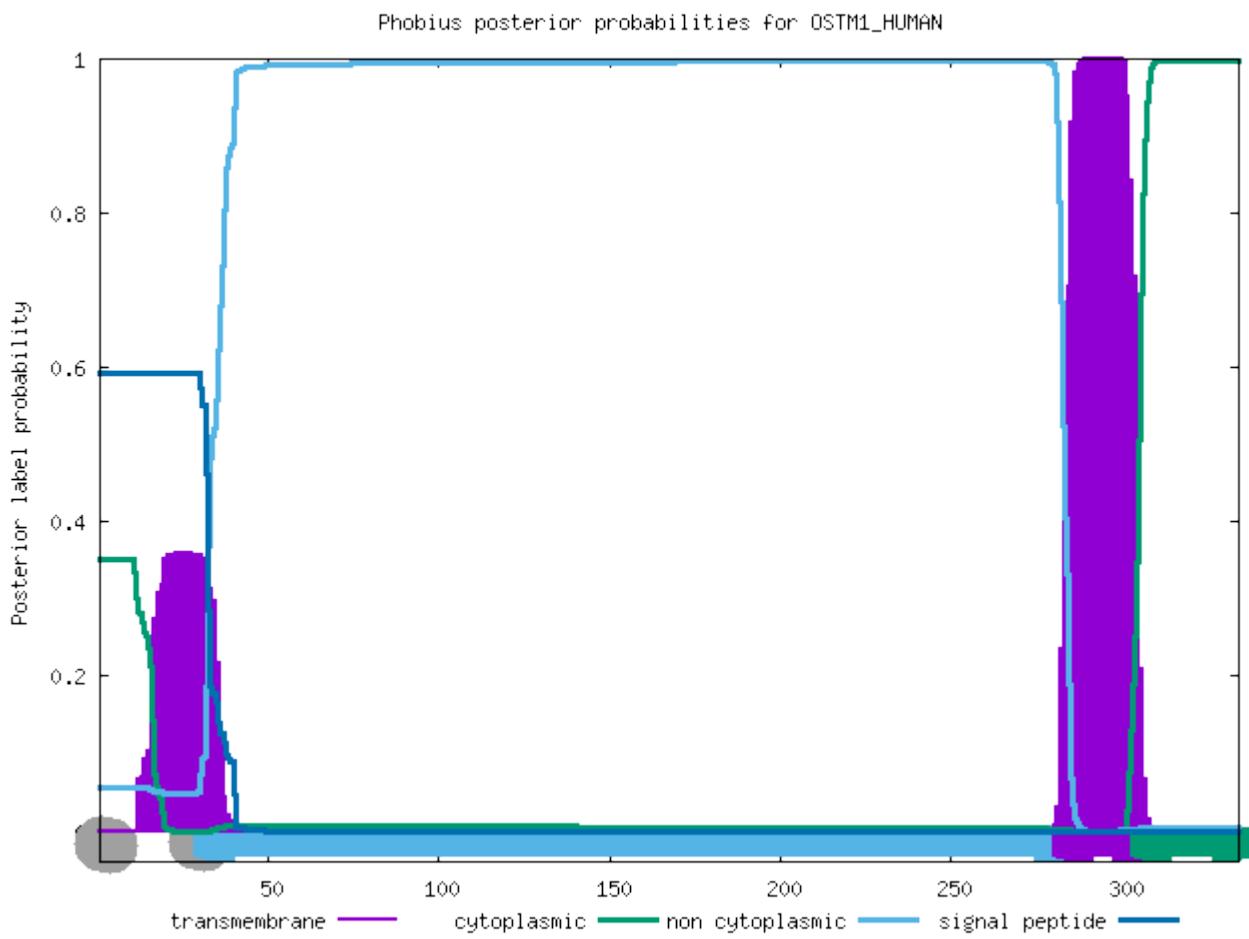
| ID | STING_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 37 | |
| FT | TOPO_DOM | 38 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 66 | |
| FT | TOPO_DOM | 67 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 107 | |
| FT | TOPO_DOM | 108 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 136 | |
| FT | TOPO_DOM | 137 | 379 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OSTM1_HUMAN

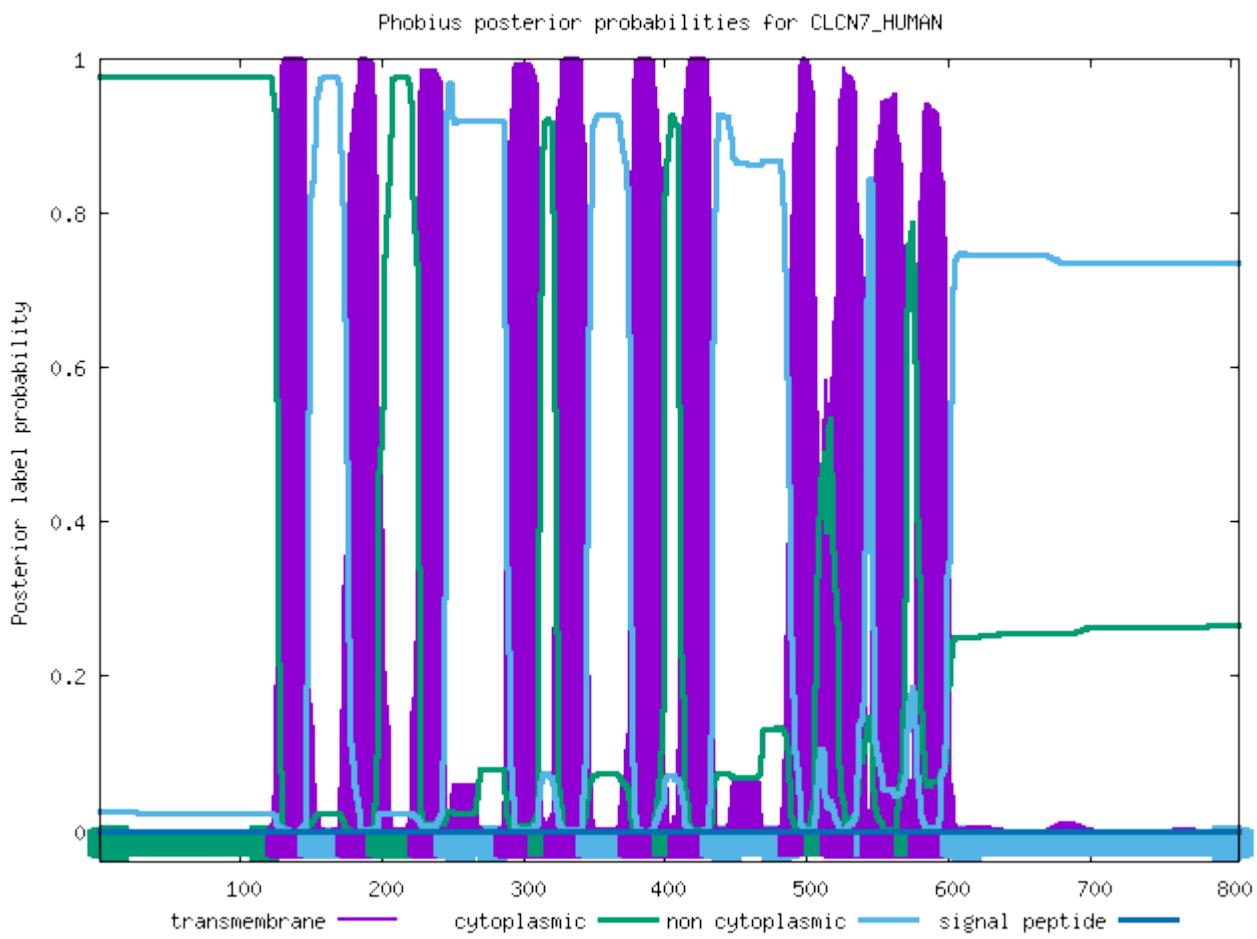
| ID | OSTM1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 31 | |
| FT | REGION | 1 | 11 | N-REGION. |
| FT | REGION | 12 | 23 | H-REGION. |
| FT | REGION | 24 | 31 | C-REGION. |
| FT | TOPO_DOM | 32 | 282 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 283 | 305 | |
| FT | TOPO_DOM | 306 | 334 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CLCN7_HUMAN

| ID | CLCN7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 126 | CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 148 | |
| FT | TOPO_DOM | 149 | 175 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 176 | 197 | |
| FT | TOPO_DOM | 198 | 226 | CYTOPLASMIC. |
| FT | TRANSMEM | 227 | 245 | |
| FT | TOPO_DOM | 246 | 287 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 288 | 311 | |
| FT | TOPO_DOM | 312 | 322 | CYTOPLASMIC. |
| FT | TRANSMEM | 323 | 345 | |
| FT | TOPO_DOM | 346 | 374 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 375 | 399 | |
| FT | TOPO_DOM | 400 | 410 | CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 433 | |
| FT | TOPO_DOM | 434 | 487 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 488 | 506 | |
| FT | TOPO_DOM | 507 | 517 | CYTOPLASMIC. |
| FT | TRANSMEM | 518 | 541 | |
| FT | TOPO_DOM | 542 | 546 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 547 | 569 | |
| FT | TOPO_DOM | 570 | 580 | CYTOPLASMIC. |
| FT | TRANSMEM | 581 | 602 | |
| FT | TOPO_DOM | 603 | 805 | NON CYTOPLASMIC. |
| // | | | | |

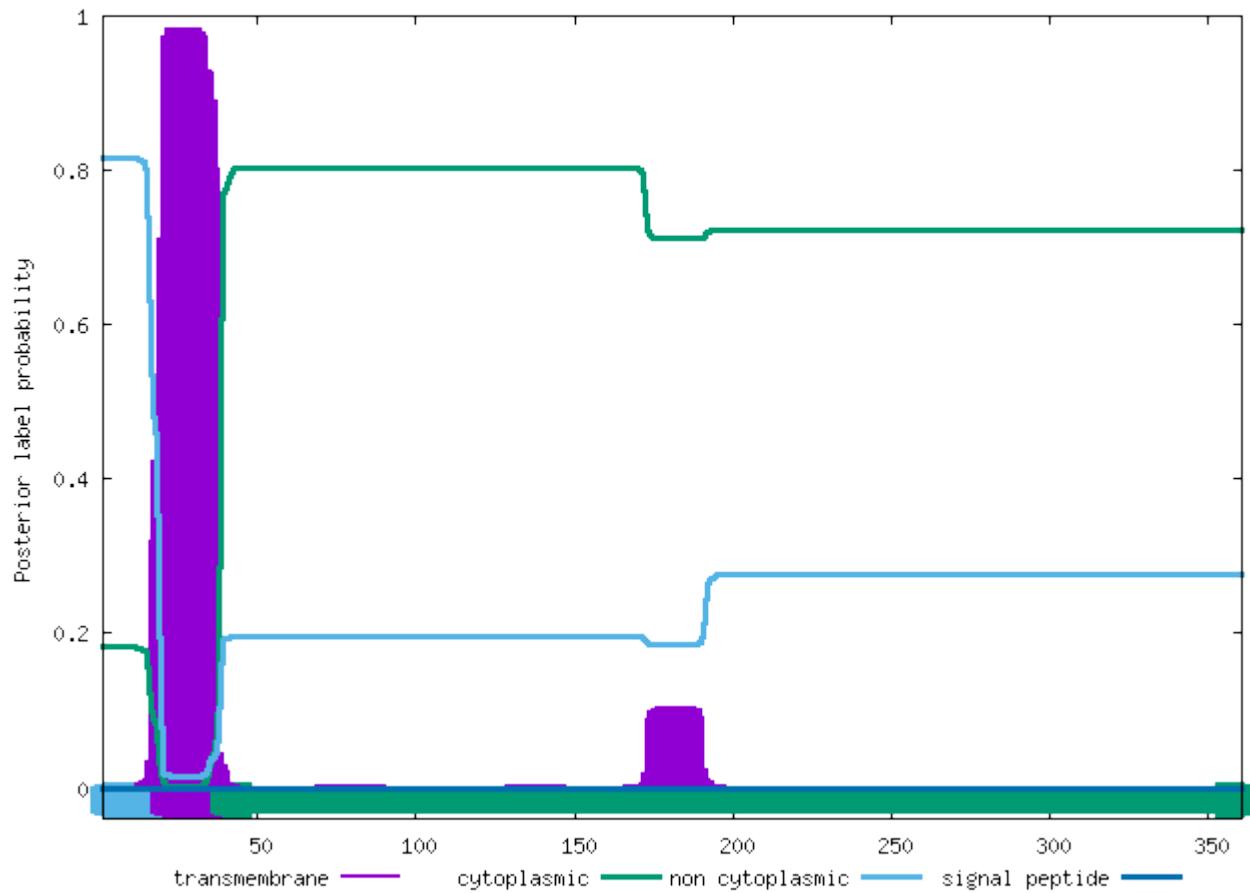


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATAD1_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | ATAD1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 38 | |
| FT | TOPO_DOM | 39 | 361 | CYTOPLASMIC. |
| // | | | | |

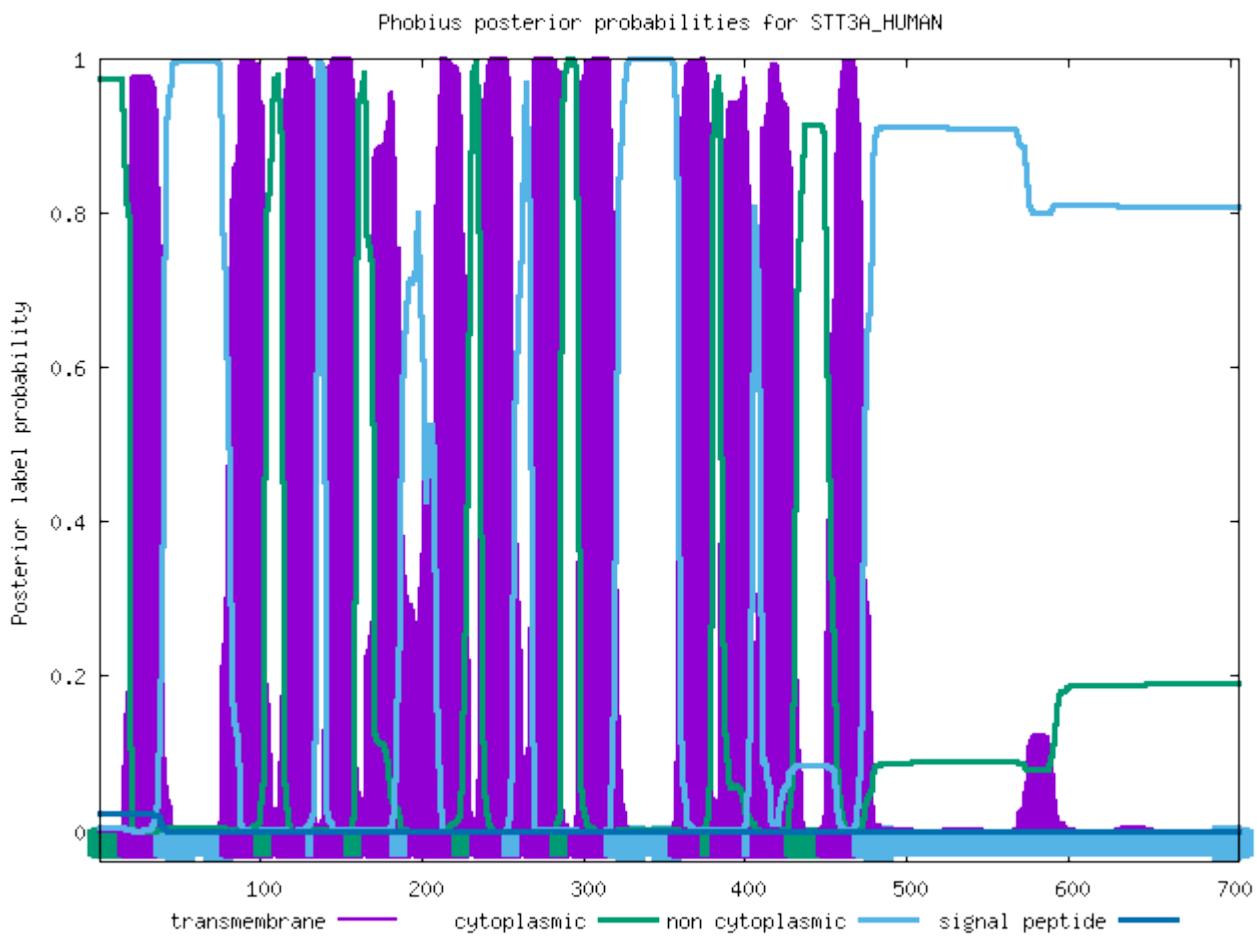
Phobius posterior probabilities for ATAD1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STT3A_HUMAN

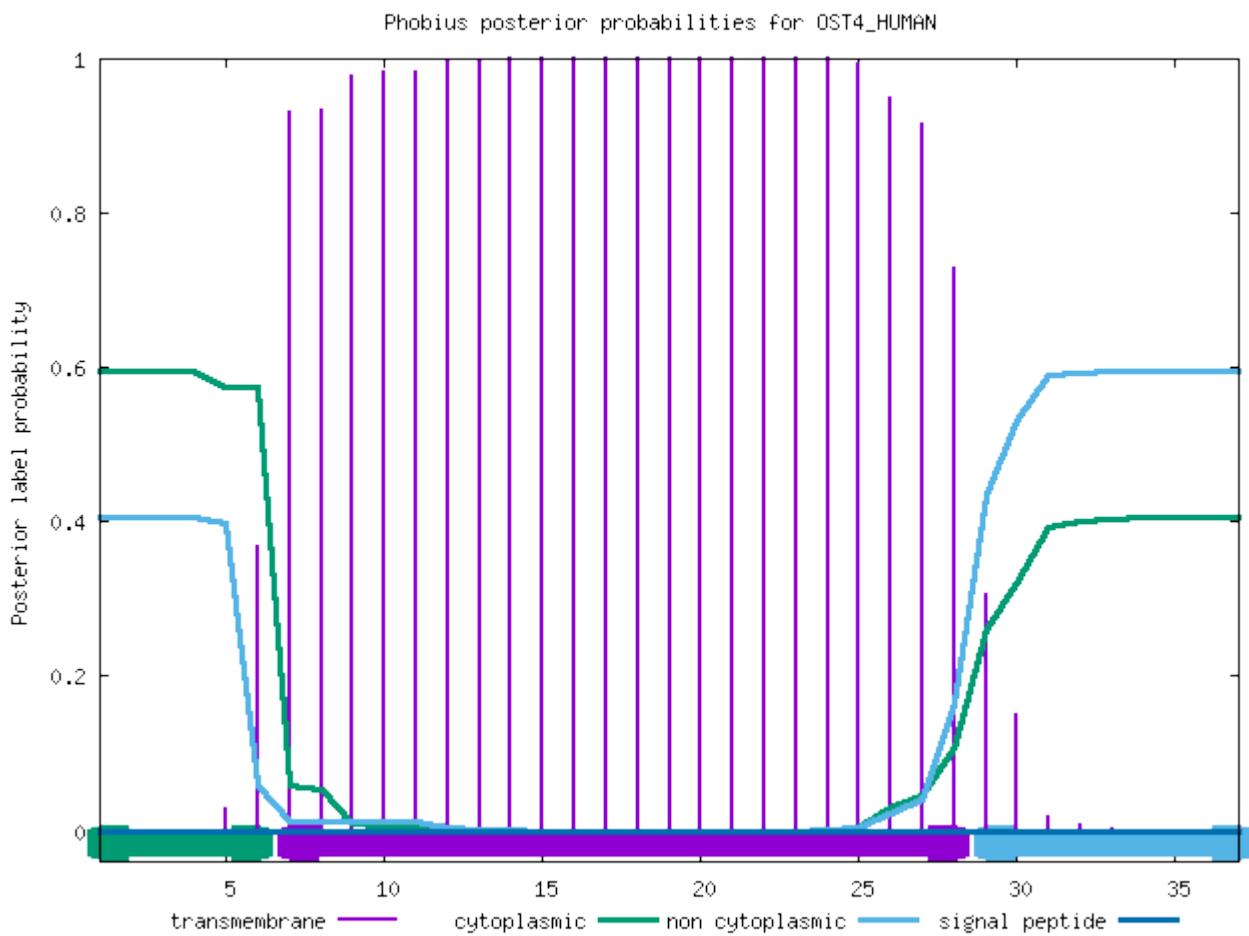
| ID | STT3A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 41 | |
| FT | TOPO_DOM | 42 | 82 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 103 | |
| FT | TOPO_DOM | 104 | 114 | CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 135 | |
| FT | TOPO_DOM | 136 | 140 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 158 | |
| FT | TOPO_DOM | 159 | 169 | CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 187 | |
| FT | TOPO_DOM | 188 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 225 | |
| FT | TOPO_DOM | 226 | 236 | CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 256 | |
| FT | TOPO_DOM | 257 | 267 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 286 | |
| FT | TOPO_DOM | 287 | 297 | CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 319 | |
| FT | TOPO_DOM | 320 | 359 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 360 | 379 | |
| FT | TOPO_DOM | 380 | 385 | CYTOPLASMIC. |
| FT | TRANSMEM | 386 | 404 | |
| FT | TOPO_DOM | 405 | 409 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 410 | 430 | |
| FT | TOPO_DOM | 431 | 450 | CYTOPLASMIC. |
| FT | TRANSMEM | 451 | 473 | |
| FT | TOPO_DOM | 474 | 705 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OST4_HUMAN

| | | | | |
|----|------------|----|----|------------------|
| ID | OST4_HUMAN | | | |
| FT | TOPO_DOM | 1 | 6 | CYTOPLASMIC. |
| FT | TRANSMEM | 7 | 28 | |
| FT | TOPO_DOM | 29 | 37 | NON CYTOPLASMIC. |
| // | | | | |

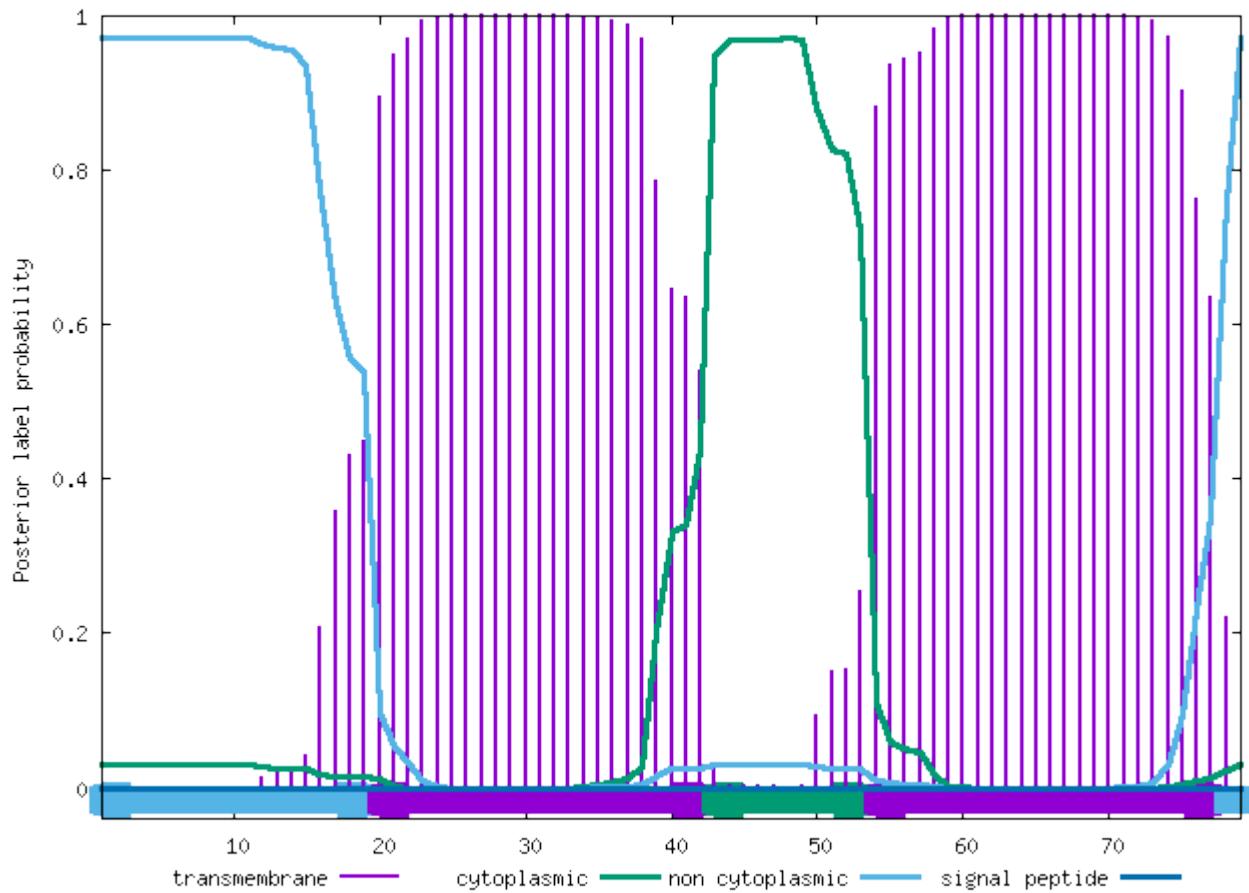


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TM258_HUMAN

| ID | TM258_HUMAN | | | |
|----|-------------|----|----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 42 | |
| FT | TOPO_DOM | 43 | 53 | CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 77 | |
| FT | TOPO_DOM | 78 | 79 | NON CYTOPLASMIC. |
| // | | | | |

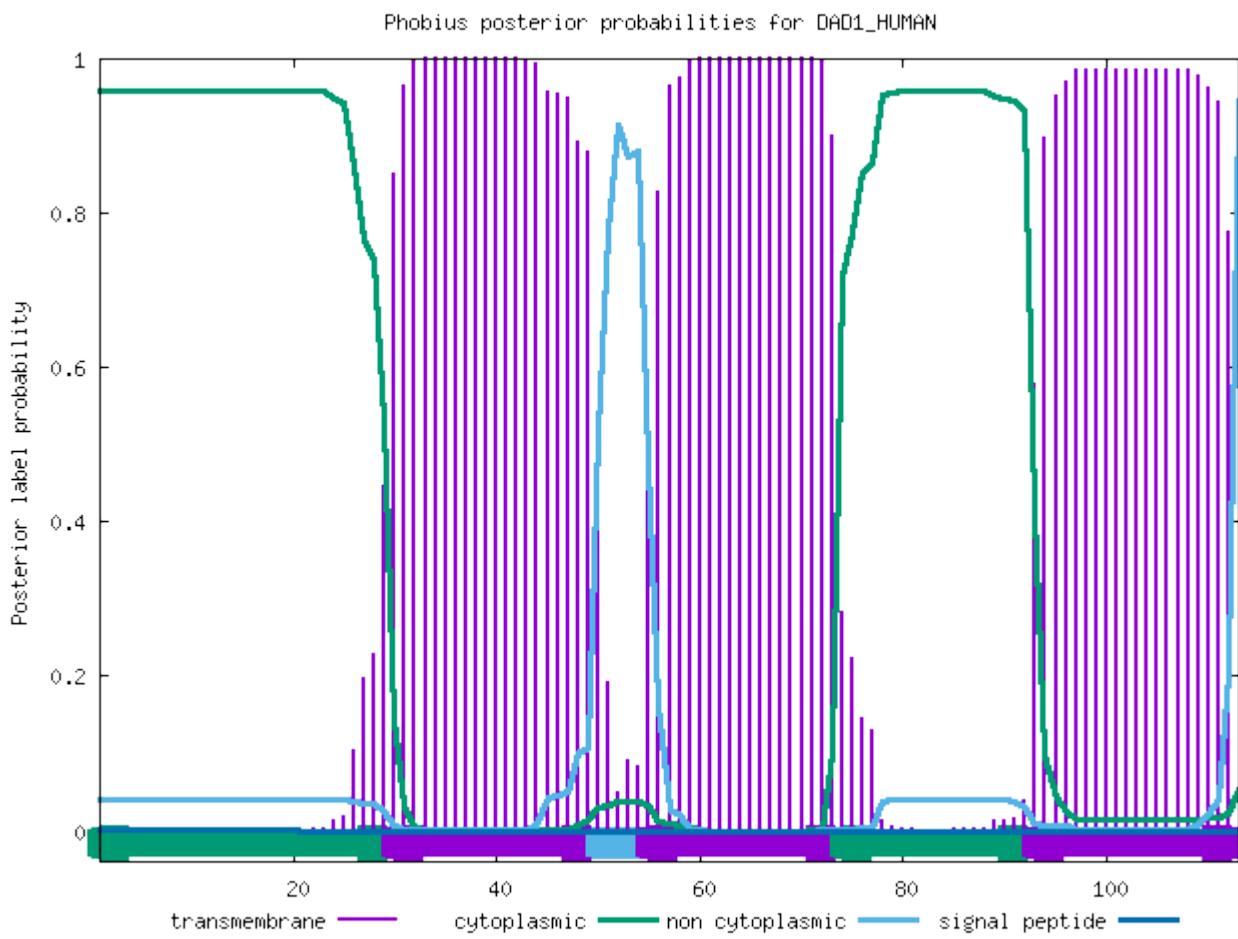
Phobius posterior probabilities for TM258_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DAD1_HUMAN

| | | | | |
|----|------------|-----|-----|------------------|
| ID | DAD1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 29 | CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 49 | |
| FT | TOPO_DOM | 50 | 54 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 73 | |
| FT | TOPO_DOM | 74 | 92 | CYTOPLASMIC. |
| FT | TRANSMEM | 93 | 112 | |
| FT | TOPO_DOM | 113 | 113 | NON CYTOPLASMIC. |
| // | | | | |

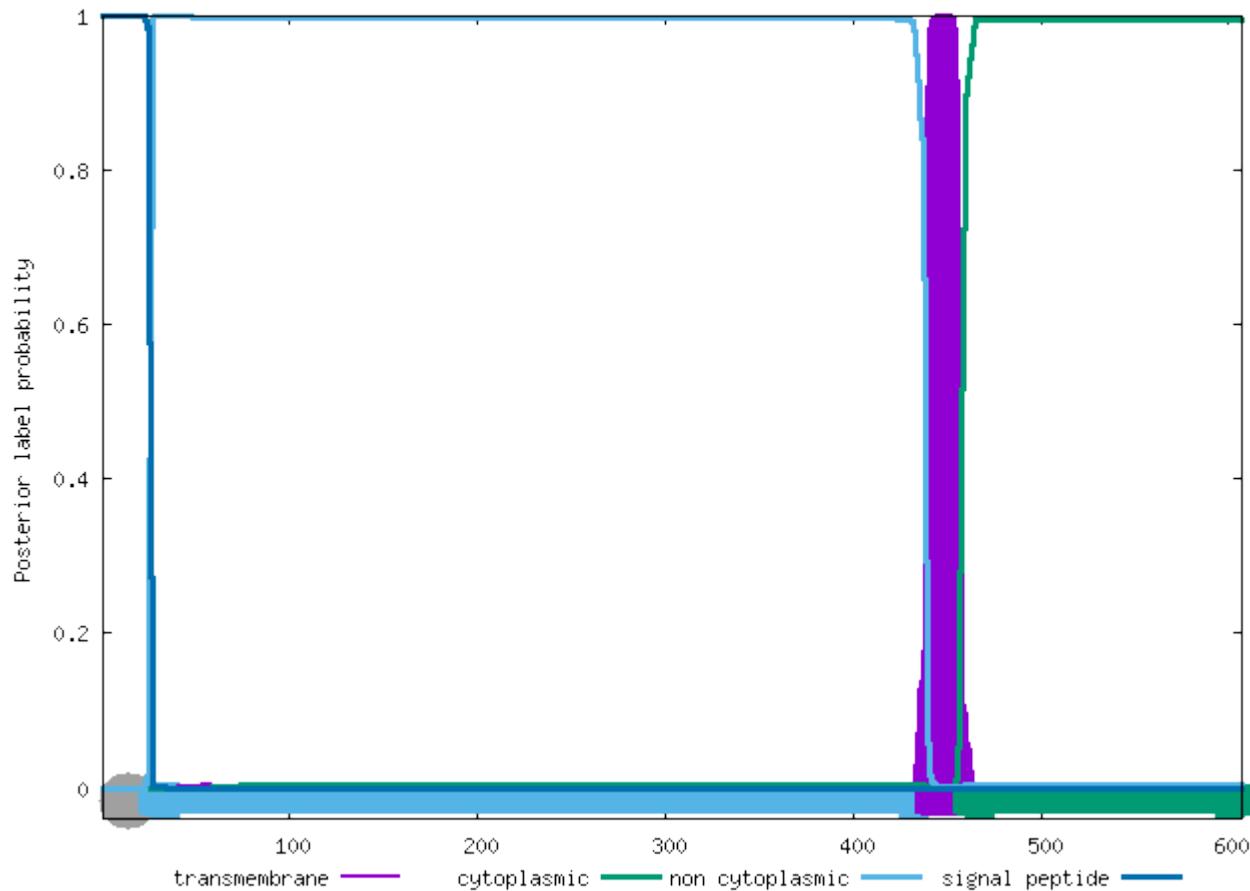


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RPN1_HUMAN

| ID | RPN1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 26 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 26 | C-REGION. |
| FT | TOPO_DOM | 27 | 439 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 440 | 459 | |
| FT | TOPO_DOM | 460 | 607 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for RPN1_HUMAN

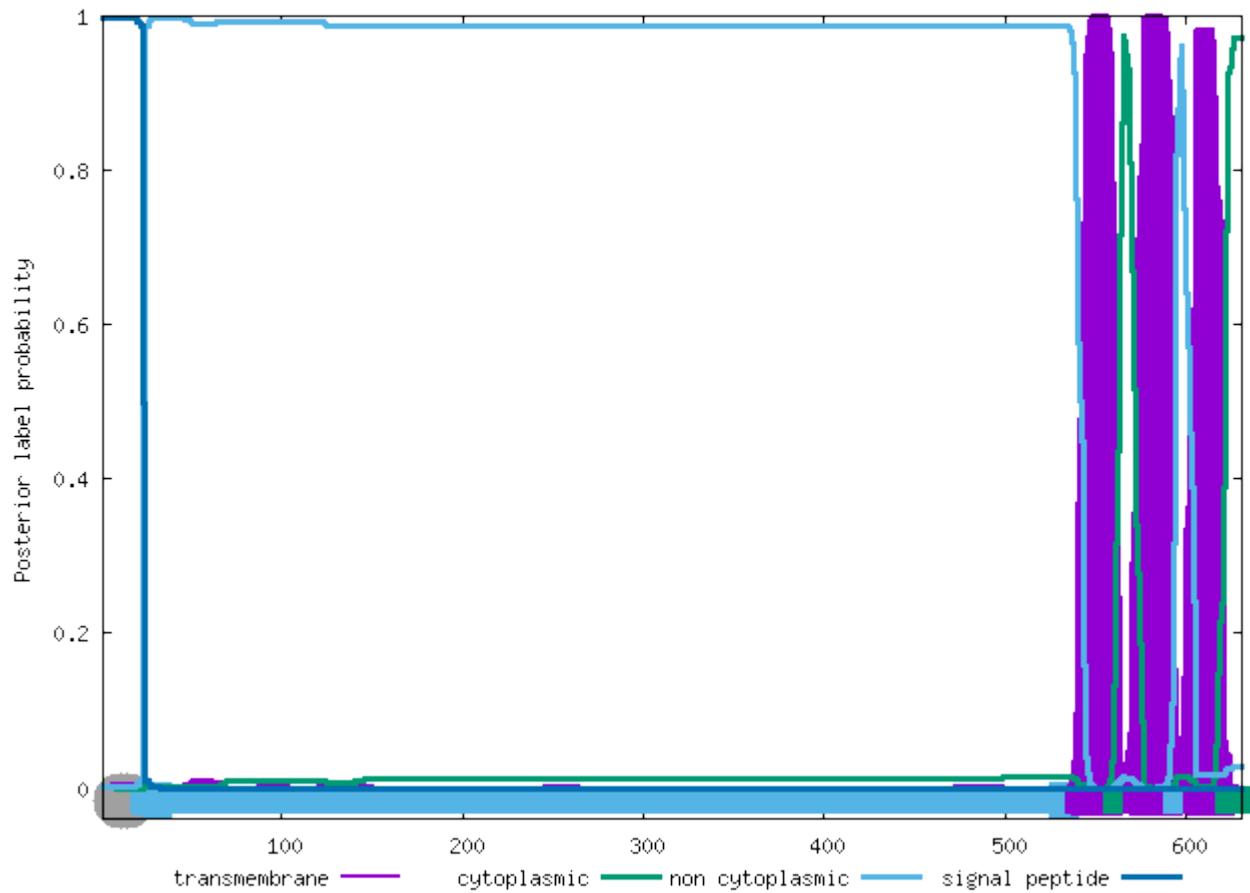


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RPN2_HUMAN

| ID | RPN2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 539 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 540 | 560 | |
| FT | TOPO_DOM | 561 | 571 | CYTOPLASMIC. |
| FT | TRANSMEM | 572 | 593 | |
| FT | TOPO_DOM | 594 | 604 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 605 | 622 | |
| FT | TOPO_DOM | 623 | 631 | CYTOPLASMIC. |
| // | | | | |

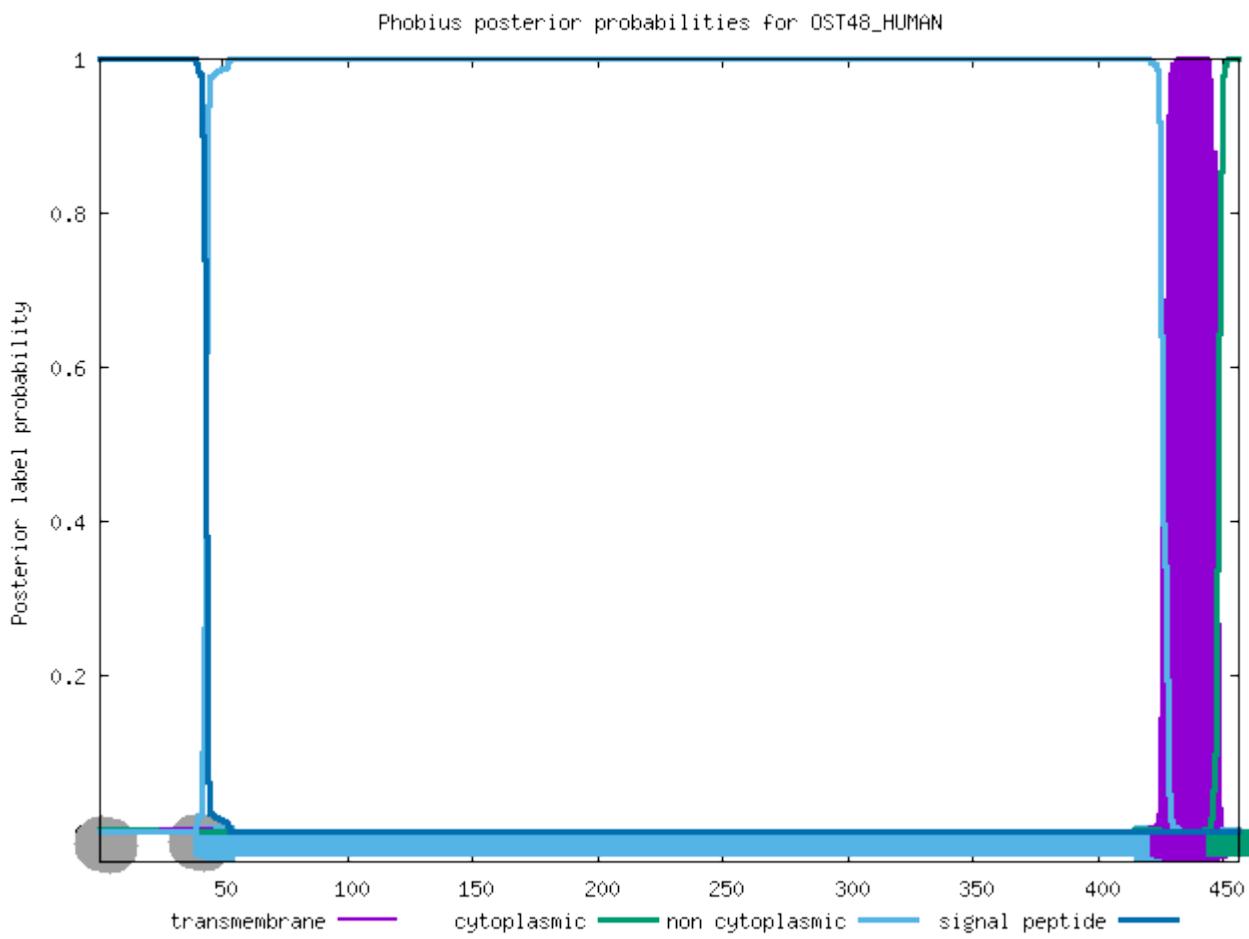
Phobius posterior probabilities for RPN2_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OST48_HUMAN

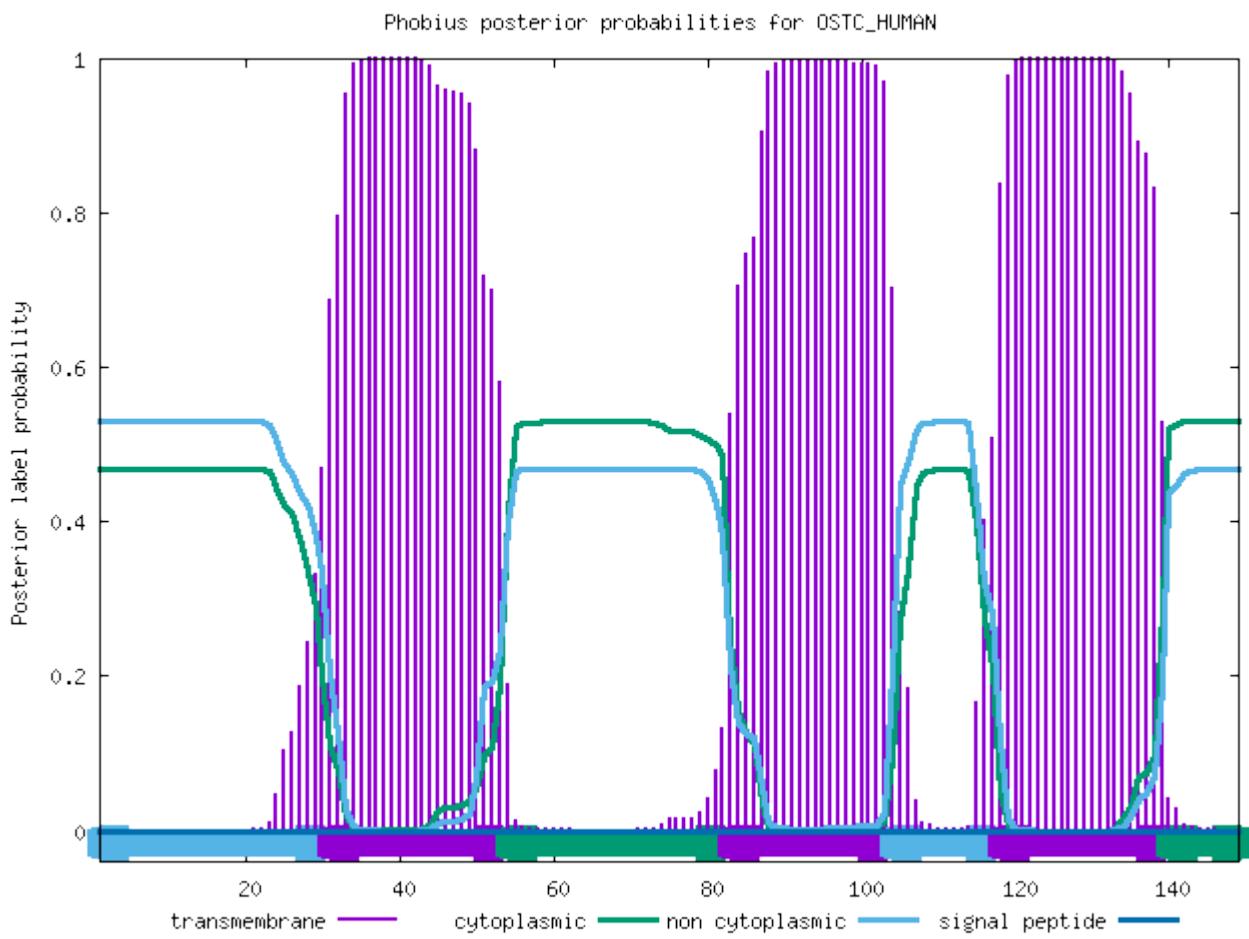
| ID | OST48_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 42 | |
| FT | REGION | 1 | 25 | N-REGION. |
| FT | REGION | 26 | 37 | H-REGION. |
| FT | REGION | 38 | 42 | C-REGION. |
| FT | TOPO_DOM | 43 | 425 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 426 | 447 | |
| FT | TOPO_DOM | 448 | 456 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of OSTC_HUMAN

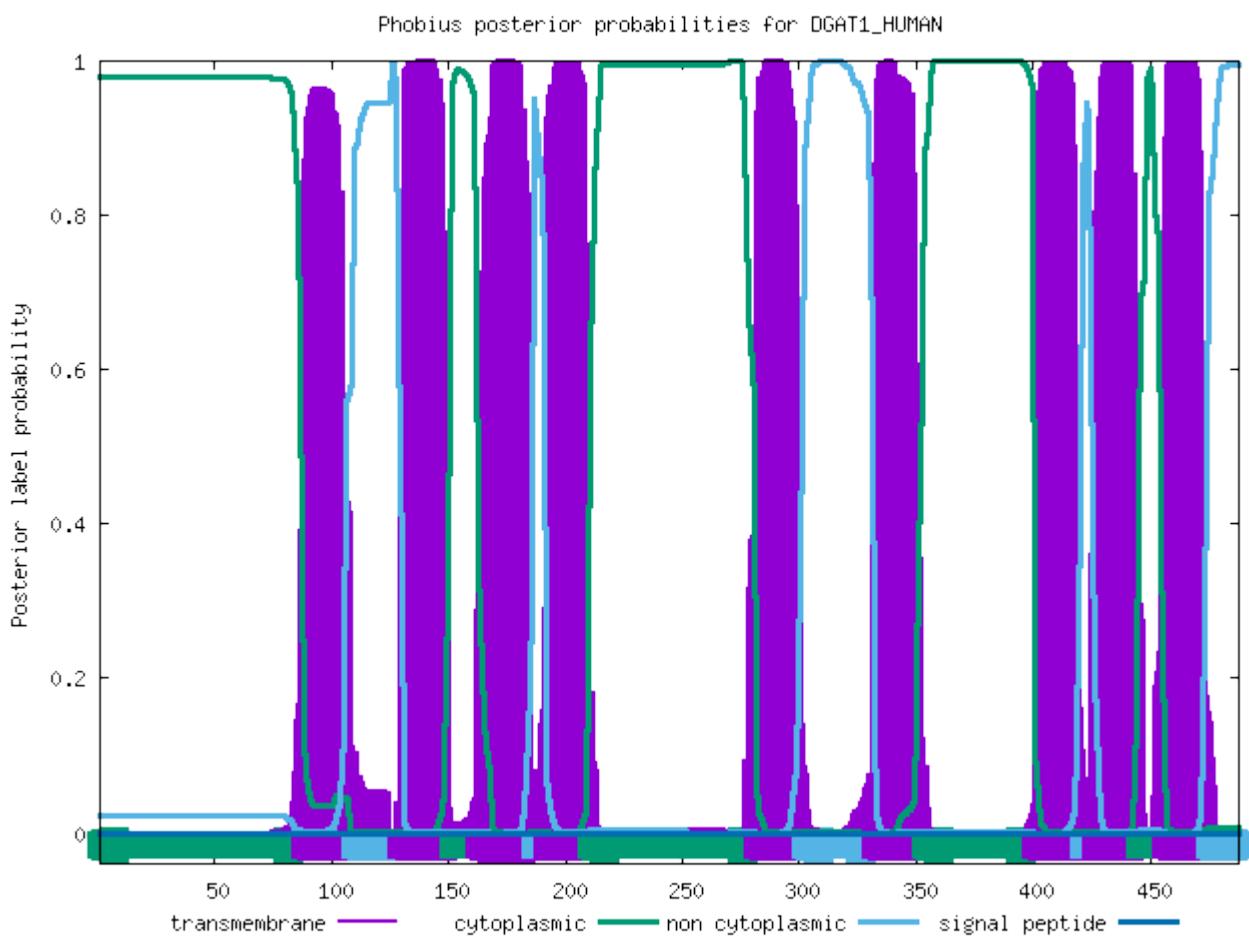
| ID | OSTC_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 30 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 53 | |
| FT | TOPO_DOM | 54 | 82 | CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 103 | |
| FT | TOPO_DOM | 104 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 149 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DGAT1_HUMAN

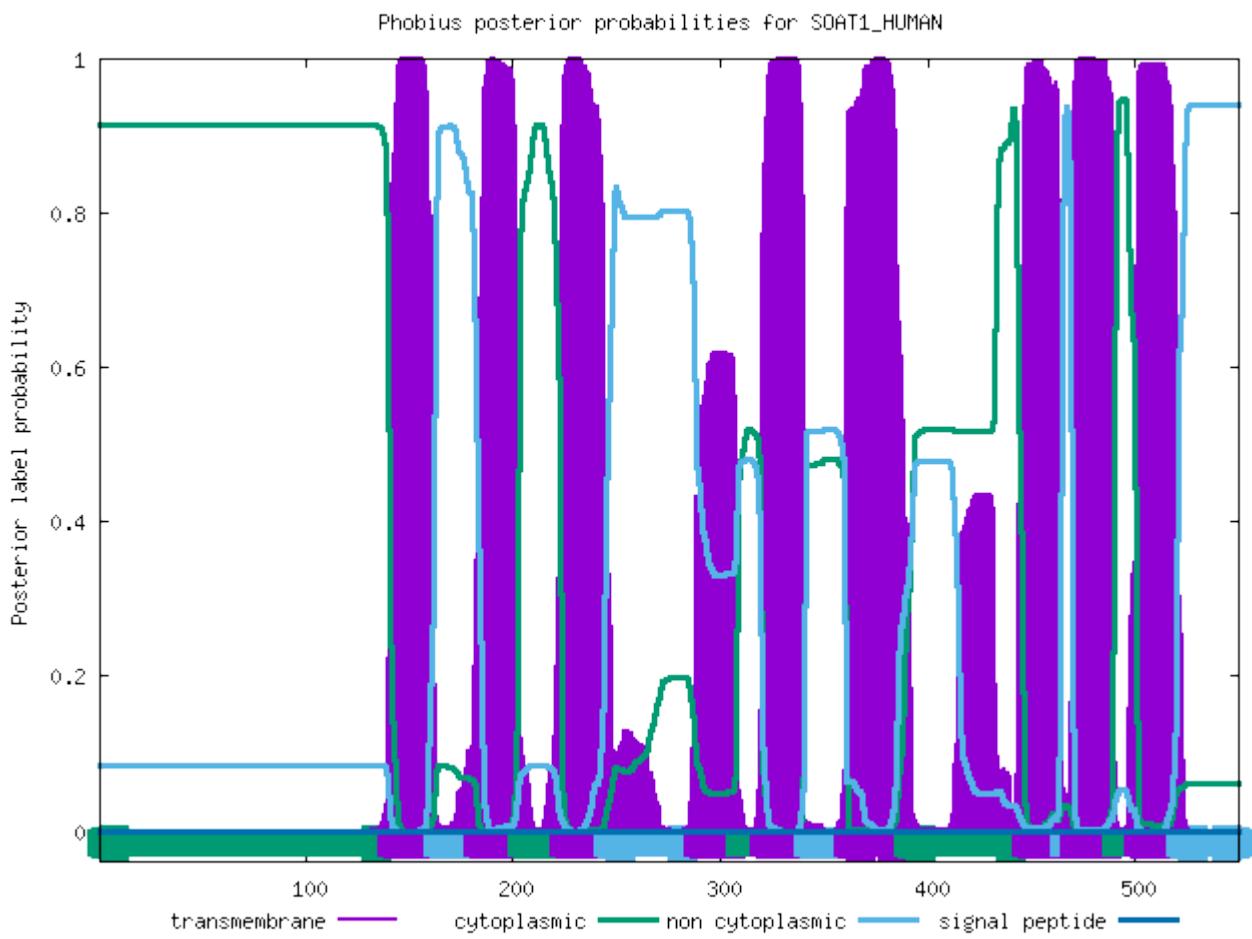
| ID | DGAT1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 109 | |
| FT | TOPO_DOM | 110 | 128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 151 | |
| FT | TOPO_DOM | 152 | 162 | CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 186 | |
| FT | TOPO_DOM | 187 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 210 | |
| FT | TOPO_DOM | 211 | 281 | CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 301 | |
| FT | TOPO_DOM | 302 | 331 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 332 | 353 | |
| FT | TOPO_DOM | 354 | 400 | CYTOPLASMIC. |
| FT | TRANSMEM | 401 | 420 | |
| FT | TOPO_DOM | 421 | 425 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 426 | 444 | |
| FT | TOPO_DOM | 445 | 455 | CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 474 | |
| FT | TOPO_DOM | 475 | 488 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SOAT1_HUMAN

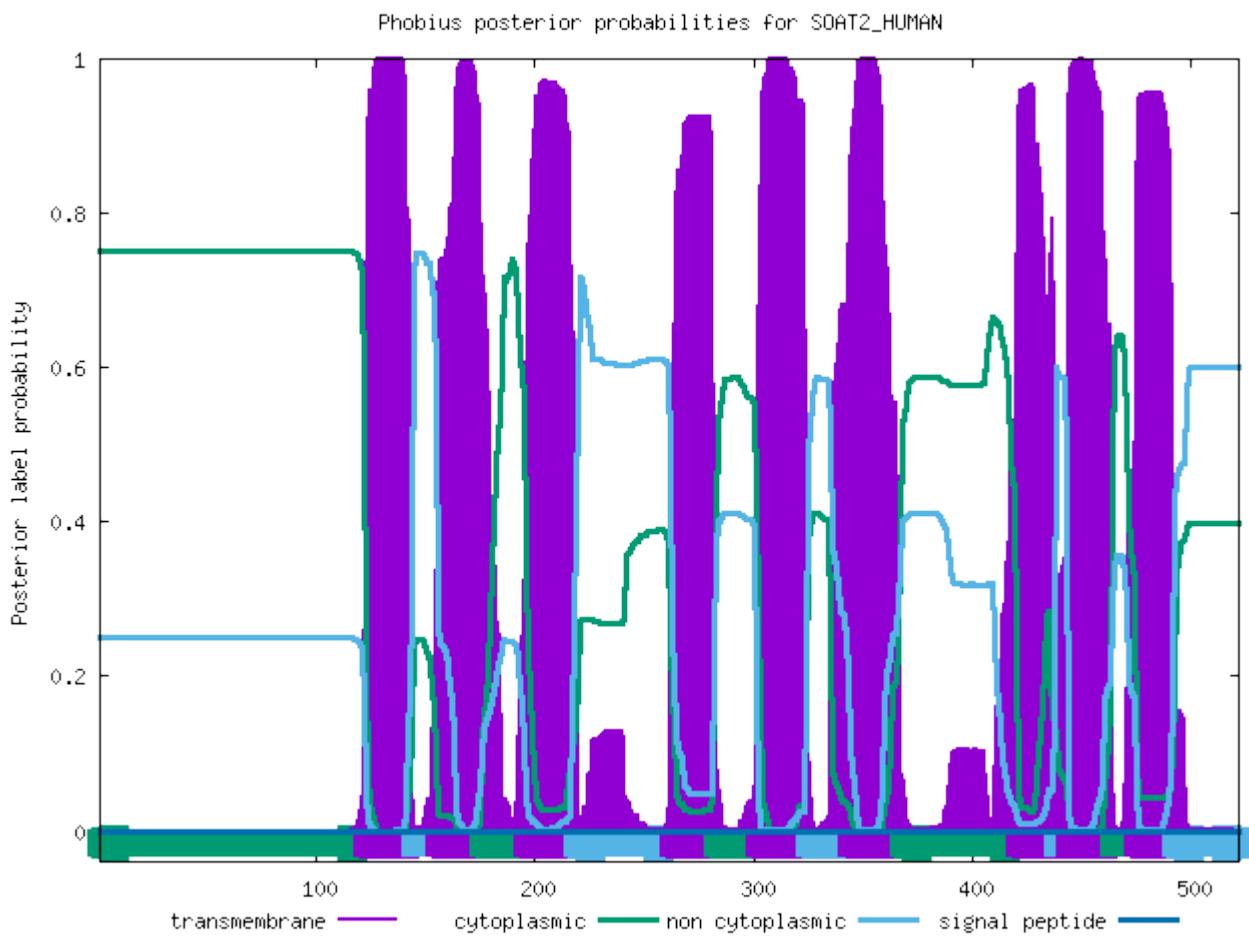
| ID | SOAT1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 140 | CYTOPLASMIC. |
| FT | TRANSMEM | 141 | 162 | |
| FT | TOPO_DOM | 163 | 181 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 203 | |
| FT | TOPO_DOM | 204 | 223 | CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 244 | |
| FT | TOPO_DOM | 245 | 288 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 308 | |
| FT | TOPO_DOM | 309 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 341 | |
| FT | TOPO_DOM | 342 | 360 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 361 | 389 | |
| FT | TOPO_DOM | 390 | 446 | CYTOPLASMIC. |
| FT | TRANSMEM | 447 | 464 | |
| FT | TOPO_DOM | 465 | 469 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 470 | 489 | |
| FT | TOPO_DOM | 490 | 500 | CYTOPLASMIC. |
| FT | TRANSMEM | 501 | 520 | |
| FT | TOPO_DOM | 521 | 550 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SOAT2_HUMAN

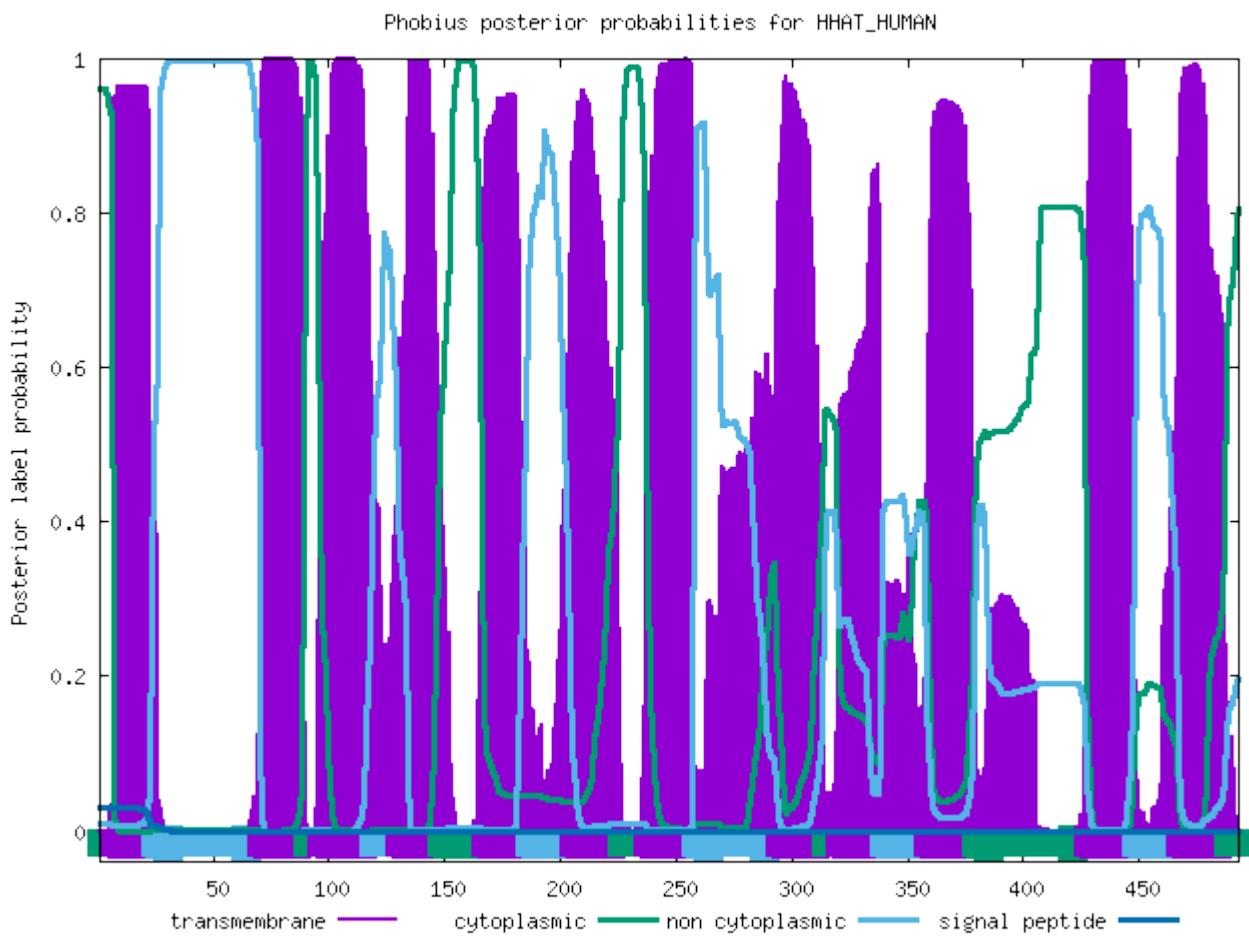
| ID | SOAT2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 122 | CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 144 | |
| FT | TOPO_DOM | 145 | 155 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 175 | |
| FT | TOPO_DOM | 176 | 195 | CYTOPLASMIC. |
| FT | TRANSMEM | 196 | 218 | |
| FT | TOPO_DOM | 219 | 262 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 282 | |
| FT | TOPO_DOM | 283 | 301 | CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 324 | |
| FT | TOPO_DOM | 325 | 343 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 344 | 367 | |
| FT | TOPO_DOM | 368 | 420 | CYTOPLASMIC. |
| FT | TRANSMEM | 421 | 438 | |
| FT | TOPO_DOM | 439 | 443 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 444 | 463 | |
| FT | TOPO_DOM | 464 | 474 | CYTOPLASMIC. |
| FT | TRANSMEM | 475 | 492 | |
| FT | TOPO_DOM | 493 | 522 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of HHAT_HUMAN

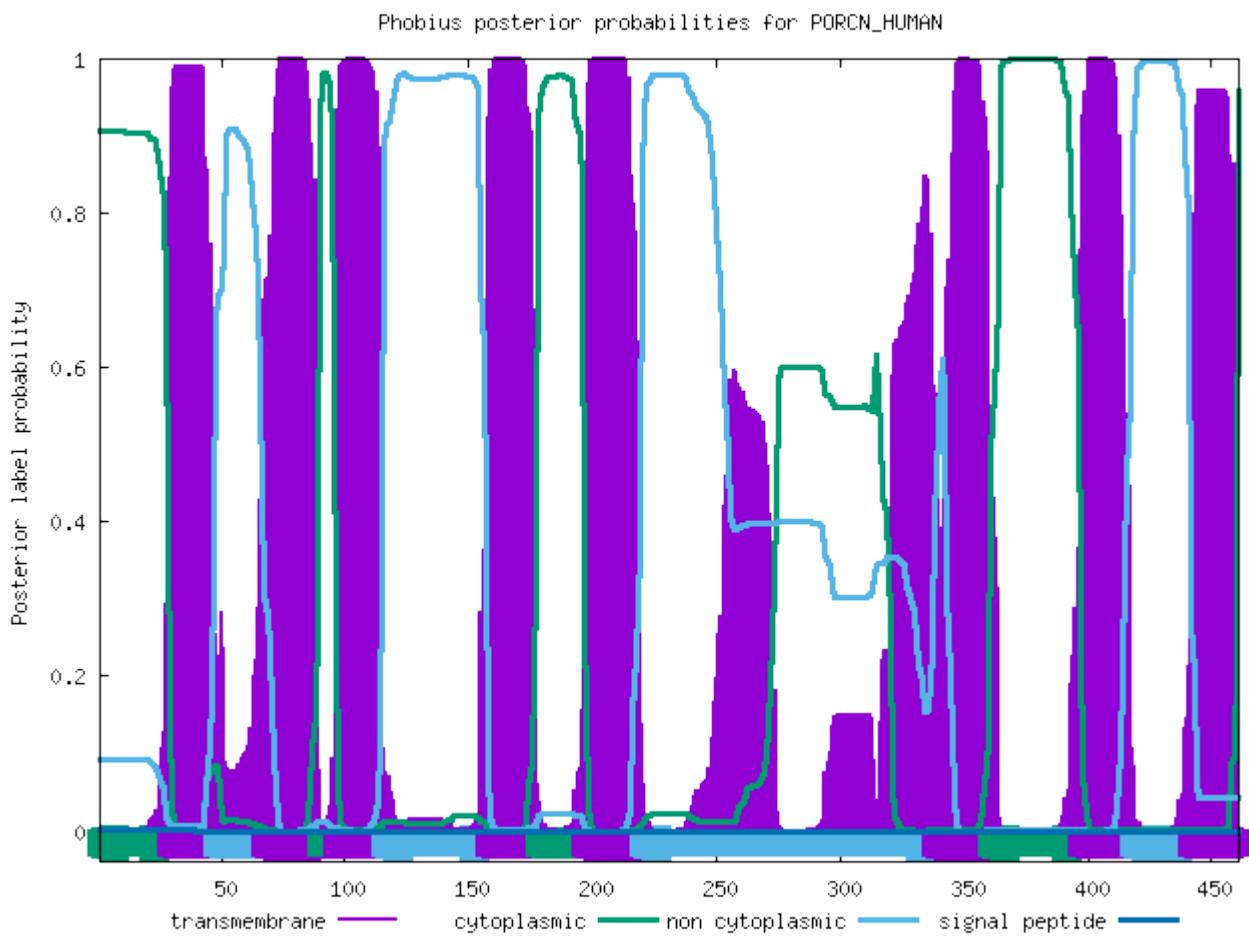
| ID | HHAT_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 6 | CYTOPLASMIC. |
| FT | TRANSMEM | 7 | 23 | |
| FT | TOPO_DOM | 24 | 69 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 89 | |
| FT | TOPO_DOM | 90 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 118 | |
| FT | TOPO_DOM | 119 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 147 | |
| FT | TOPO_DOM | 148 | 166 | CYTOPLASMIC. |
| FT | TRANSMEM | 167 | 185 | |
| FT | TOPO_DOM | 186 | 204 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 205 | 225 | |
| FT | TOPO_DOM | 226 | 236 | CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 257 | |
| FT | TOPO_DOM | 258 | 293 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 294 | 313 | |
| FT | TOPO_DOM | 314 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 338 | |
| FT | TOPO_DOM | 339 | 357 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 358 | 378 | |
| FT | TOPO_DOM | 379 | 426 | CYTOPLASMIC. |
| FT | TRANSMEM | 427 | 447 | |
| FT | TOPO_DOM | 448 | 466 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 467 | 487 | |
| FT | TOPO_DOM | 488 | 493 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PORCN_HUMAN

| ID | PORCN_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 47 | |
| FT | TOPO_DOM | 48 | 66 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 89 | |
| FT | TOPO_DOM | 90 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 115 | |
| FT | TOPO_DOM | 116 | 157 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 177 | |
| FT | TOPO_DOM | 178 | 196 | CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 219 | |
| FT | TOPO_DOM | 220 | 337 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 338 | 360 | |
| FT | TOPO_DOM | 361 | 396 | CYTOPLASMIC. |
| FT | TRANSMEM | 397 | 417 | |
| FT | TOPO_DOM | 418 | 441 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 442 | 460 | |
| FT | TOPO_DOM | 461 | 461 | CYTOPLASMIC. |
| // | | | | |

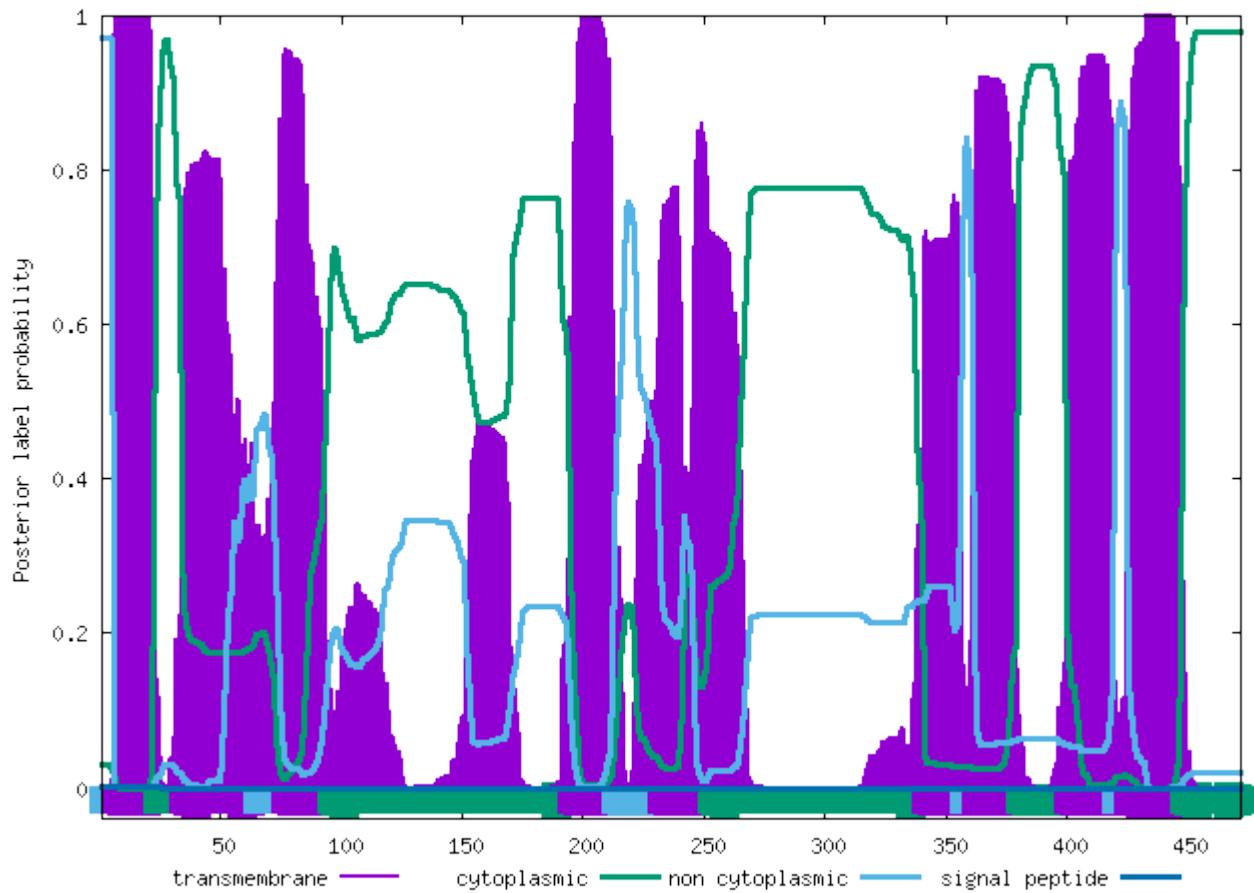


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MBOA7_HUMAN

| ID | MBOA7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 22 | |
| FT | TOPO_DOM | 23 | 33 | CYTOPLASMIC. |
| FT | TRANSMEM | 34 | 64 | |
| FT | TOPO_DOM | 65 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 94 | |
| FT | TOPO_DOM | 95 | 194 | CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 212 | |
| FT | TOPO_DOM | 213 | 231 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 232 | 252 | |
| FT | TOPO_DOM | 253 | 340 | CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 356 | |
| FT | TOPO_DOM | 357 | 361 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 362 | 379 | |
| FT | TOPO_DOM | 380 | 399 | CYTOPLASMIC. |
| FT | TRANSMEM | 400 | 419 | |
| FT | TOPO_DOM | 420 | 424 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 425 | 447 | |
| FT | TOPO_DOM | 448 | 472 | CYTOPLASMIC. |
| // | | | | |

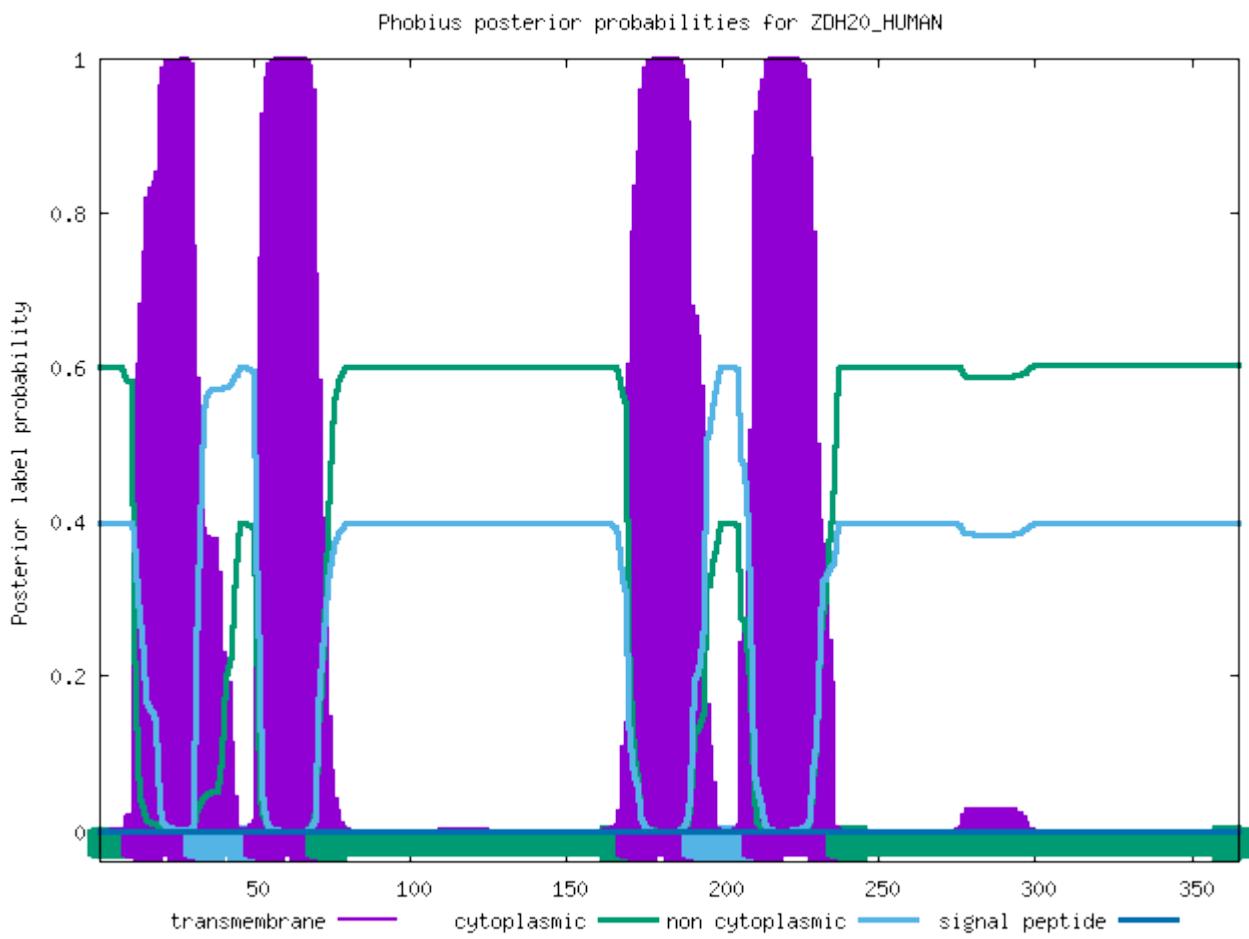
Phobius posterior probabilities for MBOA7_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ZDH20_HUMAN

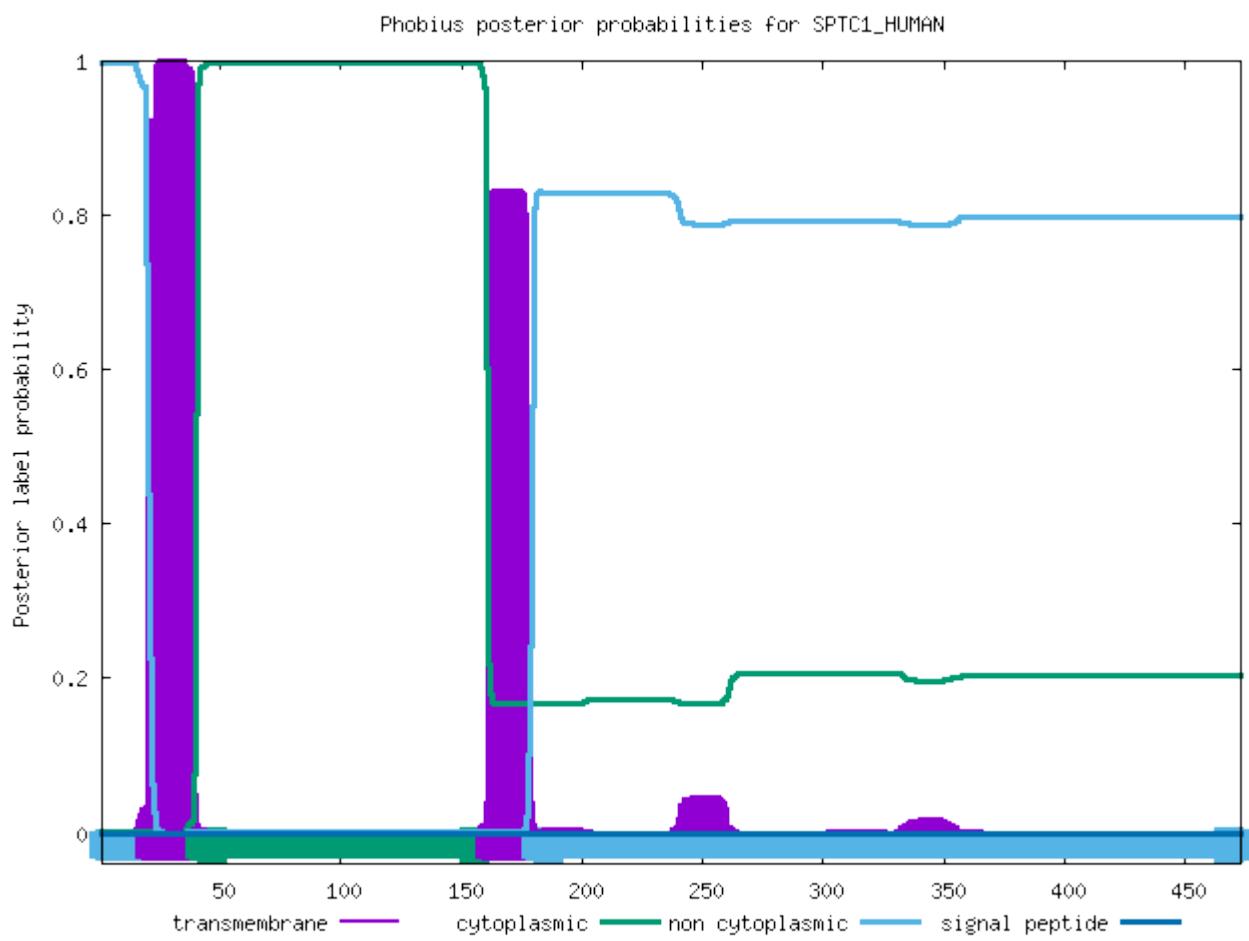
| ID | ZDH20_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 31 | |
| FT | TOPO_DOM | 32 | 50 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 51 | 70 | |
| FT | TOPO_DOM | 71 | 169 | CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 190 | |
| FT | TOPO_DOM | 191 | 209 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 236 | |
| FT | TOPO_DOM | 237 | 365 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPTC1_HUMAN

| ID | SPTC1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 40 | |
| FT | TOPO_DOM | 41 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 179 | |
| FT | TOPO_DOM | 180 | 473 | NON CYTOPLASMIC. |
| // | | | | |

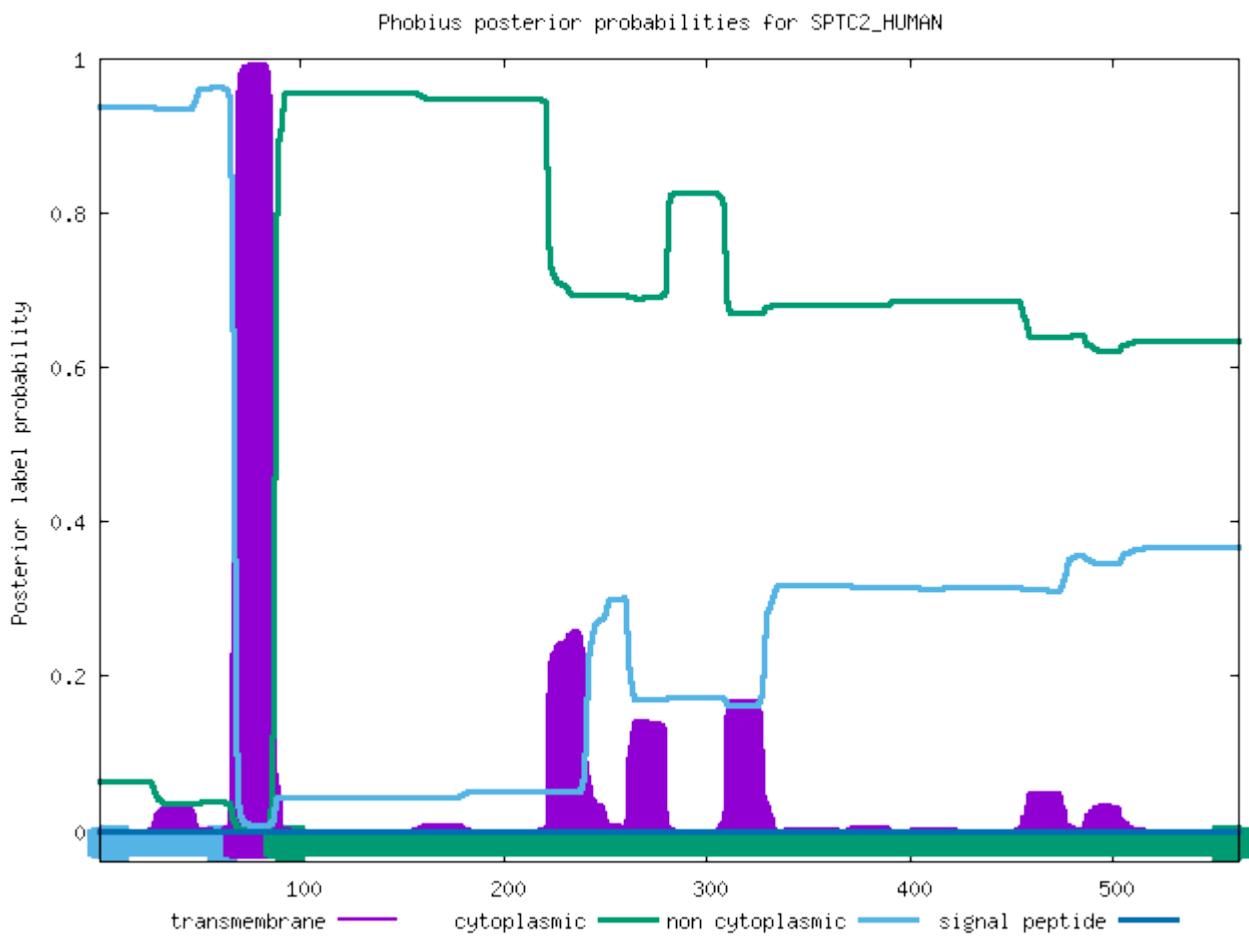


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPTC2_HUMAN

```

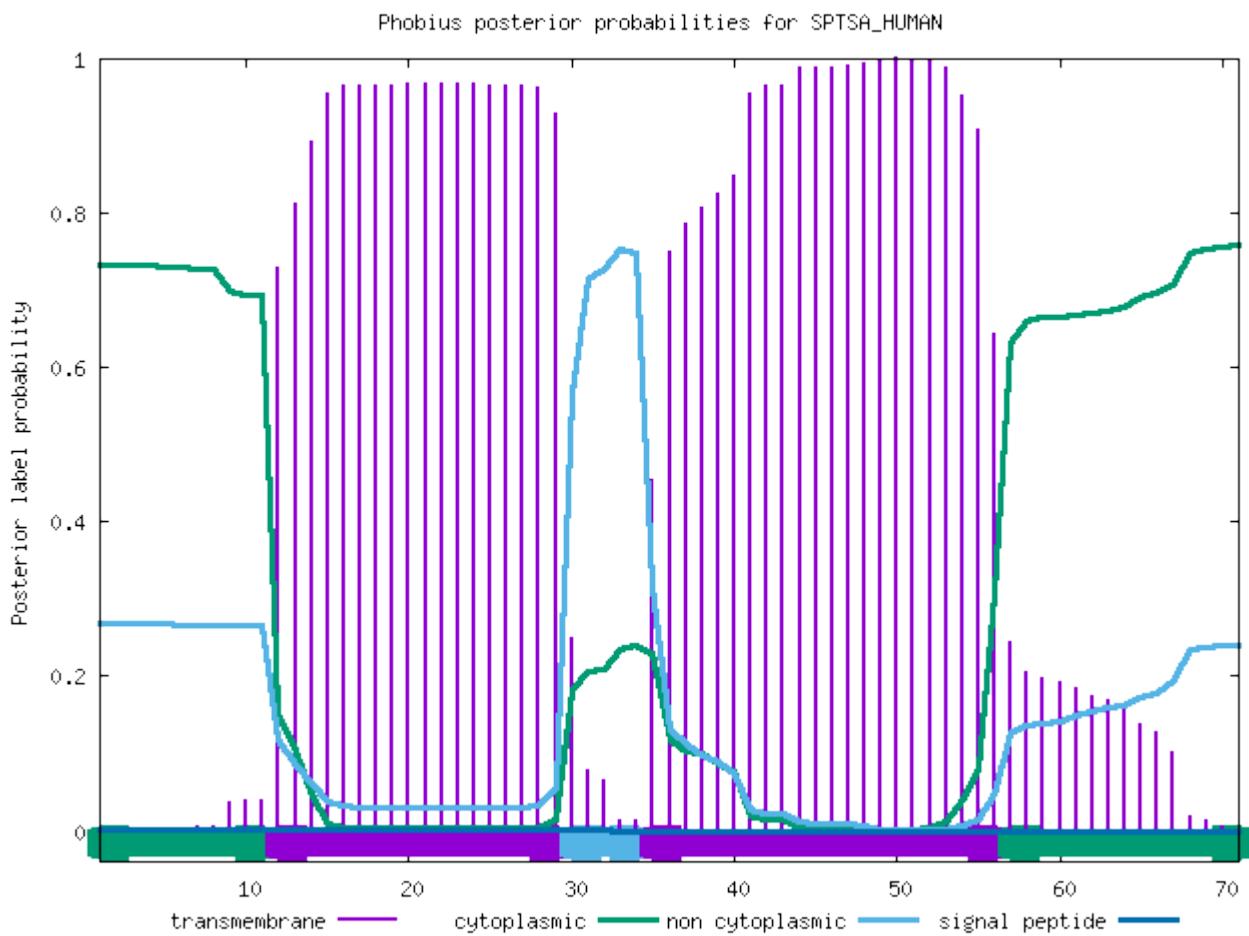
ID  SPTC2_HUMAN
FT  TOPO_DOM      1     67      NON CYTOPLASMIC.
FT  TRANSMEM      68    87
FT  TOPO_DOM      88   562      CYTOPLASMIC.
//
```



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPTSA_HUMAN

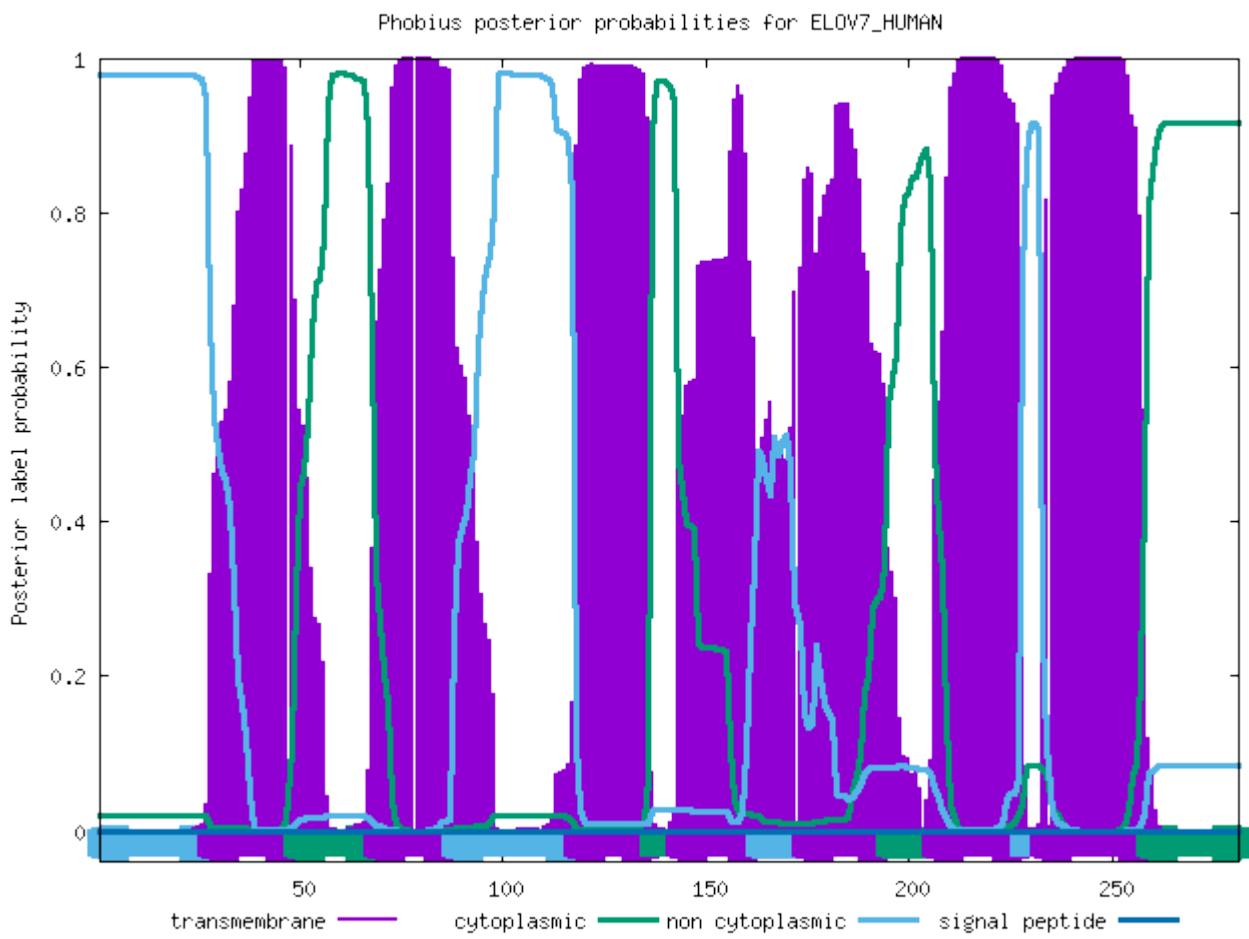
| ID | SPTSA_HUMAN | | | |
|----|-------------|----|----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 29 | |
| FT | TOPO_DOM | 30 | 34 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 35 | 56 | |
| FT | TOPO_DOM | 57 | 71 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ELOV7_HUMAN

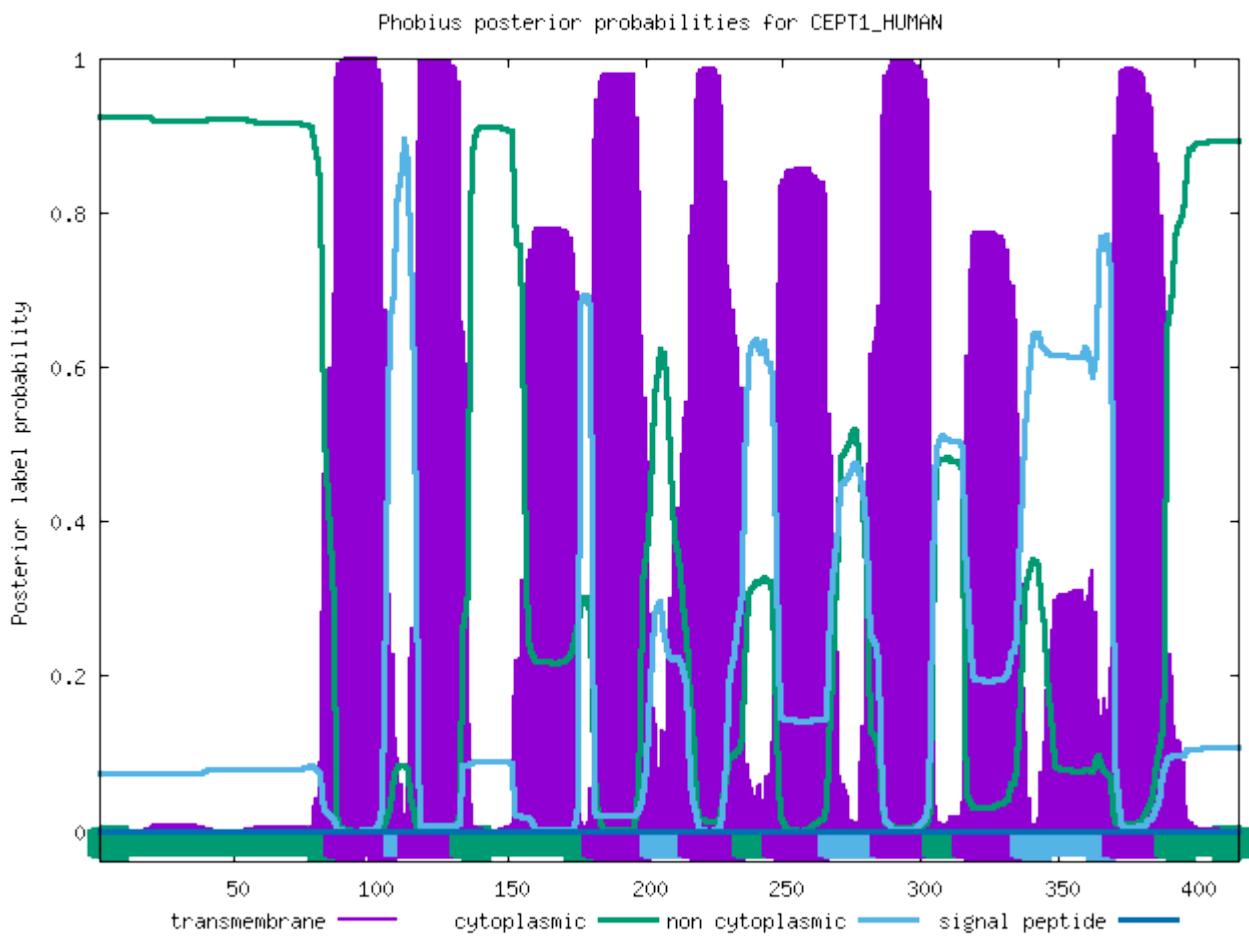
| ID | ELOV7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 27 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 28 | 48 | |
| FT | TOPO_DOM | 49 | 68 | CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 87 | |
| FT | TOPO_DOM | 88 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 136 | |
| FT | TOPO_DOM | 137 | 142 | CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 162 | |
| FT | TOPO_DOM | 163 | 173 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 194 | |
| FT | TOPO_DOM | 195 | 205 | CYTOPLASMIC. |
| FT | TRANSMEM | 206 | 227 | |
| FT | TOPO_DOM | 228 | 232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 258 | |
| FT | TOPO_DOM | 259 | 281 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CEPT1_HUMAN

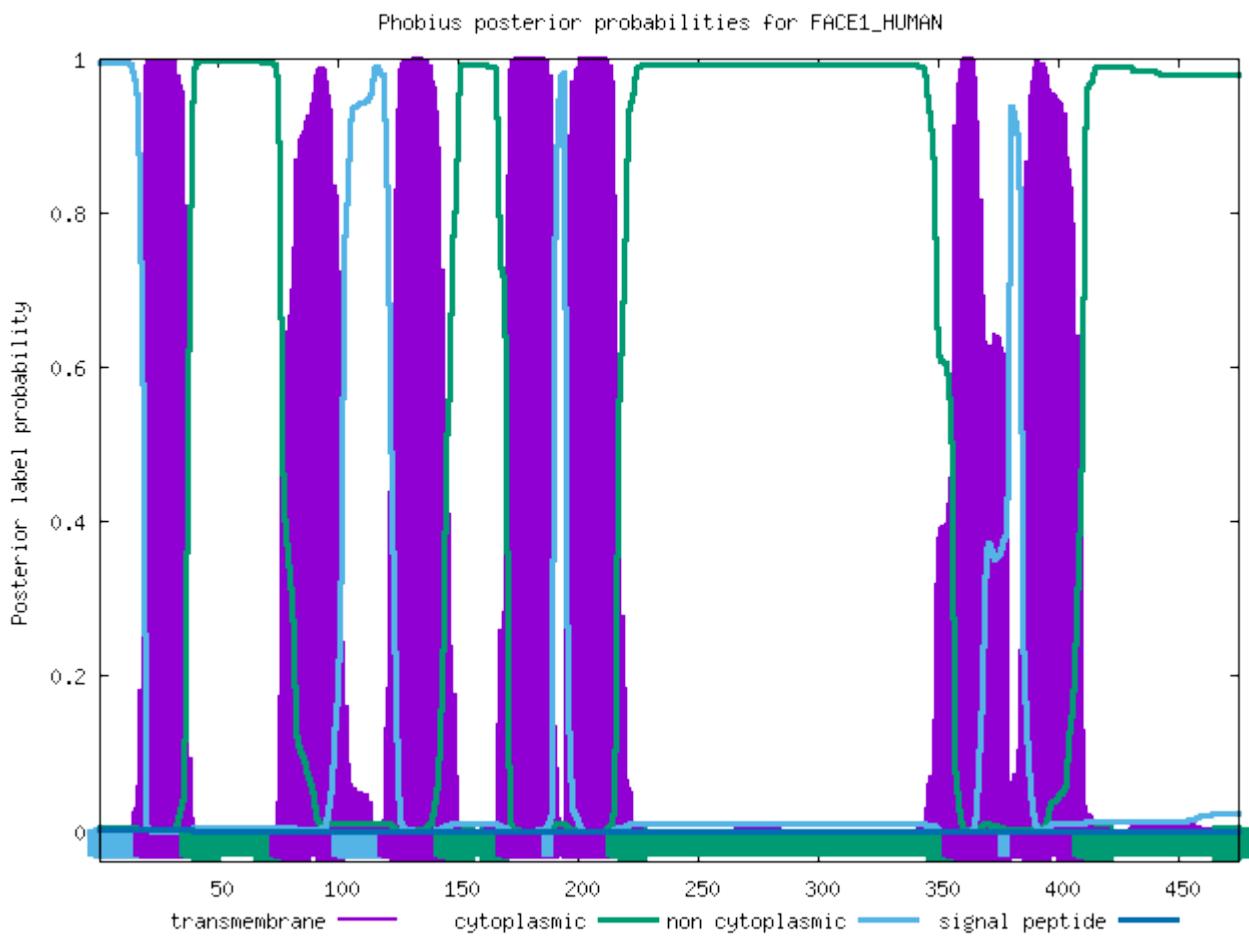
| ID | CEPT1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 108 | |
| FT | TOPO_DOM | 109 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 132 | |
| FT | TOPO_DOM | 133 | 180 | CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 201 | |
| FT | TOPO_DOM | 202 | 215 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 216 | 235 | |
| FT | TOPO_DOM | 236 | 246 | CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 266 | |
| FT | TOPO_DOM | 267 | 285 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 304 | |
| FT | TOPO_DOM | 305 | 315 | CYTOPLASMIC. |
| FT | TRANSMEM | 316 | 336 | |
| FT | TOPO_DOM | 337 | 370 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 371 | 389 | |
| FT | TOPO_DOM | 390 | 416 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of FACE1_HUMAN

| ID | FACE1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 38 | |
| FT | TOPO_DOM | 39 | 76 | CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 102 | |
| FT | TOPO_DOM | 103 | 121 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 144 | |
| FT | TOPO_DOM | 145 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 189 | |
| FT | TOPO_DOM | 190 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 216 | |
| FT | TOPO_DOM | 217 | 356 | CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 379 | |
| FT | TOPO_DOM | 380 | 384 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 410 | |
| FT | TOPO_DOM | 411 | 475 | CYTOPLASMIC. |
| // | | | | |

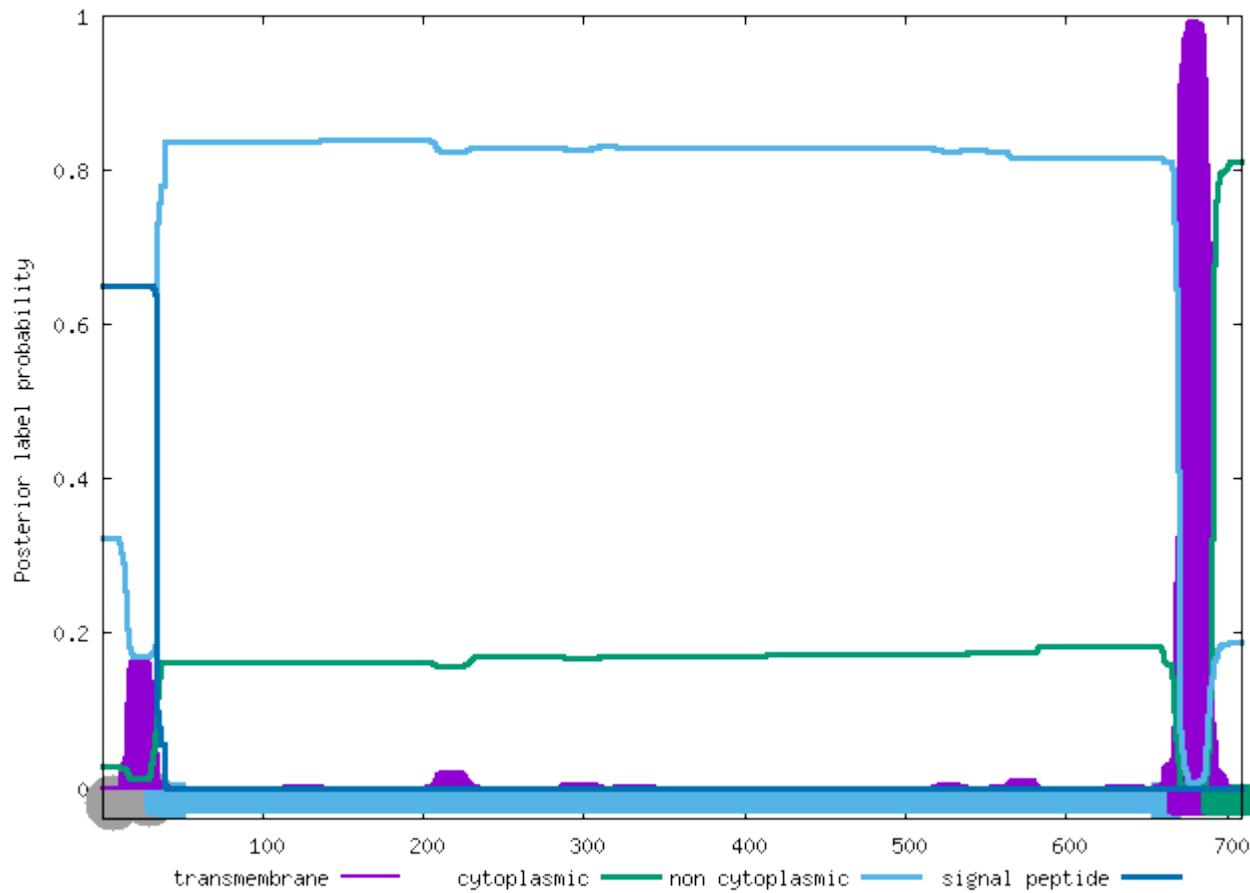


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NICA_HUMAN

| ID | NICA_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 33 | |
| FT | REGION | 1 | 16 | N-REGION. |
| FT | REGION | 17 | 28 | H-REGION. |
| FT | REGION | 29 | 33 | C-REGION. |
| FT | TOPO_DOM | 34 | 669 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 670 | 690 | |
| FT | TOPO_DOM | 691 | 709 | CYTOPLASMIC. |
| // | | | | |

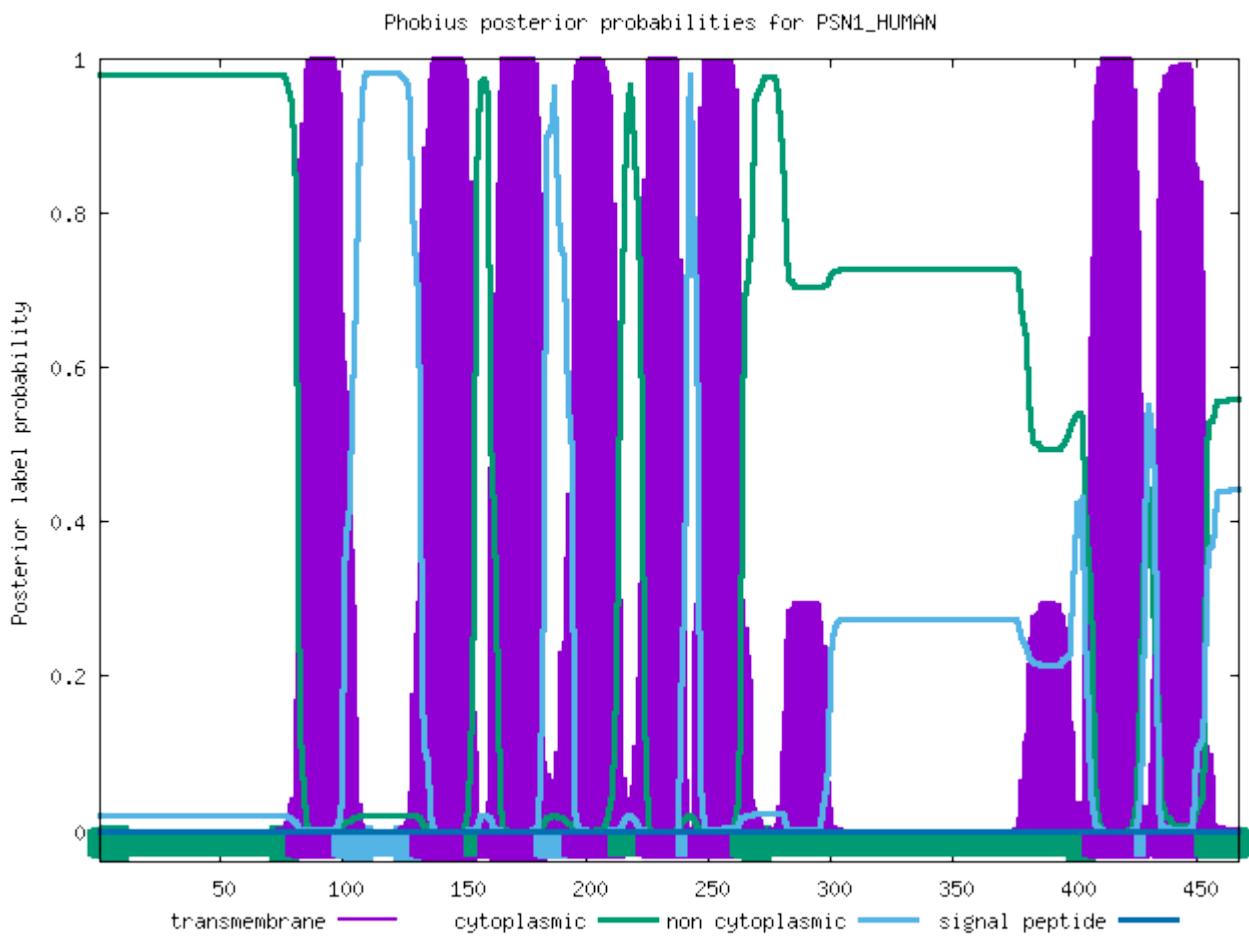
Phobius posterior probabilities for NICA_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PSN1_HUMAN

| ID | PSN1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 81 | CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 100 | |
| FT | TOPO_DOM | 101 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 154 | |
| FT | TOPO_DOM | 155 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 183 | |
| FT | TOPO_DOM | 184 | 194 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 213 | |
| FT | TOPO_DOM | 214 | 224 | CYTOPLASMIC. |
| FT | TRANSMEM | 225 | 241 | |
| FT | TOPO_DOM | 242 | 246 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 263 | |
| FT | TOPO_DOM | 264 | 407 | CYTOPLASMIC. |
| FT | TRANSMEM | 408 | 428 | |
| FT | TOPO_DOM | 429 | 433 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 434 | 453 | |
| FT | TOPO_DOM | 454 | 467 | CYTOPLASMIC. |
| // | | | | |

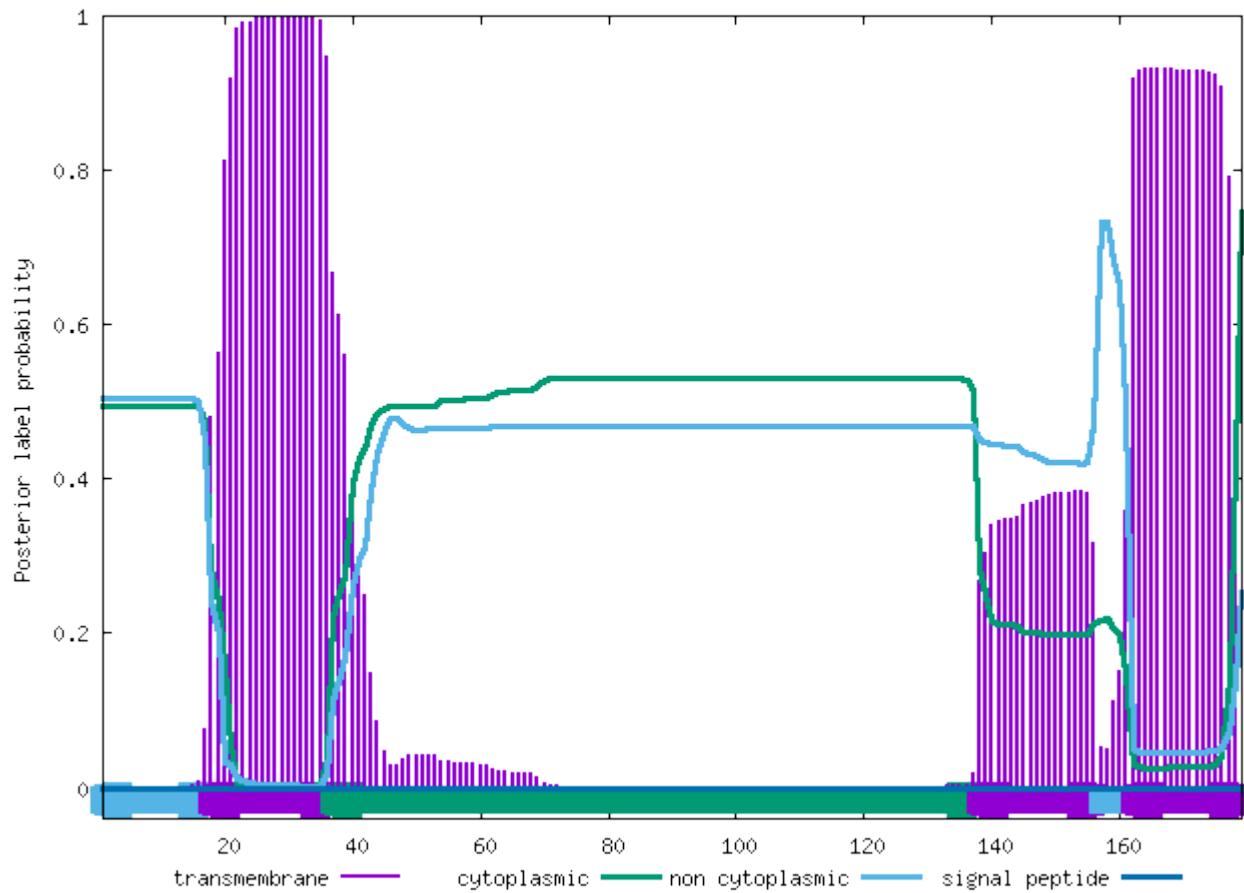


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC11A_HUMAN

| ID | SC11A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 17 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 18 | 36 | |
| FT | TOPO_DOM | 37 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 156 | |
| FT | TOPO_DOM | 157 | 161 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 178 | |
| FT | TOPO_DOM | 179 | 179 | CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for SC11A_HUMAN



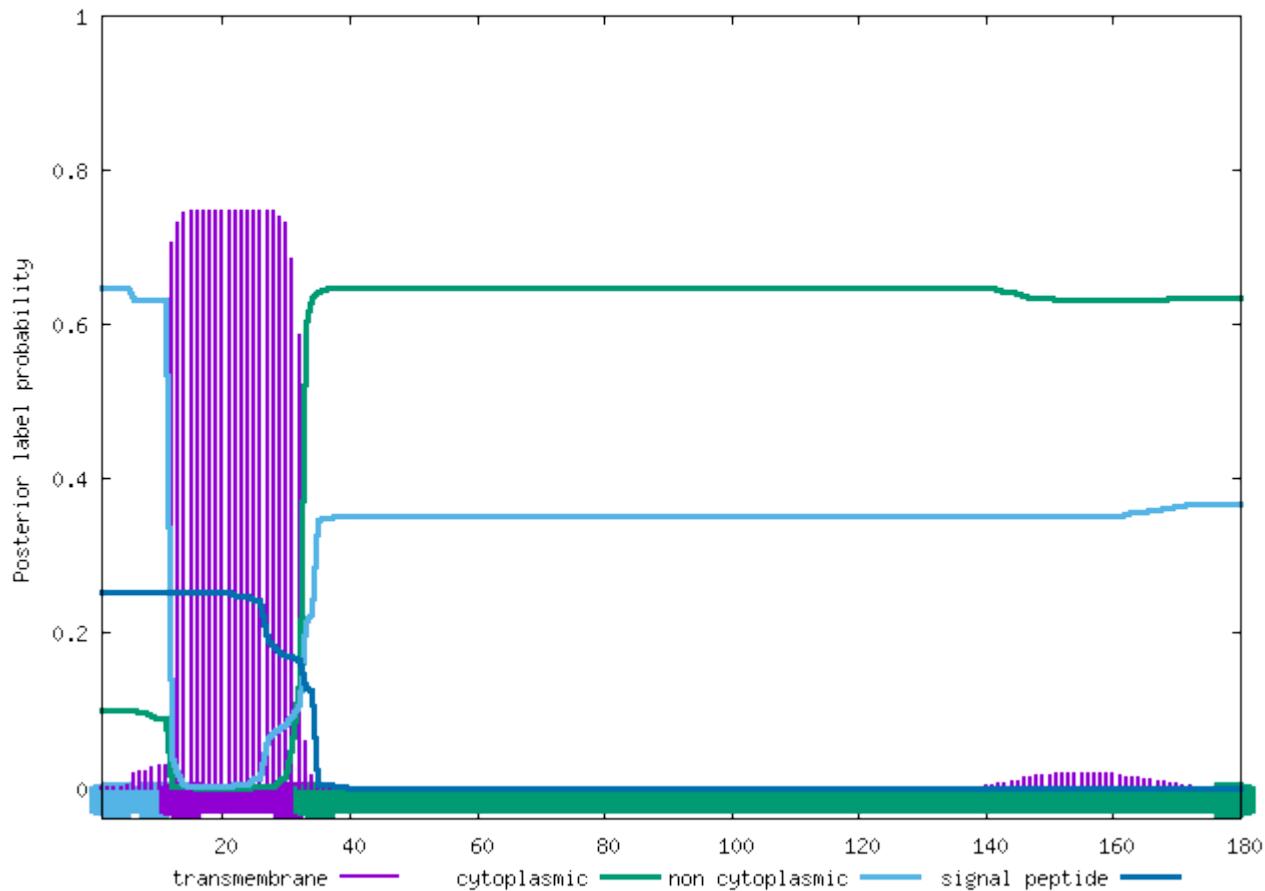
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPCS3_HUMAN

```

ID  SPCS3_HUMAN
FT  TOPO_DOM      1     11      NON CYTOPLASMIC.
FT  TRANSMEM      12    32
FT  TOPO_DOM      33   180      CYTOPLASMIC.
//
```

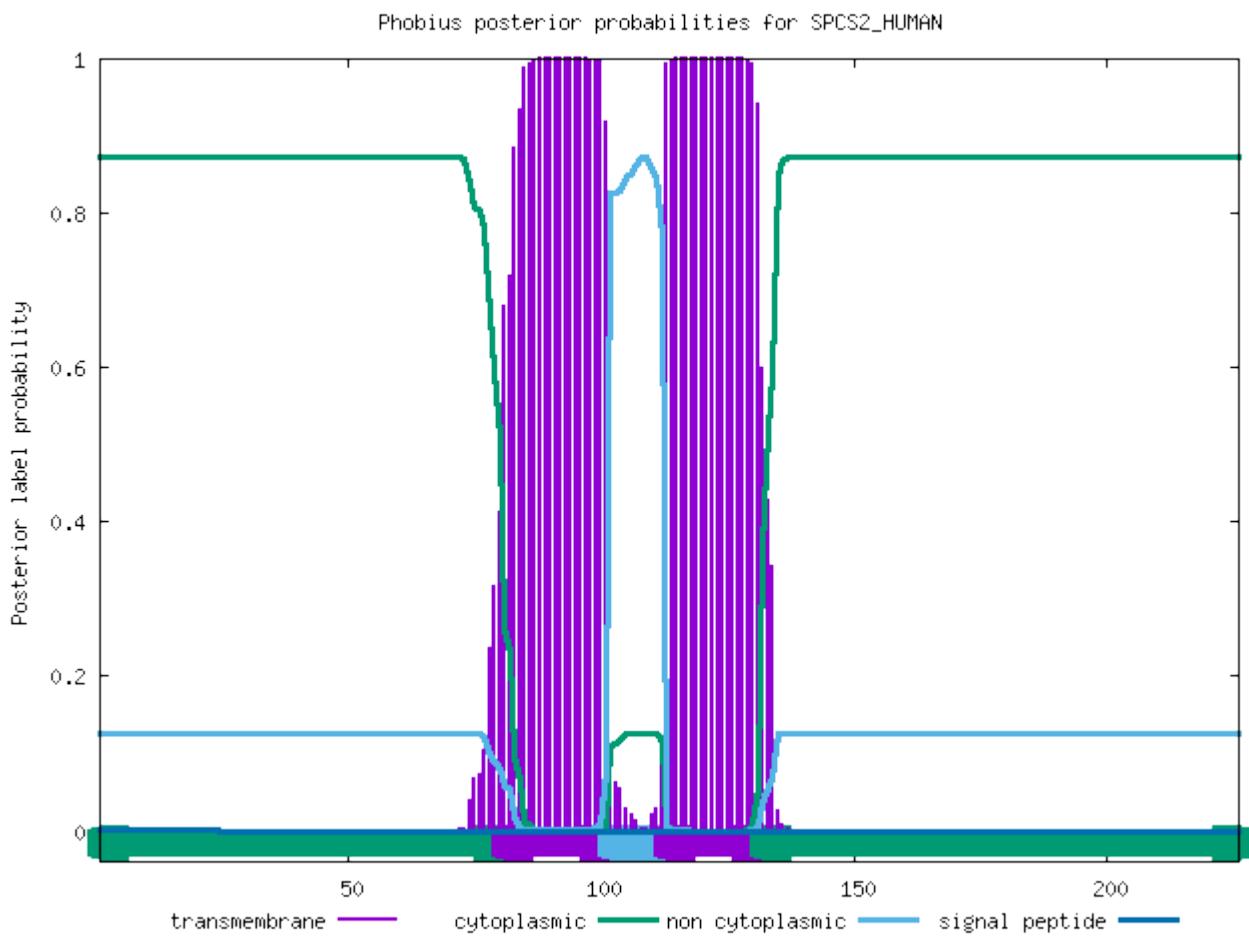
Phobius posterior probabilities for SPCS3_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPCS2_HUMAN

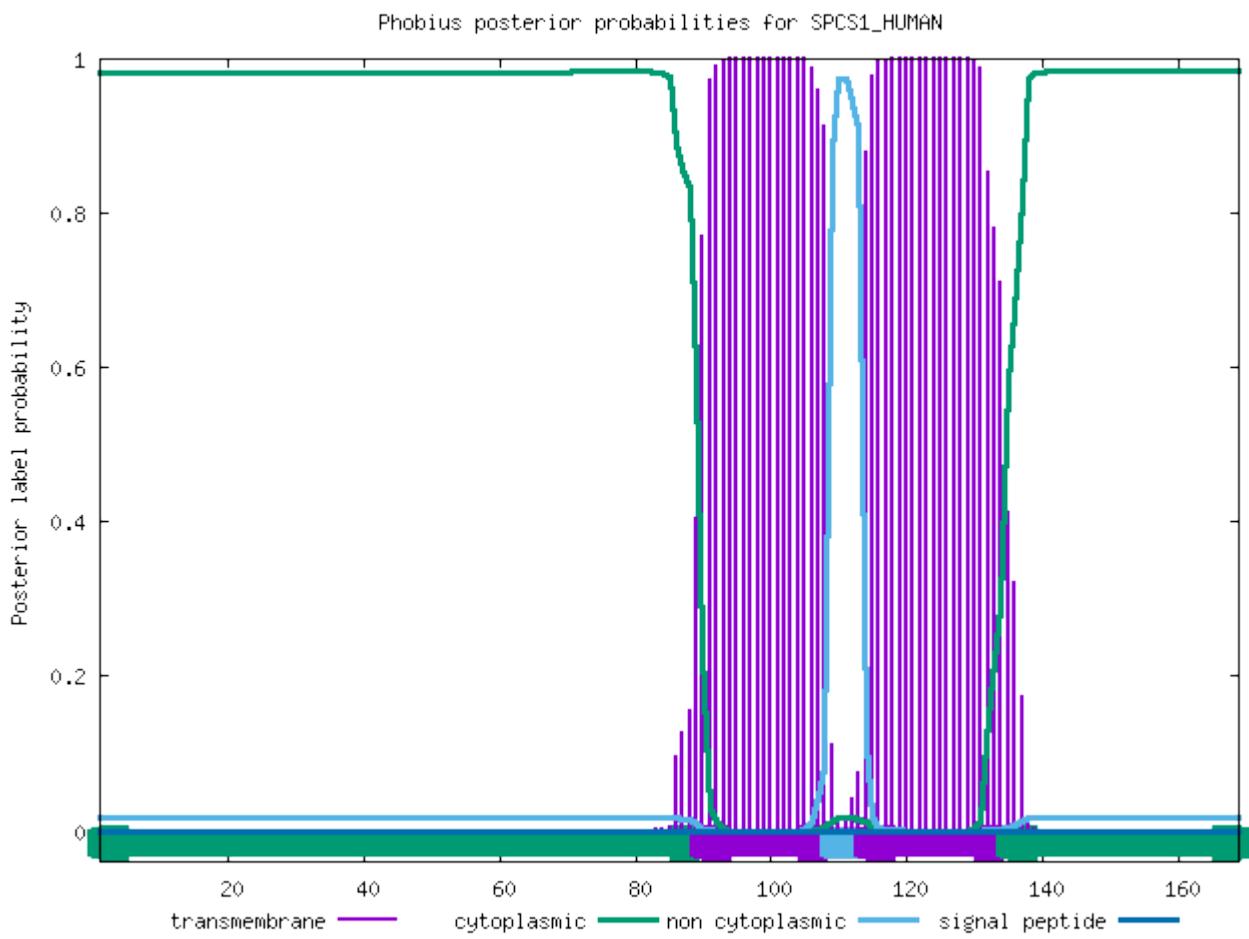
| ID | SPCS2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 101 | |
| FT | TOPO_DOM | 102 | 112 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 131 | |
| FT | TOPO_DOM | 132 | 226 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SPCS1_HUMAN

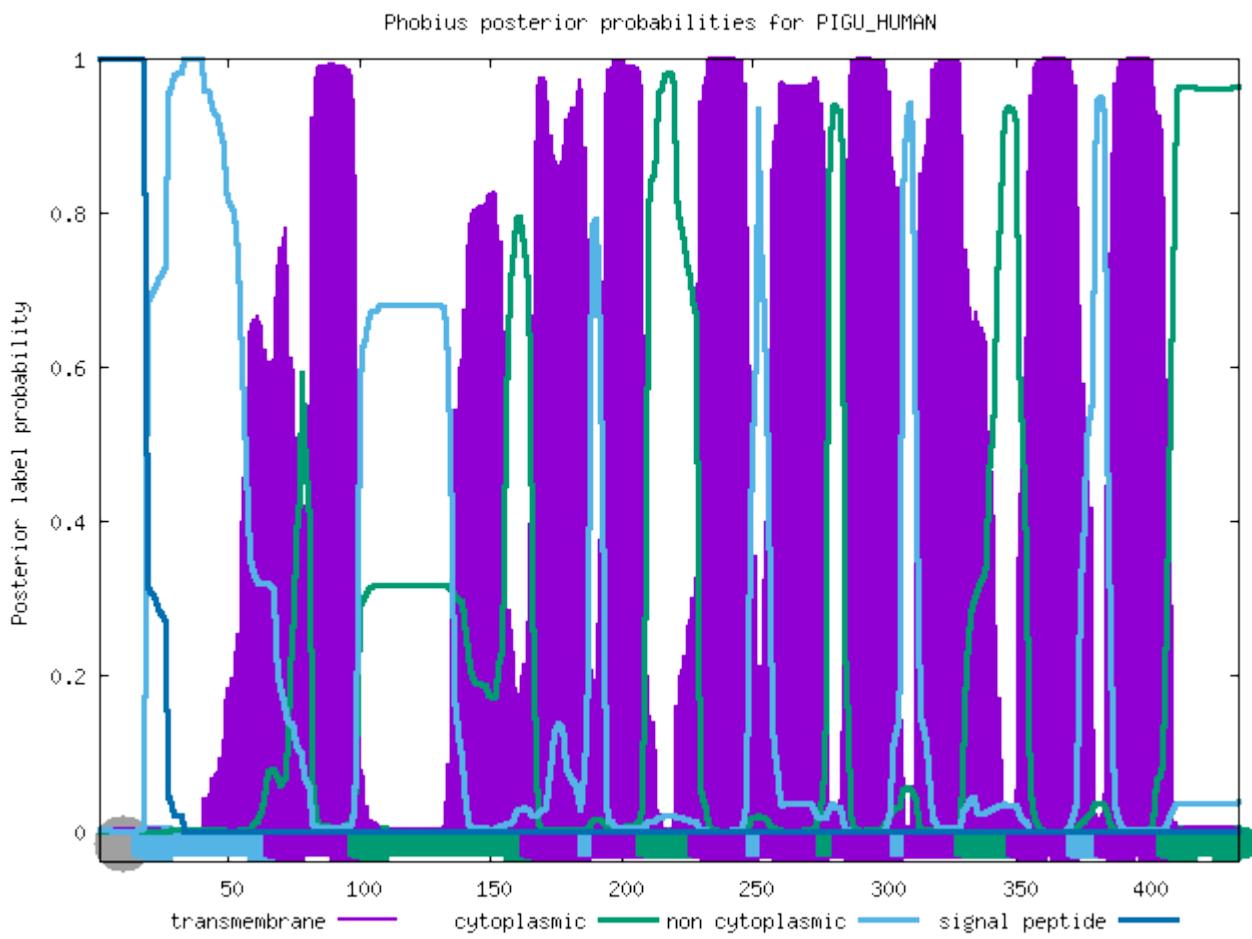
| ID | SPCS1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 89 | CYTOPLASMIC. |
| FT | TRANSMEM | 90 | 108 | |
| FT | TOPO_DOM | 109 | 113 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 114 | 134 | |
| FT | TOPO_DOM | 135 | 169 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PIGU_HUMAN

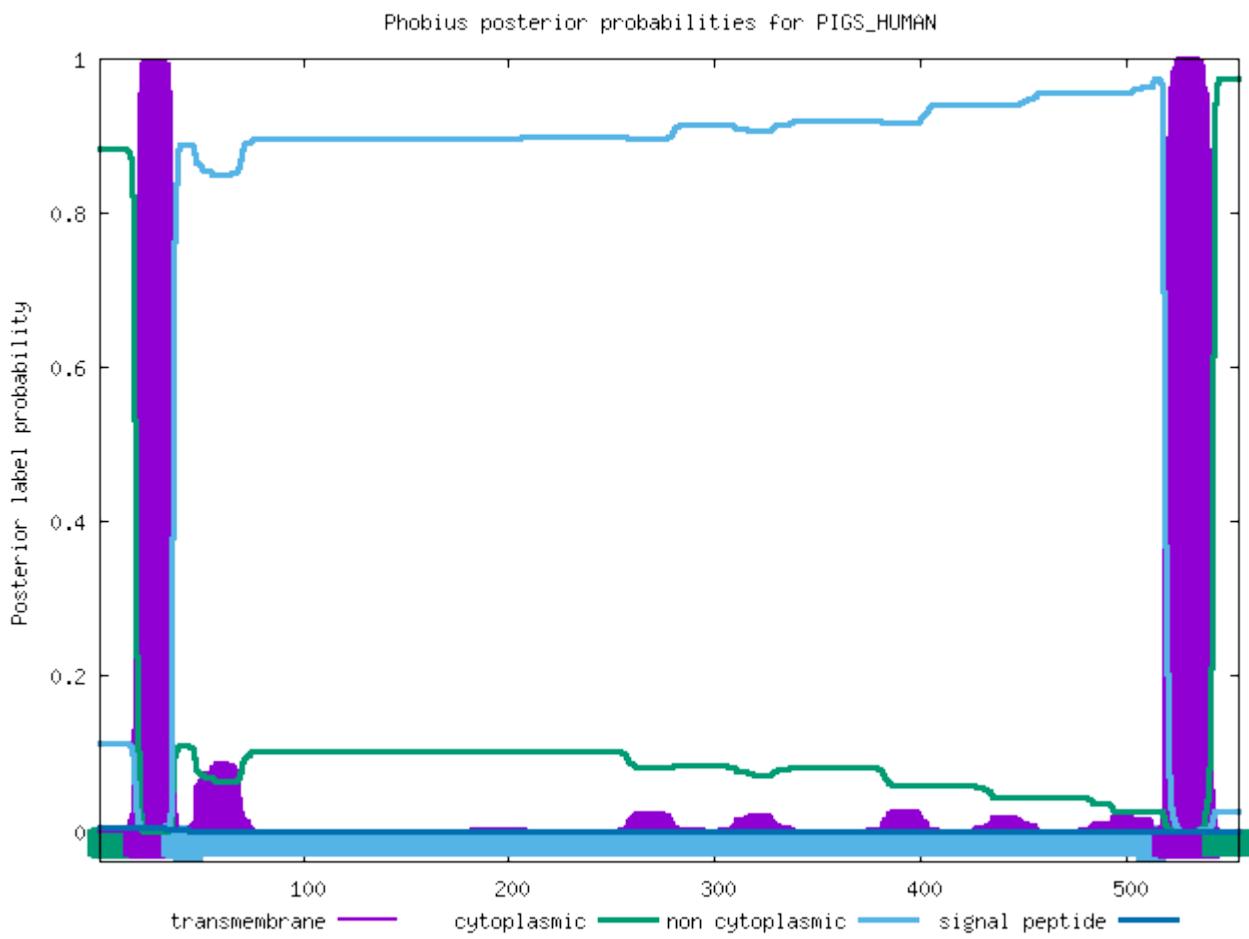
| ID | PIGU_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 17 | |
| FT | REGION | 1 | 1 | N-REGION. |
| FT | REGION | 2 | 13 | H-REGION. |
| FT | REGION | 14 | 17 | C-REGION. |
| FT | TOPO_DOM | 18 | 67 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 99 | |
| FT | TOPO_DOM | 100 | 165 | CYTOPLASMIC. |
| FT | TRANSMEM | 166 | 187 | |
| FT | TOPO_DOM | 188 | 192 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 209 | |
| FT | TOPO_DOM | 210 | 229 | CYTOPLASMIC. |
| FT | TRANSMEM | 230 | 251 | |
| FT | TOPO_DOM | 252 | 256 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 278 | |
| FT | TOPO_DOM | 279 | 284 | CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 306 | |
| FT | TOPO_DOM | 307 | 311 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 312 | 330 | |
| FT | TOPO_DOM | 331 | 350 | CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 373 | |
| FT | TOPO_DOM | 374 | 384 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 385 | 407 | |
| FT | TOPO_DOM | 408 | 435 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PIGS_HUMAN

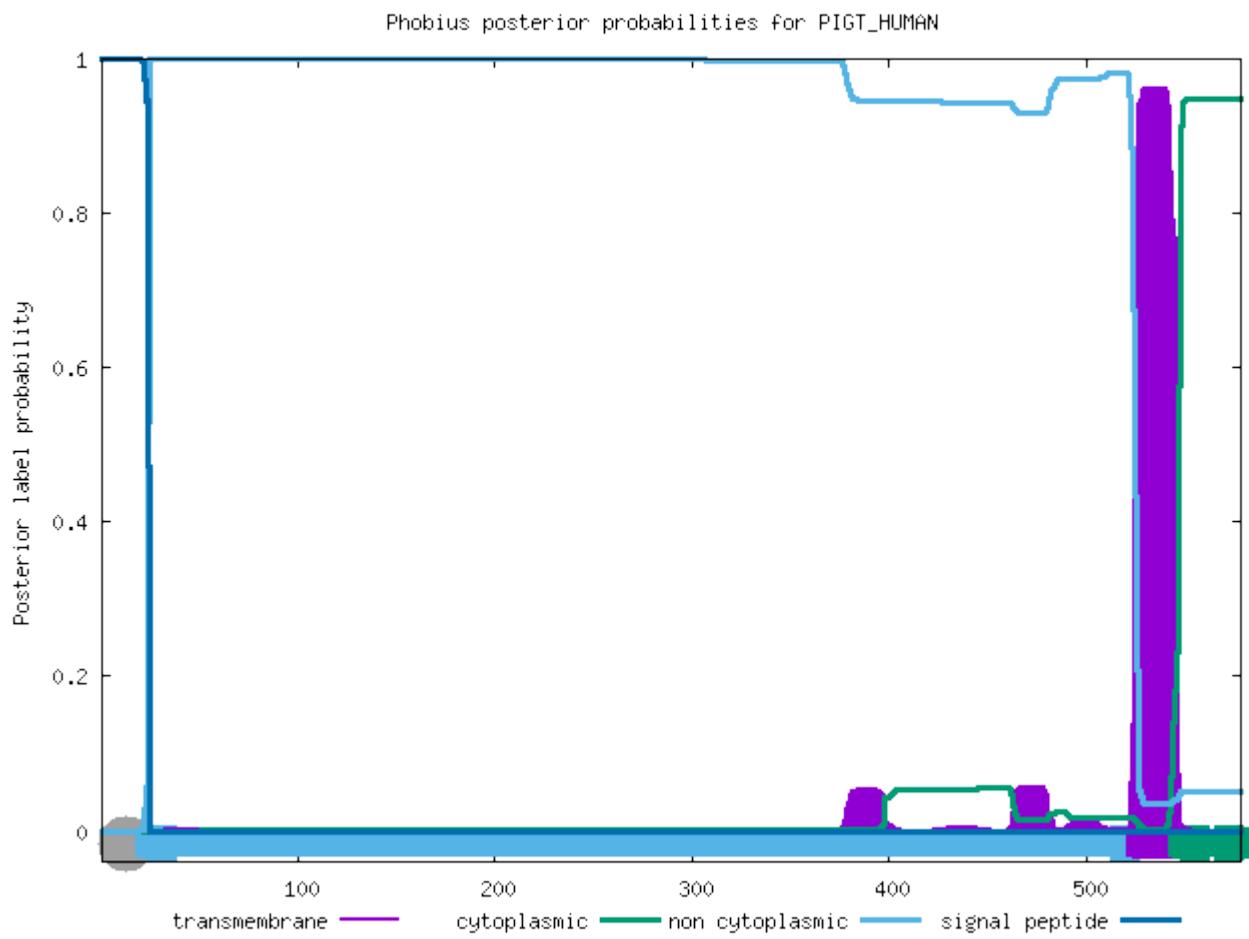
| | | | | |
|----|------------|-----|-----|------------------|
| ID | PIGS_HUMAN | | | |
| FT | TOPO_DOM | 1 | 18 | CYTOPLASMIC. |
| FT | TRANSMEM | 19 | 36 | |
| FT | TOPO_DOM | 37 | 518 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 519 | 542 | |
| FT | TOPO_DOM | 543 | 555 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PIGT_HUMAN

| ID | PIGT_HUMAN | | |
|----|------------|-----|------------------|
| FT | SIGNAL | 1 | 23 |
| FT | REGION | 1 | 6 |
| | | | N-REGION. |
| FT | REGION | 7 | 15 |
| | | | H-REGION. |
| FT | REGION | 16 | 23 |
| | | | C-REGION. |
| FT | TOPO_DOM | 24 | 525 |
| | | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 526 | 547 |
| | | | |
| FT | TOPO_DOM | 548 | 578 |
| | | | CYTOPLASMIC. |
| // | | | |

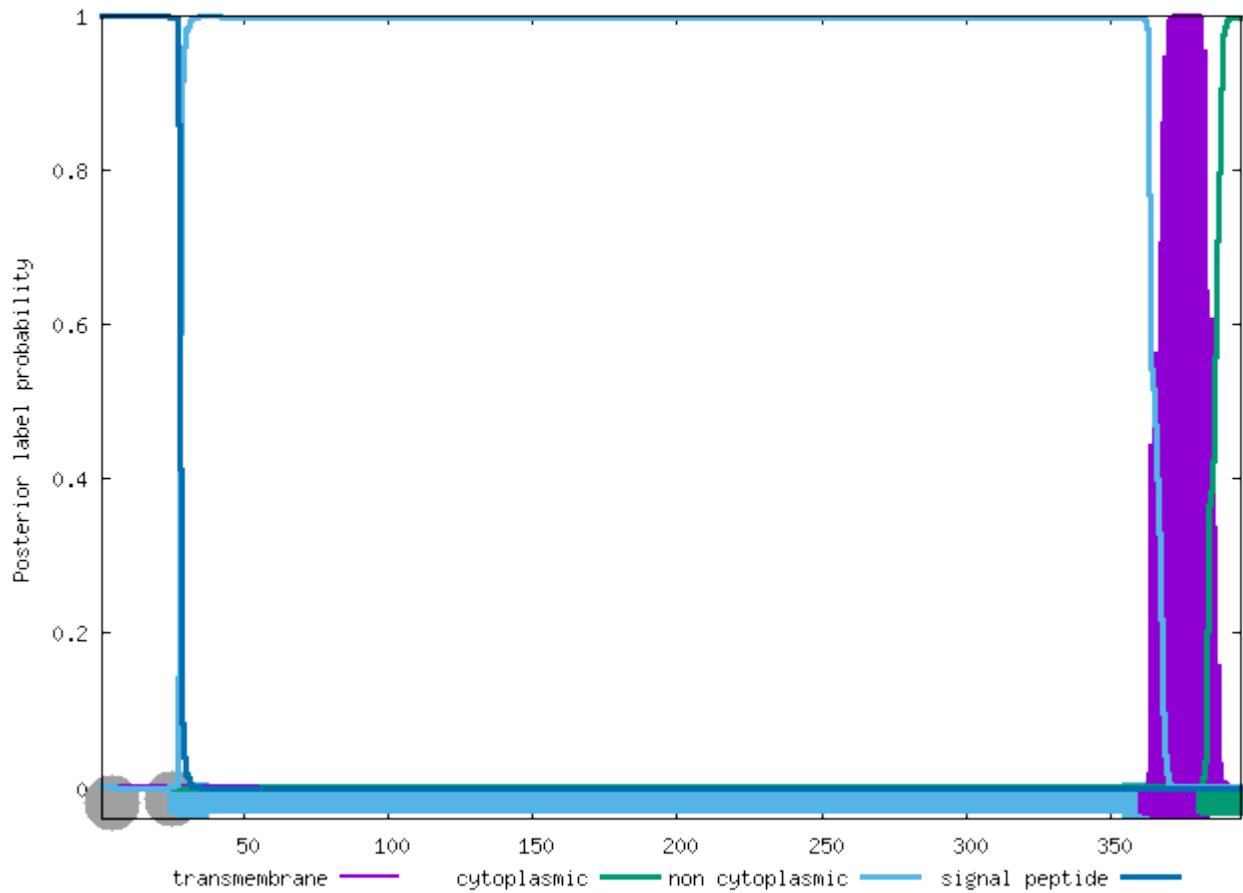


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPI8_HUMAN

| | | | | |
|----|------------|-----|-----|------------------|
| ID | GPI8_HUMAN | | | |
| FT | SIGNAL | 1 | 27 | |
| FT | REGION | 1 | 9 | N-REGION. |
| FT | REGION | 10 | 22 | H-REGION. |
| FT | REGION | 23 | 27 | C-REGION. |
| FT | TOPO_DOM | 28 | 363 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 383 | |
| FT | TOPO_DOM | 384 | 395 | CYTOPLASMIC. |
| // | | | | |

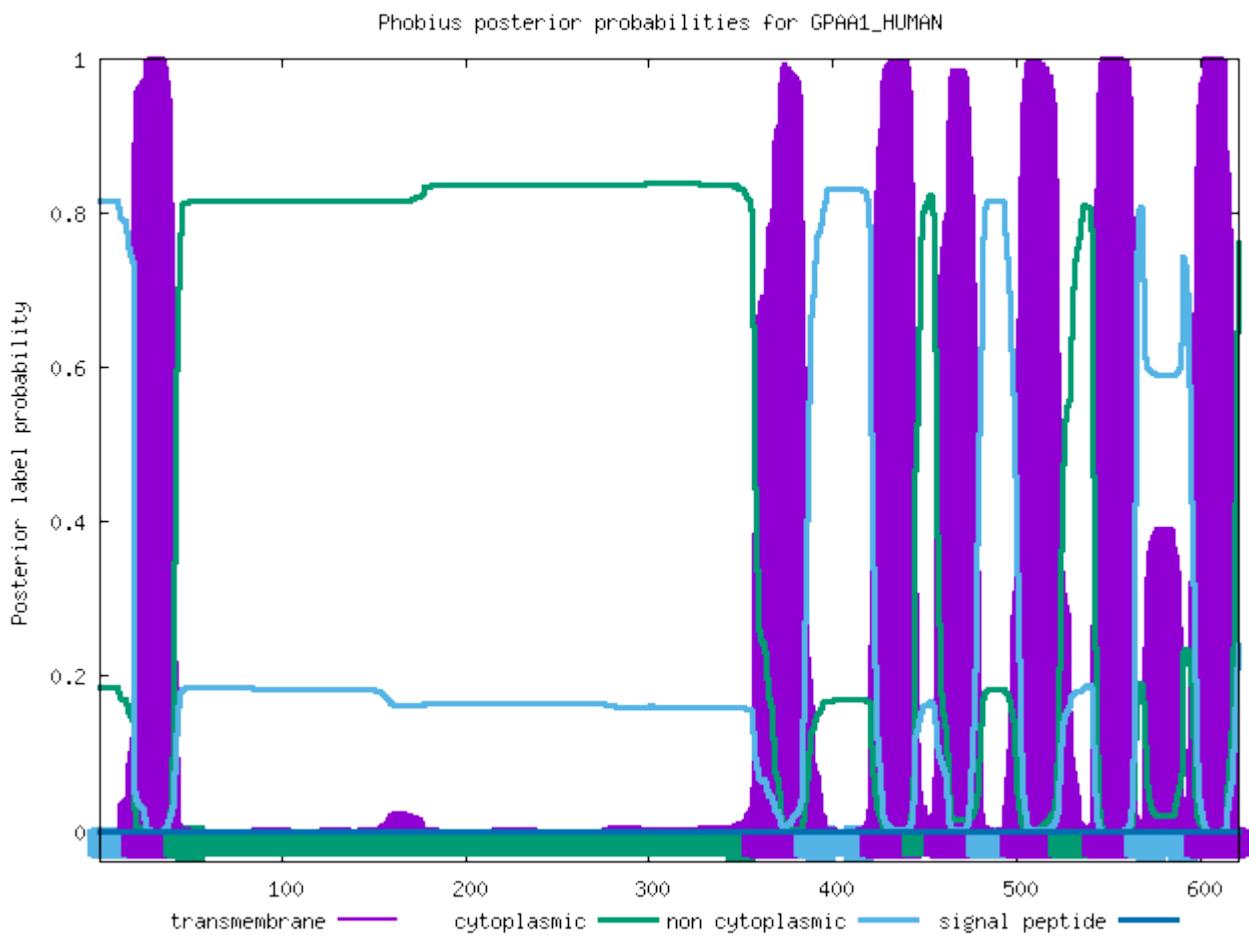
Phobius posterior probabilities for GPI8_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GPAA1_HUMAN

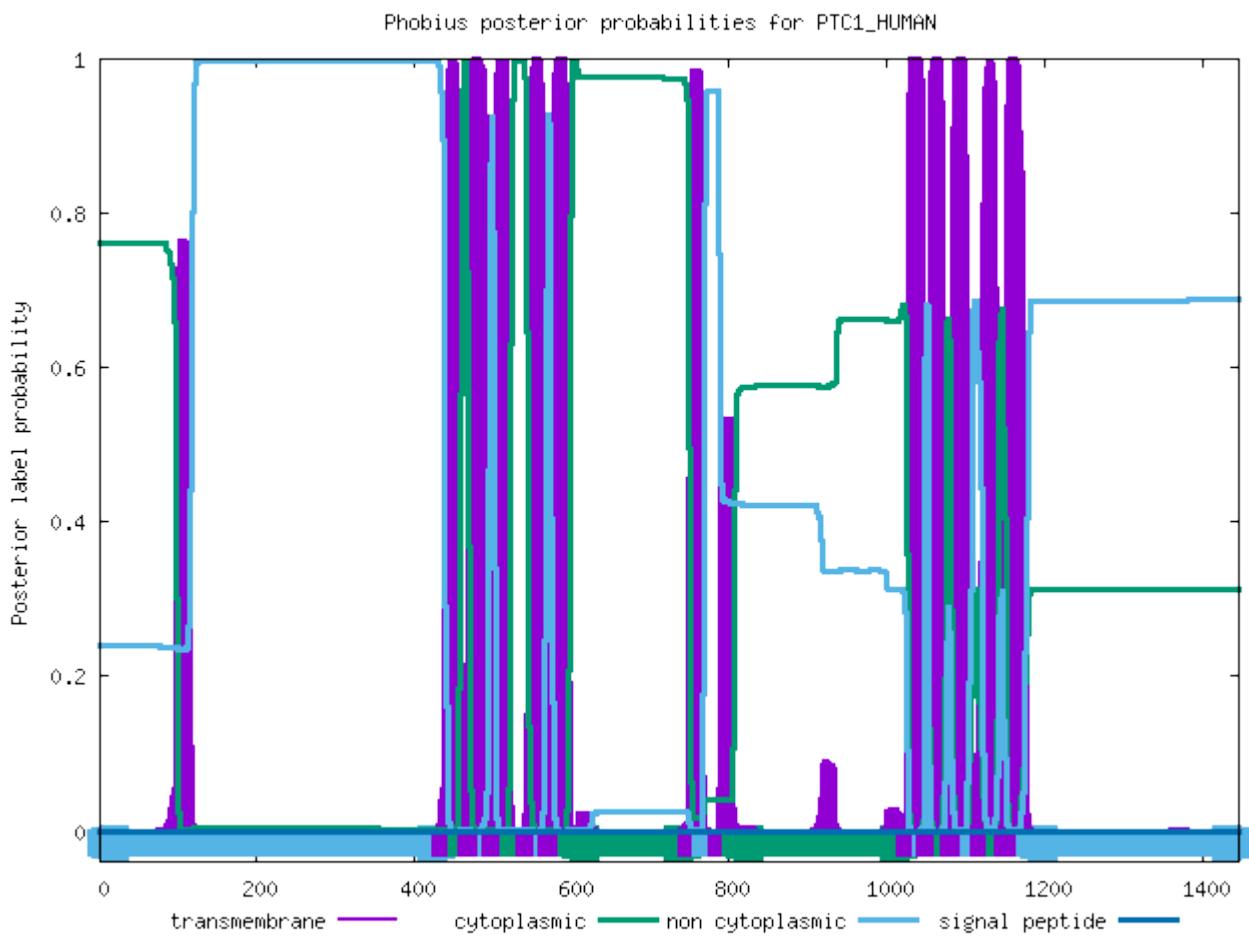
| ID | GPAA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 41 | |
| FT | TOPO_DOM | 42 | 356 | CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 385 | |
| FT | TOPO_DOM | 386 | 421 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 444 | |
| FT | TOPO_DOM | 445 | 455 | CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 478 | |
| FT | TOPO_DOM | 479 | 497 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 498 | 523 | |
| FT | TOPO_DOM | 524 | 542 | CYTOPLASMIC. |
| FT | TRANSMEM | 543 | 564 | |
| FT | TOPO_DOM | 565 | 597 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 598 | 620 | |
| FT | TOPO_DOM | 621 | 621 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PTC1_HUMAN

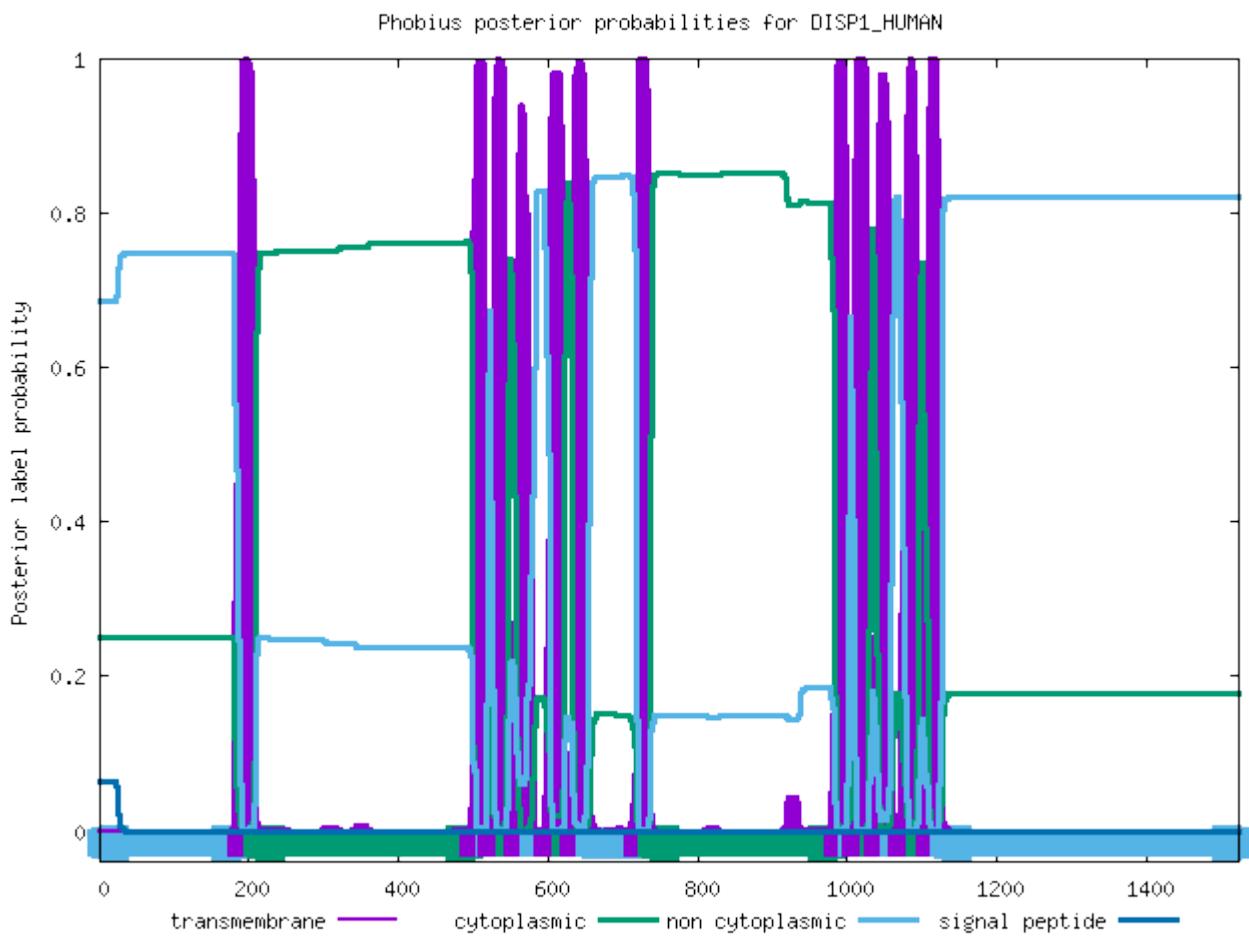
| ID | PTC1_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 438 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 439 | 458 | |
| FT | TOPO_DOM | 459 | 469 | CYTOPLASMIC. |
| FT | TRANSMEM | 470 | 495 | |
| FT | TOPO_DOM | 496 | 500 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 501 | 523 | |
| FT | TOPO_DOM | 524 | 543 | CYTOPLASMIC. |
| FT | TRANSMEM | 544 | 567 | |
| FT | TOPO_DOM | 568 | 572 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 573 | 596 | |
| FT | TOPO_DOM | 597 | 750 | CYTOPLASMIC. |
| FT | TRANSMEM | 751 | 768 | |
| FT | TOPO_DOM | 769 | 787 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 788 | 806 | |
| FT | TOPO_DOM | 807 | 1026 | CYTOPLASMIC. |
| FT | TRANSMEM | 1027 | 1048 | |
| FT | TOPO_DOM | 1049 | 1053 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1054 | 1076 | |
| FT | TOPO_DOM | 1077 | 1082 | CYTOPLASMIC. |
| FT | TRANSMEM | 1083 | 1109 | |
| FT | TOPO_DOM | 1110 | 1120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1121 | 1141 | |
| FT | TOPO_DOM | 1142 | 1152 | CYTOPLASMIC. |
| FT | TRANSMEM | 1153 | 1178 | |
| FT | TOPO_DOM | 1179 | 1447 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DISP1_HUMAN

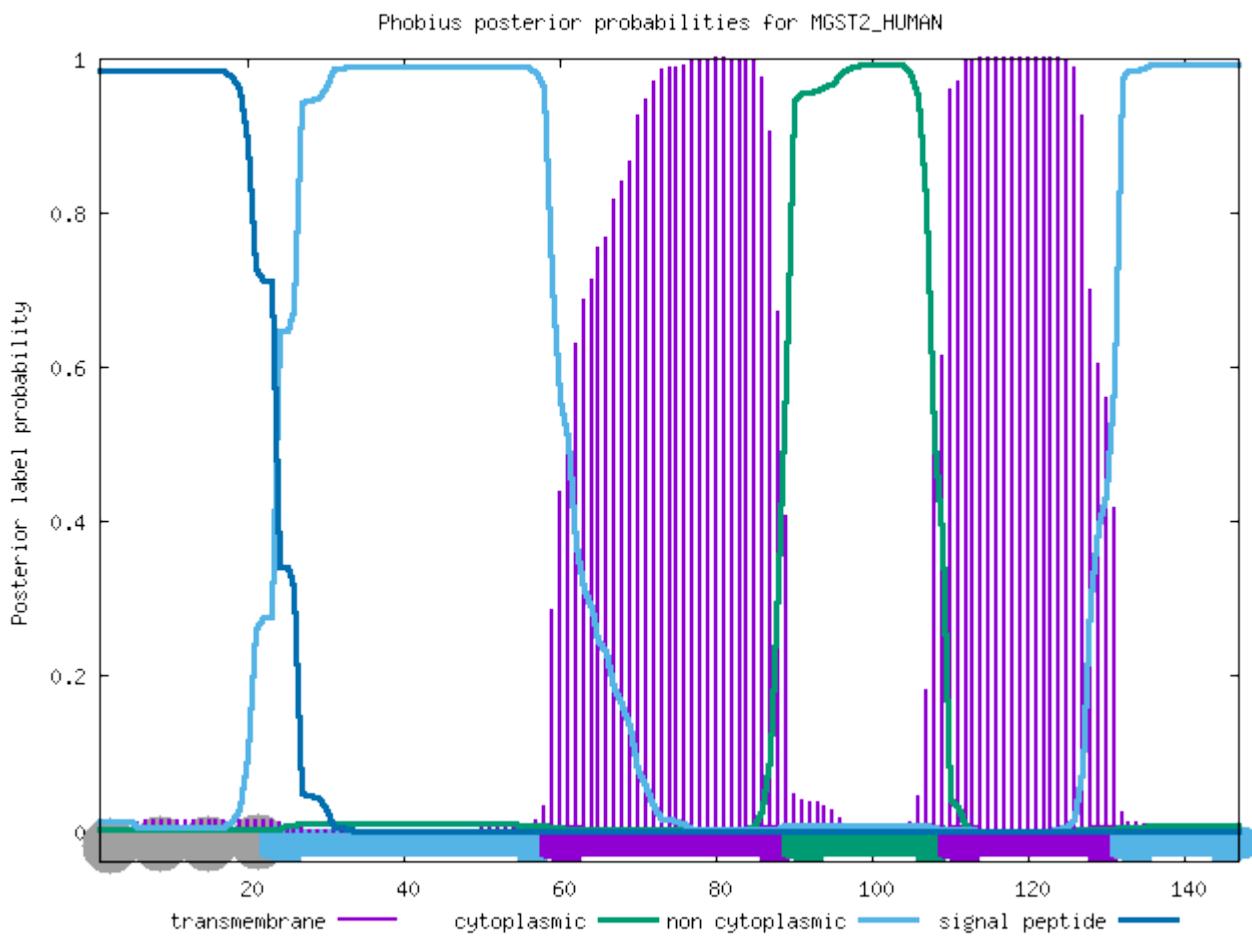
| ID | DISP1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 187 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 210 | |
| FT | TOPO_DOM | 211 | 498 | CYTOPLASMIC. |
| FT | TRANSMEM | 499 | 518 | |
| FT | TOPO_DOM | 519 | 523 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 524 | 545 | |
| FT | TOPO_DOM | 546 | 556 | CYTOPLASMIC. |
| FT | TRANSMEM | 557 | 577 | |
| FT | TOPO_DOM | 578 | 596 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 597 | 621 | |
| FT | TOPO_DOM | 622 | 632 | CYTOPLASMIC. |
| FT | TRANSMEM | 633 | 654 | |
| FT | TOPO_DOM | 655 | 718 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 719 | 737 | |
| FT | TOPO_DOM | 738 | 984 | CYTOPLASMIC. |
| FT | TRANSMEM | 985 | 1004 | |
| FT | TOPO_DOM | 1005 | 1009 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1010 | 1032 | |
| FT | TOPO_DOM | 1033 | 1038 | CYTOPLASMIC. |
| FT | TRANSMEM | 1039 | 1060 | |
| FT | TOPO_DOM | 1061 | 1071 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1072 | 1096 | |
| FT | TOPO_DOM | 1097 | 1107 | CYTOPLASMIC. |
| FT | TRANSMEM | 1108 | 1127 | |
| FT | TOPO_DOM | 1128 | 1524 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MGST2_HUMAN

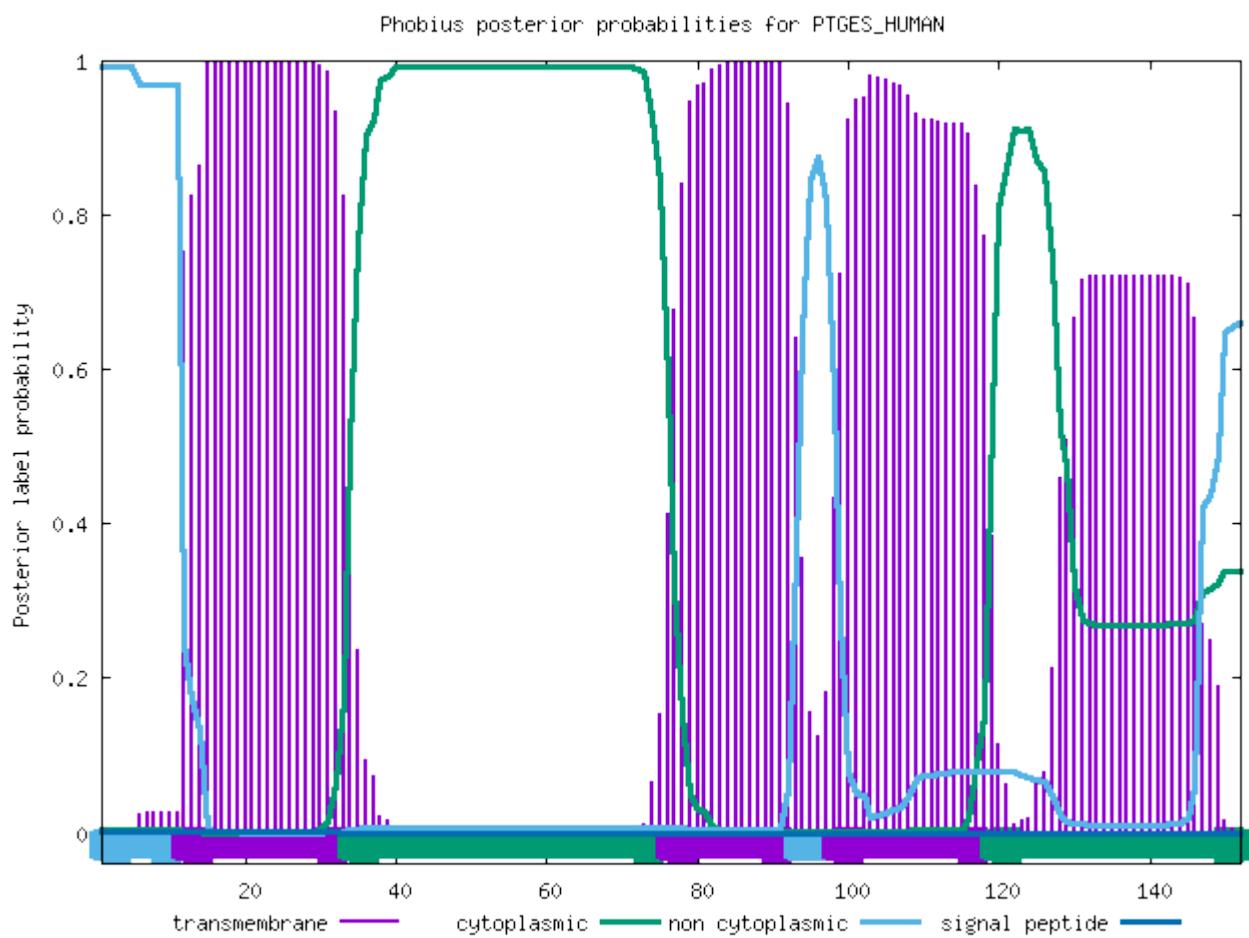
| ID | MGST2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 58 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 89 | |
| FT | TOPO_DOM | 90 | 109 | CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 131 | |
| FT | TOPO_DOM | 132 | 147 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PTGES_HUMAN

| ID | PTGES_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 33 | |
| FT | TOPO_DOM | 34 | 75 | CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 92 | |
| FT | TOPO_DOM | 93 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 118 | |
| FT | TOPO_DOM | 119 | 152 | CYTOPLASMIC. |
| // | | | | |

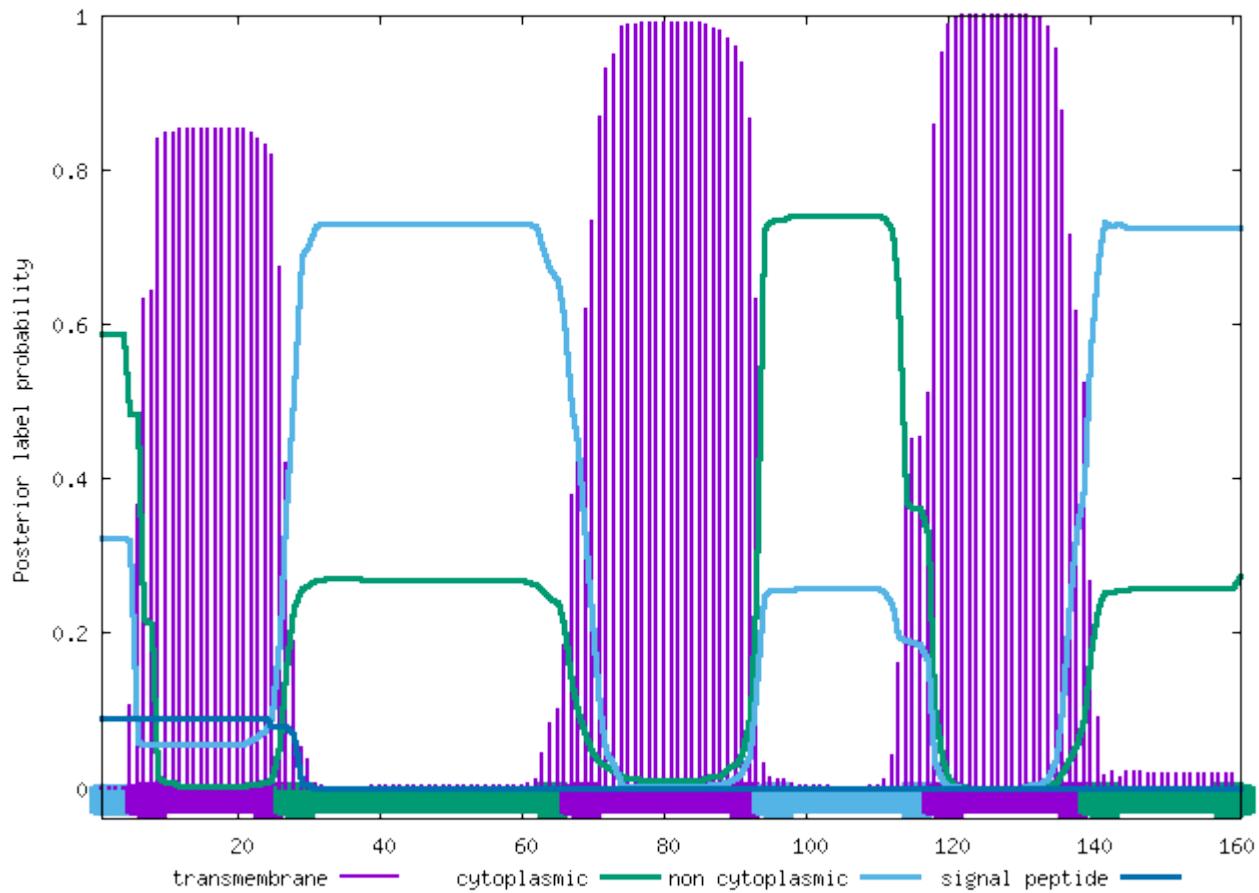


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AL5AP_HUMAN

| ID | AL5AP_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 26 | |
| FT | TOPO_DOM | 27 | 66 | CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 93 | |
| FT | TOPO_DOM | 94 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 161 | CYTOPLASMIC. |
| // | | | | |

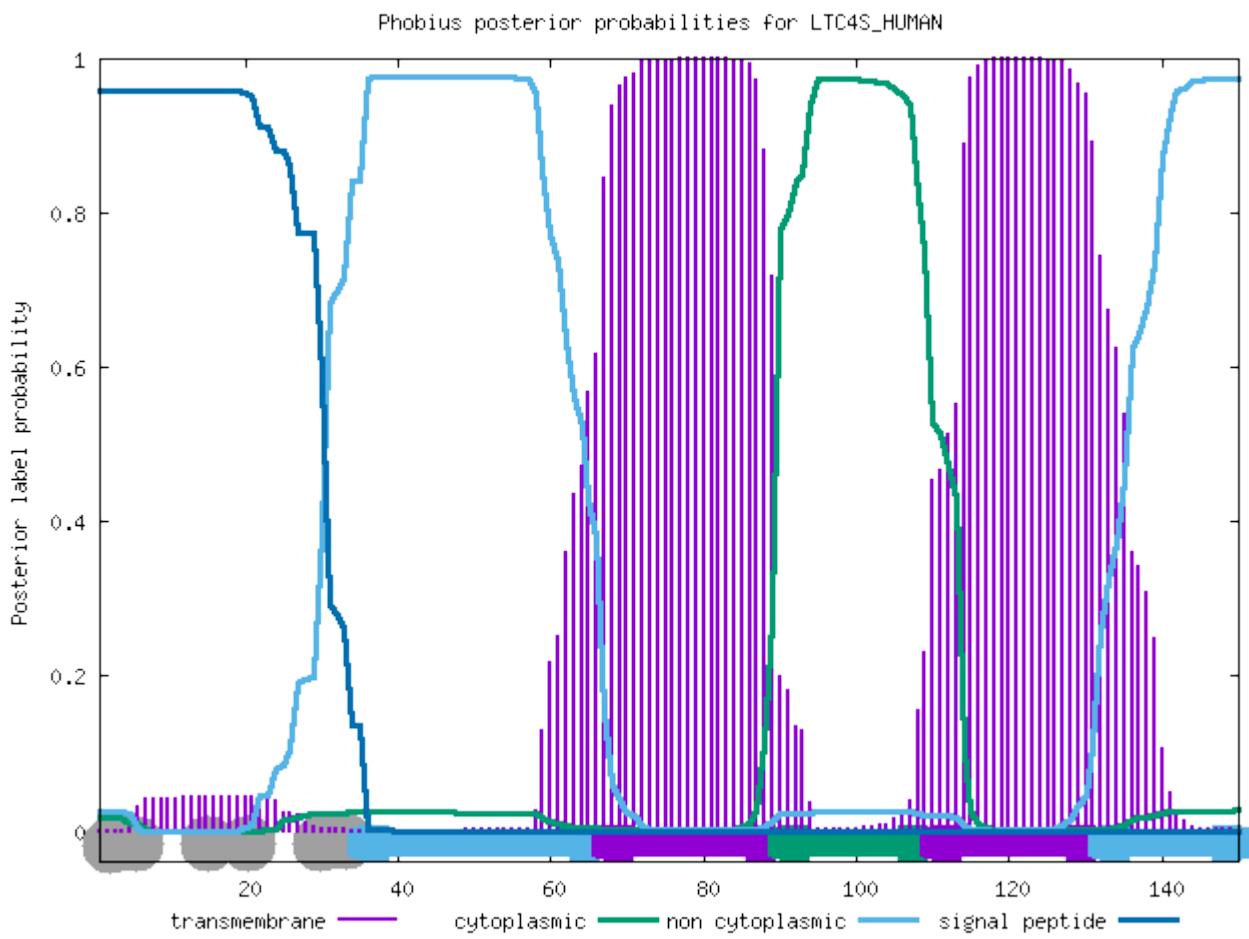
Phobius posterior probabilities for AL5AP_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LTC4S_HUMAN

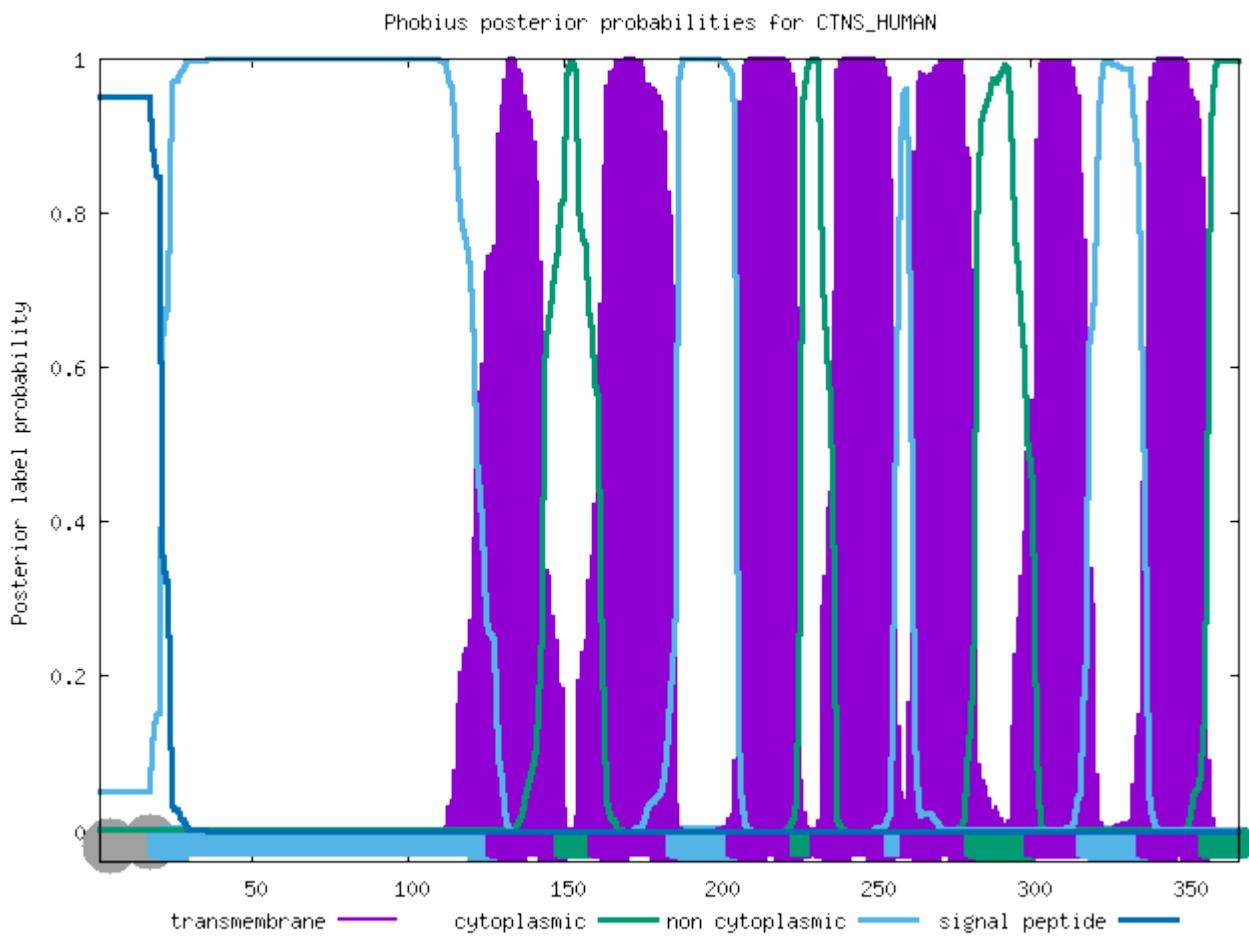
| ID | LTC4S_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 66 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 89 | |
| FT | TOPO_DOM | 90 | 109 | CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 131 | |
| FT | TOPO_DOM | 132 | 150 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CTNS_HUMAN

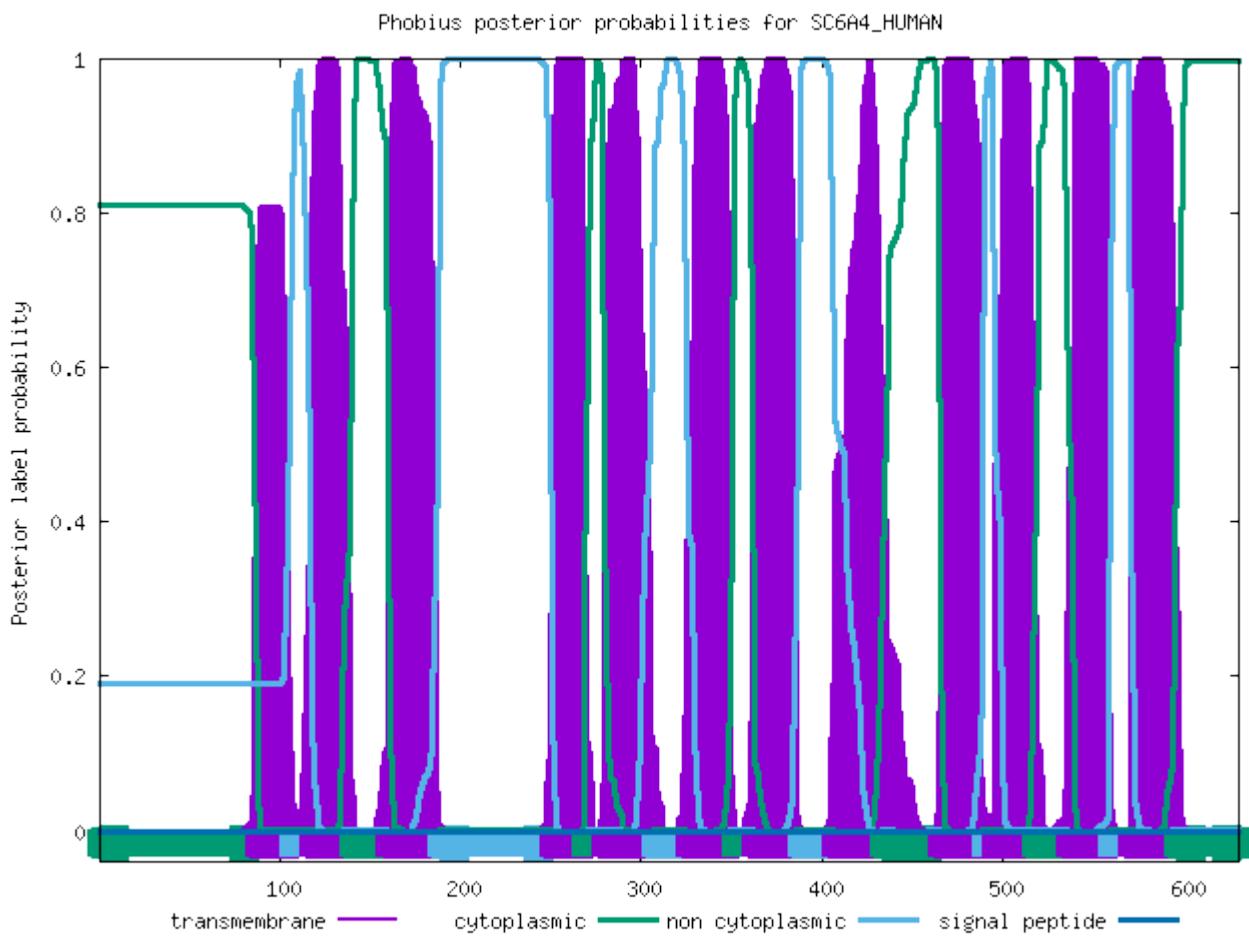
| ID | CTNS_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 19 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 14 | H-REGION. |
| FT | REGION | 15 | 19 | C-REGION. |
| FT | TOPO_DOM | 20 | 128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 150 | |
| FT | TOPO_DOM | 151 | 161 | CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 186 | |
| FT | TOPO_DOM | 187 | 205 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 206 | 226 | |
| FT | TOPO_DOM | 227 | 232 | CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 256 | |
| FT | TOPO_DOM | 257 | 261 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 262 | 282 | |
| FT | TOPO_DOM | 283 | 301 | CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 318 | |
| FT | TOPO_DOM | 319 | 337 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 338 | 357 | |
| FT | TOPO_DOM | 358 | 367 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC6A4_HUMAN

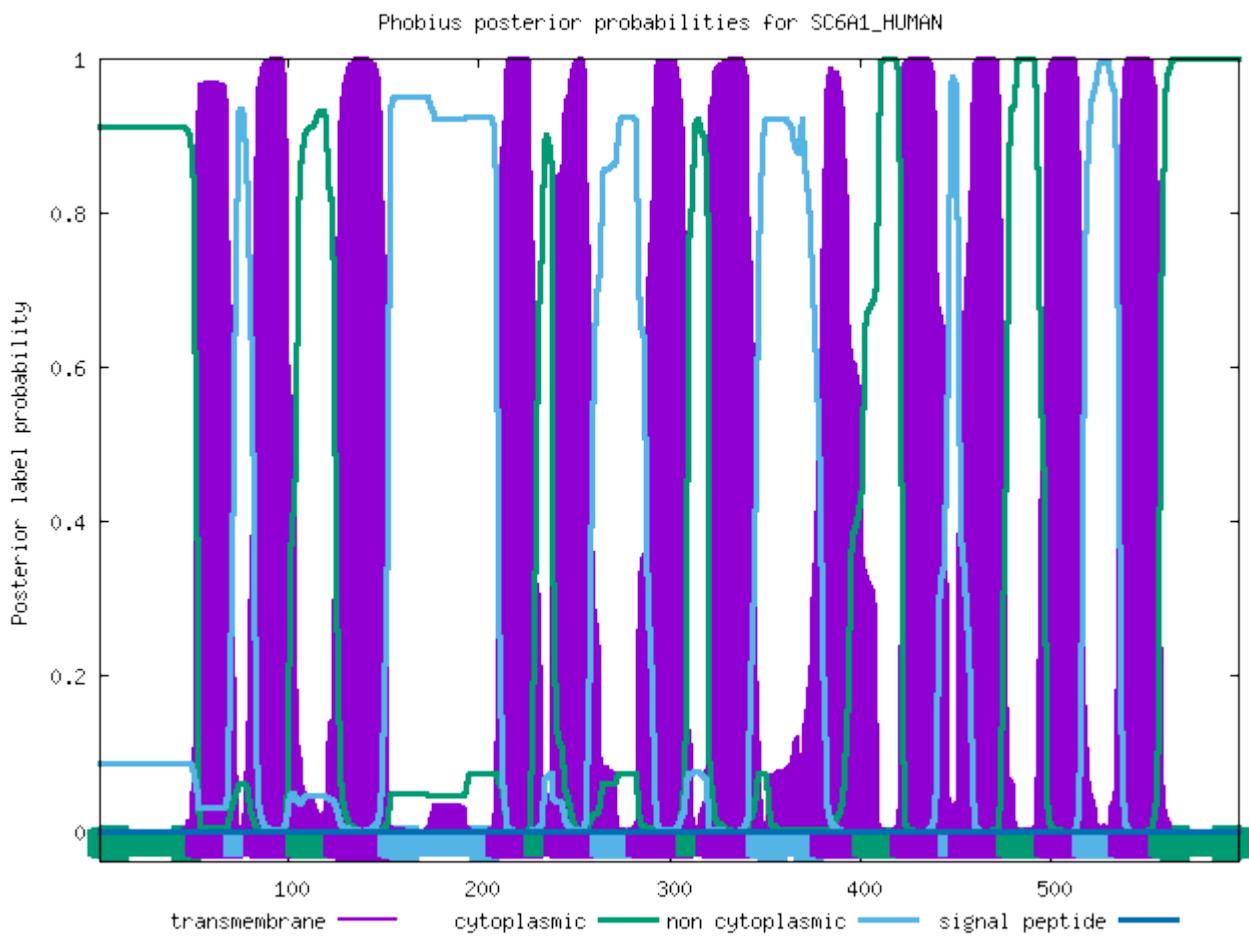
| ID | SC6A4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 106 | |
| FT | TOPO_DOM | 107 | 117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | |
| FT | TOPO_DOM | 140 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 188 | |
| FT | TOPO_DOM | 189 | 250 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 268 | |
| FT | TOPO_DOM | 269 | 279 | CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 306 | |
| FT | TOPO_DOM | 307 | 325 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 326 | 350 | |
| FT | TOPO_DOM | 351 | 361 | CYTOPLASMIC. |
| FT | TRANSMEM | 362 | 387 | |
| FT | TOPO_DOM | 388 | 406 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 407 | 432 | |
| FT | TOPO_DOM | 433 | 464 | CYTOPLASMIC. |
| FT | TRANSMEM | 465 | 489 | |
| FT | TOPO_DOM | 490 | 494 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 495 | 516 | |
| FT | TOPO_DOM | 517 | 535 | CYTOPLASMIC. |
| FT | TRANSMEM | 536 | 558 | |
| FT | TOPO_DOM | 559 | 569 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 570 | 595 | |
| FT | TOPO_DOM | 596 | 630 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC6A1_HUMAN

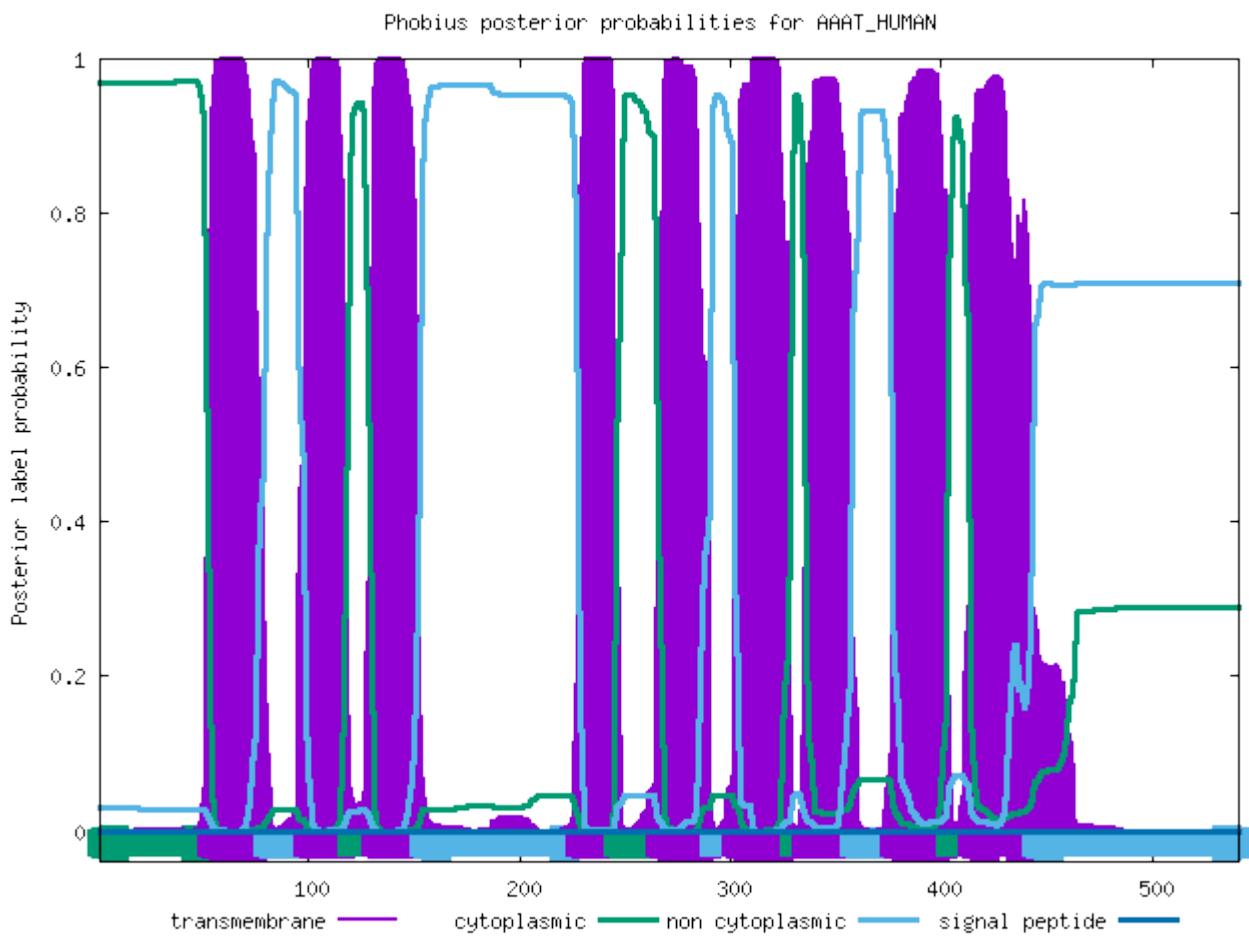
| ID | SC6A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 52 | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 71 | |
| FT | TOPO_DOM | 72 | 82 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 104 | |
| FT | TOPO_DOM | 105 | 124 | CYTOPLASMIC. |
| FT | TRANSMEM | 125 | 152 | |
| FT | TOPO_DOM | 153 | 209 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 229 | |
| FT | TOPO_DOM | 230 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 264 | |
| FT | TOPO_DOM | 265 | 283 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 284 | 309 | |
| FT | TOPO_DOM | 310 | 320 | CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 346 | |
| FT | TOPO_DOM | 347 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 401 | |
| FT | TOPO_DOM | 402 | 421 | CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 447 | |
| FT | TOPO_DOM | 448 | 452 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 453 | 477 | |
| FT | TOPO_DOM | 478 | 497 | CYTOPLASMIC. |
| FT | TRANSMEM | 498 | 517 | |
| FT | TOPO_DOM | 518 | 536 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 537 | 557 | |
| FT | TOPO_DOM | 558 | 599 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AAAT_HUMAN

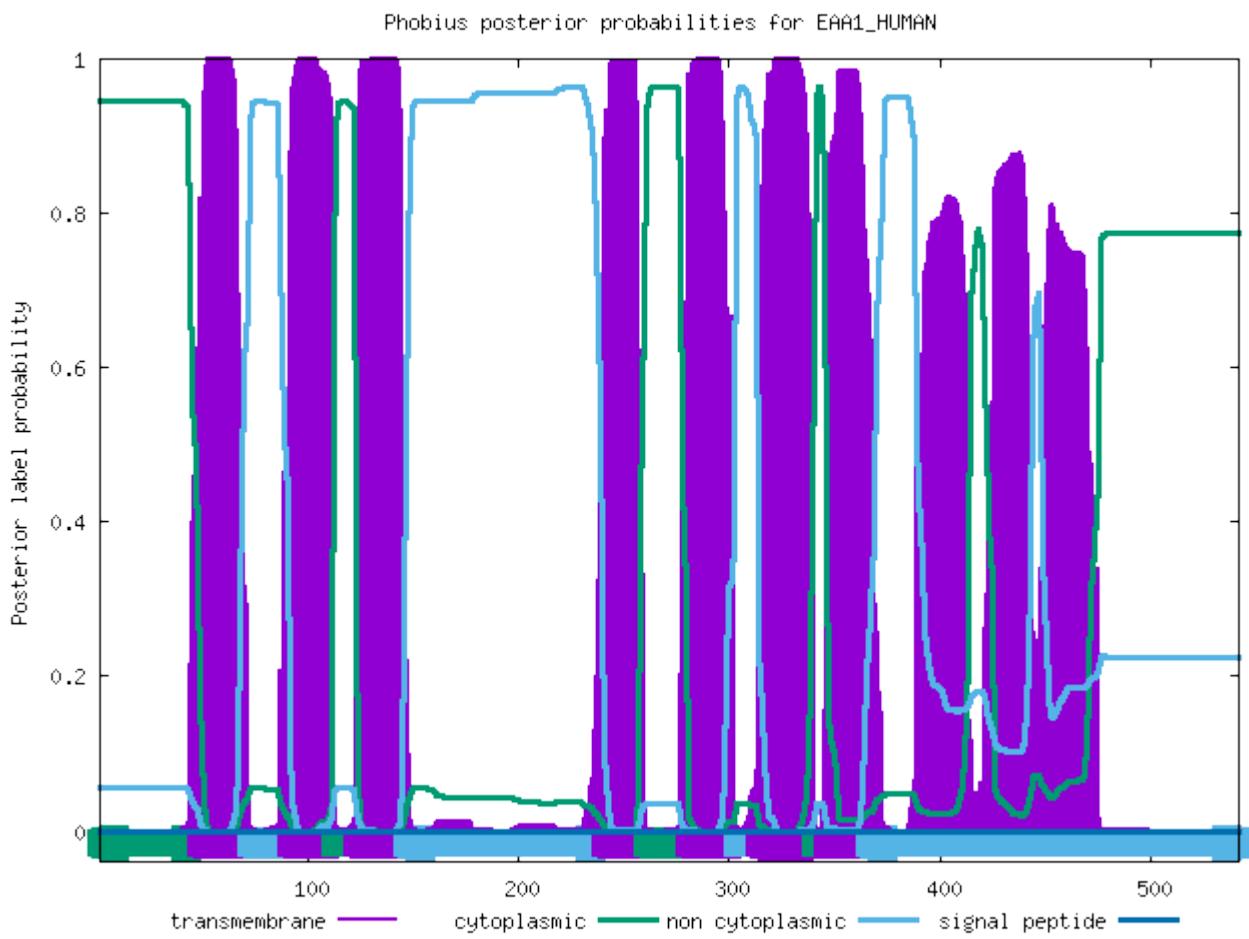
| ID | AAAT_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 52 | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 79 | |
| FT | TOPO_DOM | 80 | 98 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 119 | |
| FT | TOPO_DOM | 120 | 130 | CYTOPLASMIC. |
| FT | TRANSMEM | 131 | 153 | |
| FT | TOPO_DOM | 154 | 227 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 245 | |
| FT | TOPO_DOM | 246 | 265 | CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 290 | |
| FT | TOPO_DOM | 291 | 301 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 302 | 328 | |
| FT | TOPO_DOM | 329 | 334 | CYTOPLASMIC. |
| FT | TRANSMEM | 335 | 357 | |
| FT | TOPO_DOM | 358 | 376 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 377 | 402 | |
| FT | TOPO_DOM | 403 | 413 | CYTOPLASMIC. |
| FT | TRANSMEM | 414 | 443 | |
| FT | TOPO_DOM | 444 | 541 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EAA1_HUMAN

| ID | EAA1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 48 | CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 71 | |
| FT | TOPO_DOM | 72 | 90 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 111 | |
| FT | TOPO_DOM | 112 | 122 | CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 145 | |
| FT | TOPO_DOM | 146 | 240 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 260 | |
| FT | TOPO_DOM | 261 | 280 | CYTOPLASMIC. |
| FT | TRANSMEM | 281 | 302 | |
| FT | TOPO_DOM | 303 | 313 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 314 | 339 | |
| FT | TOPO_DOM | 340 | 345 | CYTOPLASMIC. |
| FT | TRANSMEM | 346 | 365 | |
| FT | TOPO_DOM | 366 | 542 | NON CYTOPLASMIC. |
| // | | | | |

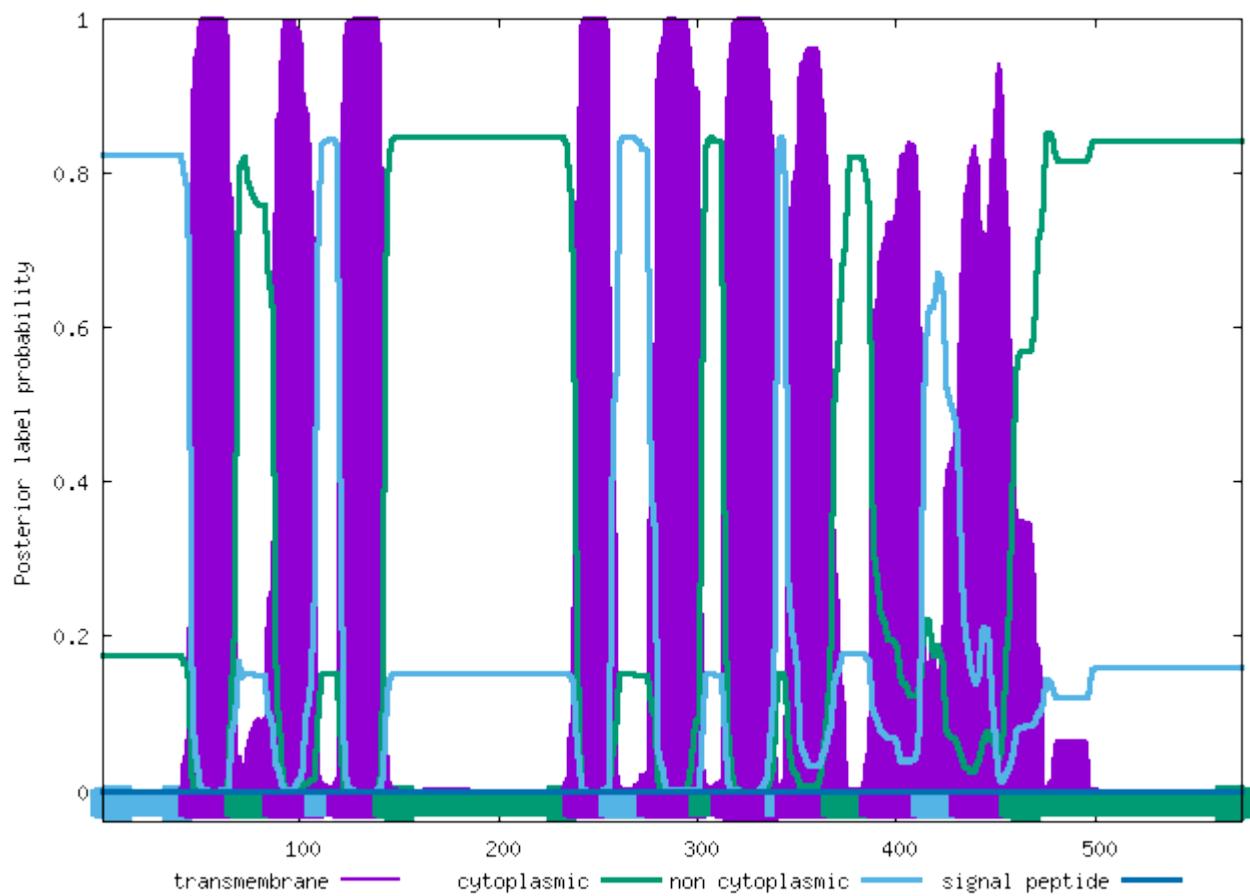


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EAA2_HUMAN

| ID | EAA2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 44 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 67 | |
| FT | TOPO_DOM | 68 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 108 | |
| FT | TOPO_DOM | 109 | 119 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 120 | 142 | |
| FT | TOPO_DOM | 143 | 238 | CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 256 | |
| FT | TOPO_DOM | 257 | 275 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 276 | 301 | |
| FT | TOPO_DOM | 302 | 312 | CYTOPLASMIC. |
| FT | TRANSMEM | 313 | 339 | |
| FT | TOPO_DOM | 340 | 344 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 345 | 368 | |
| FT | TOPO_DOM | 369 | 387 | CYTOPLASMIC. |
| FT | TRANSMEM | 388 | 413 | |
| FT | TOPO_DOM | 414 | 432 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 433 | 457 | |
| FT | TOPO_DOM | 458 | 574 | CYTOPLASMIC. |
| // | | | | |

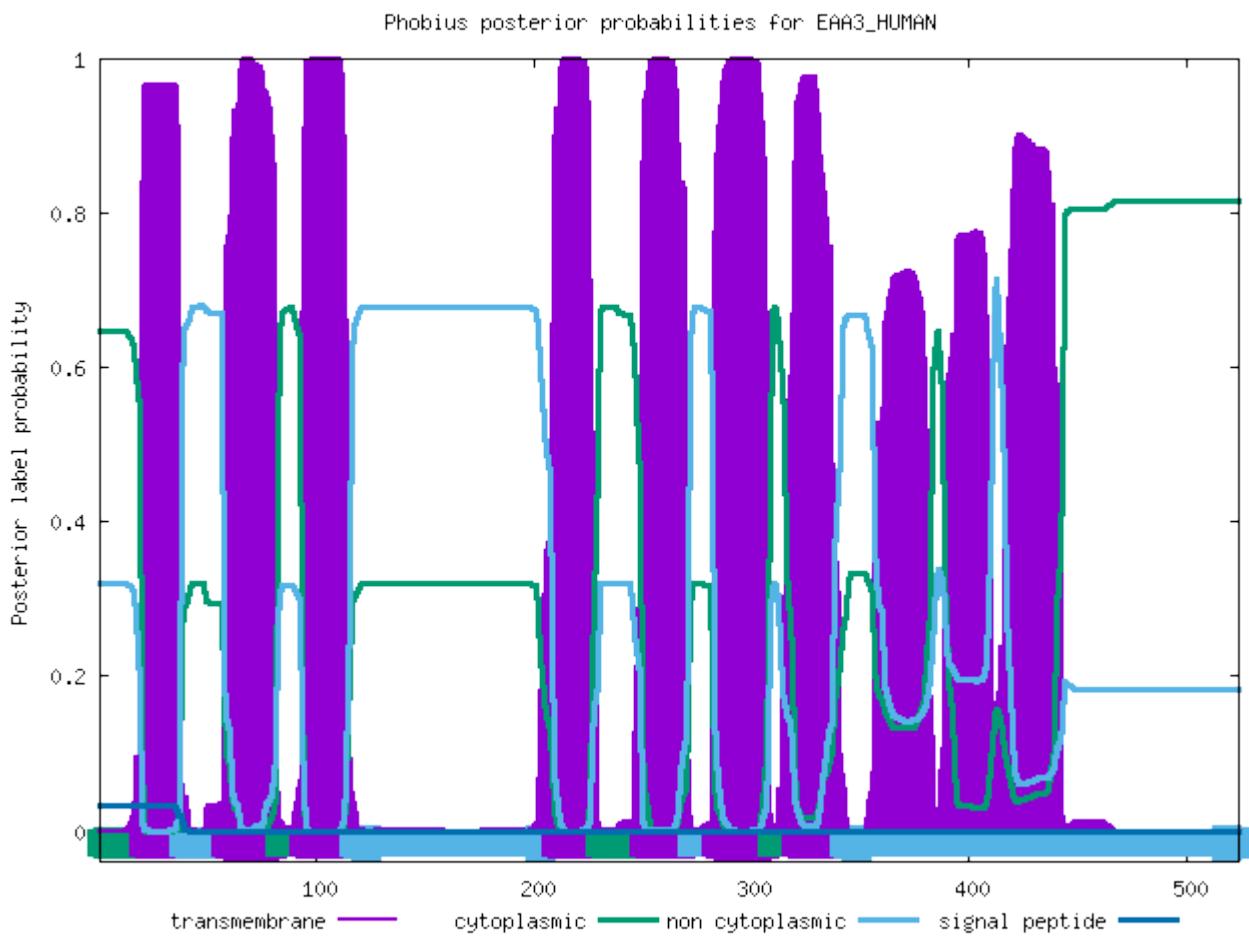
Phobius posterior probabilities for EAA2_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EAA3_HUMAN

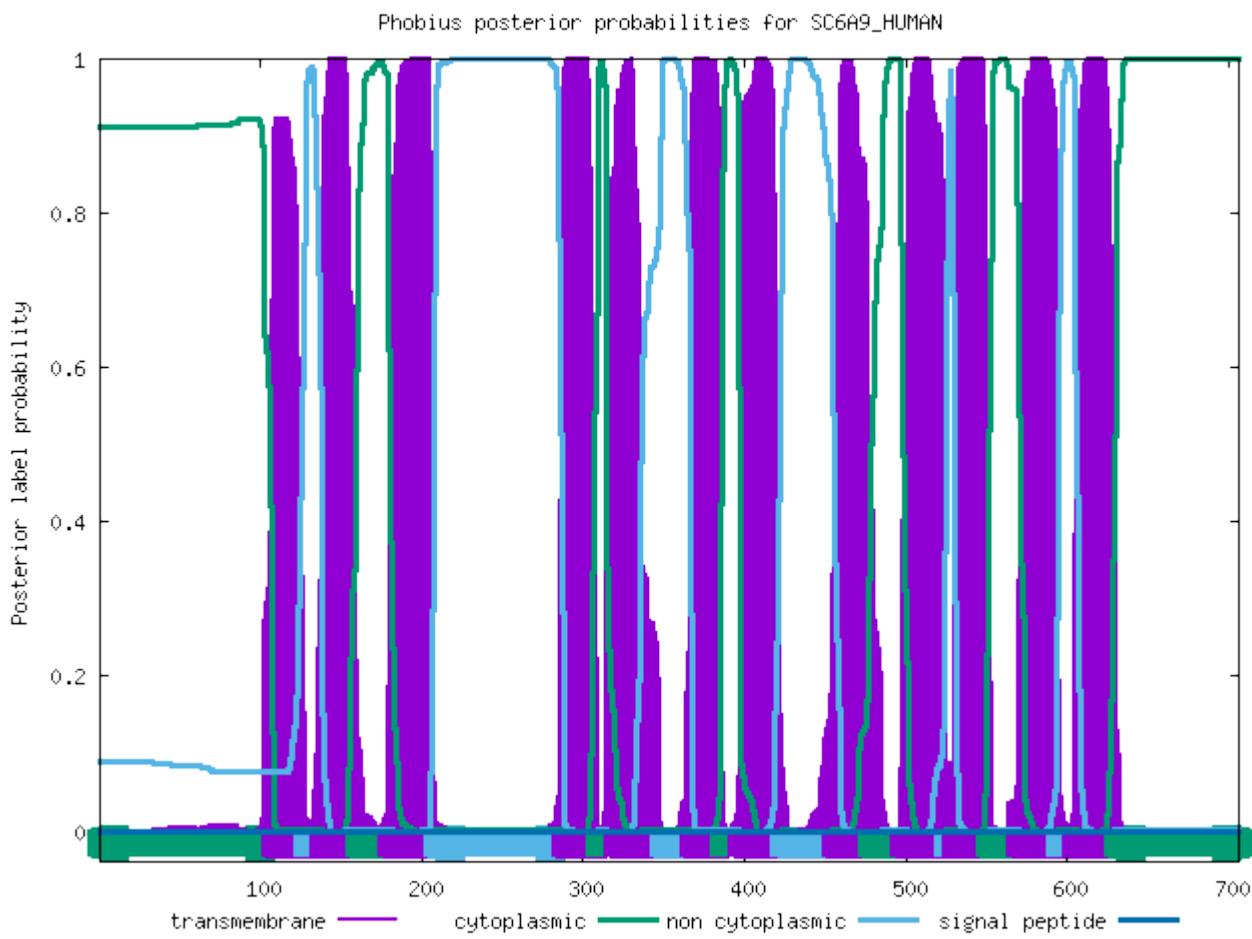
| ID | EAA3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 38 | |
| FT | TOPO_DOM | 39 | 57 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 58 | 82 | |
| FT | TOPO_DOM | 83 | 93 | CYTOPLASMIC. |
| FT | TRANSMEM | 94 | 116 | |
| FT | TOPO_DOM | 117 | 209 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 229 | |
| FT | TOPO_DOM | 230 | 249 | CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 271 | |
| FT | TOPO_DOM | 272 | 282 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 283 | 308 | |
| FT | TOPO_DOM | 309 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 341 | |
| FT | TOPO_DOM | 342 | 524 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC6A9_HUMAN

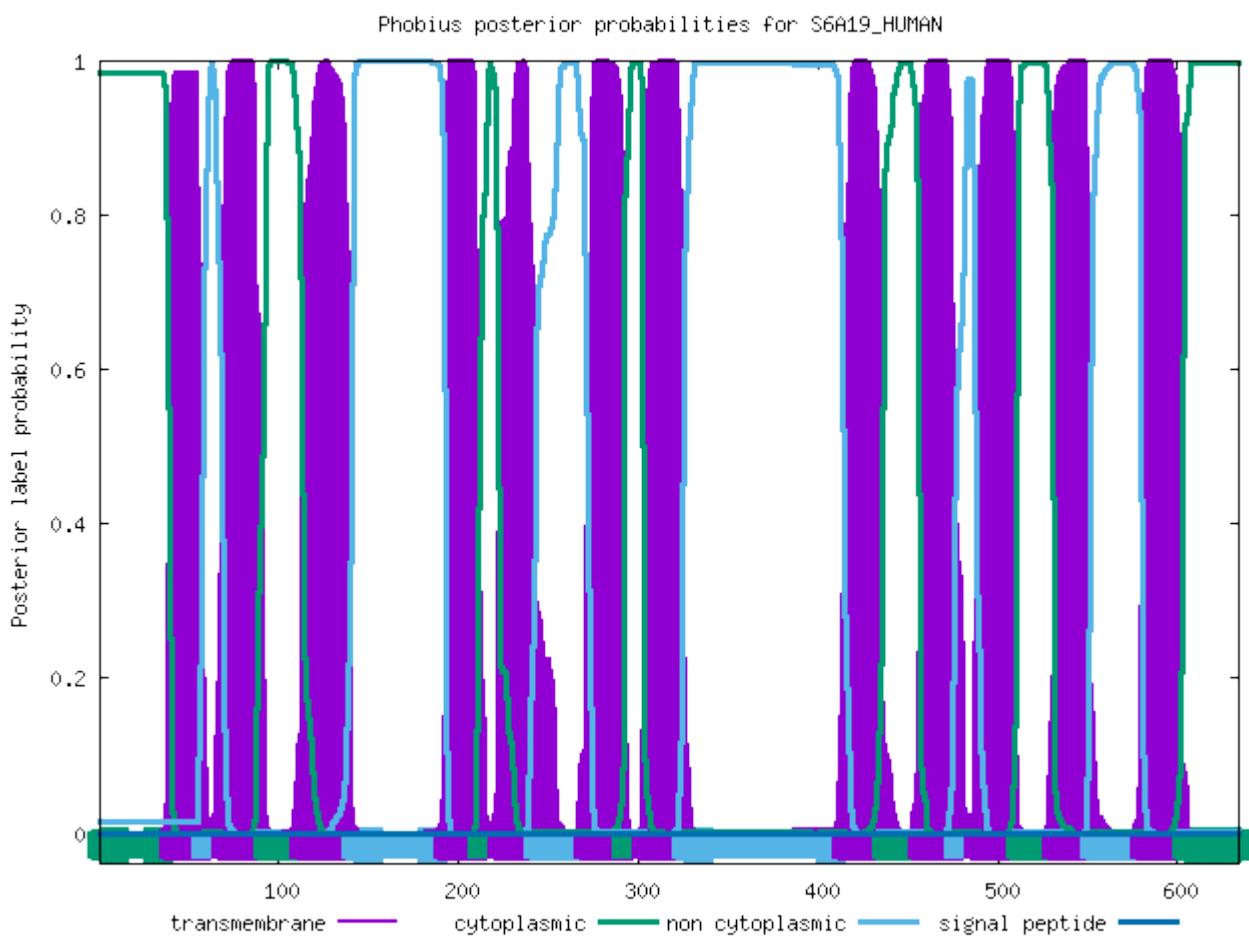
| ID | SC6A9_HUMAN | | |
|----|-------------|-----|----------------------|
| FT | TOPO_DOM | 1 | 108 CYTOPLASMIC. |
| FT | TRANSMEM | 109 | 127 |
| FT | TOPO_DOM | 128 | 138 NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 160 |
| FT | TOPO_DOM | 161 | 180 CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 208 |
| FT | TOPO_DOM | 209 | 287 NON CYTOPLASMIC. |
| FT | TRANSMEM | 288 | 309 |
| FT | TOPO_DOM | 310 | 320 CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 348 |
| FT | TOPO_DOM | 349 | 367 NON CYTOPLASMIC. |
| FT | TRANSMEM | 368 | 385 |
| FT | TOPO_DOM | 386 | 396 CYTOPLASMIC. |
| FT | TRANSMEM | 397 | 422 |
| FT | TOPO_DOM | 423 | 455 NON CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 477 |
| FT | TOPO_DOM | 478 | 497 CYTOPLASMIC. |
| FT | TRANSMEM | 498 | 524 |
| FT | TOPO_DOM | 525 | 529 NON CYTOPLASMIC. |
| FT | TRANSMEM | 530 | 550 |
| FT | TOPO_DOM | 551 | 569 CYTOPLASMIC. |
| FT | TRANSMEM | 570 | 593 |
| FT | TOPO_DOM | 594 | 604 NON CYTOPLASMIC. |
| FT | TRANSMEM | 605 | 630 |
| FT | TOPO_DOM | 631 | 706 CYTOPLASMIC. |
| // | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S6A19_HUMAN

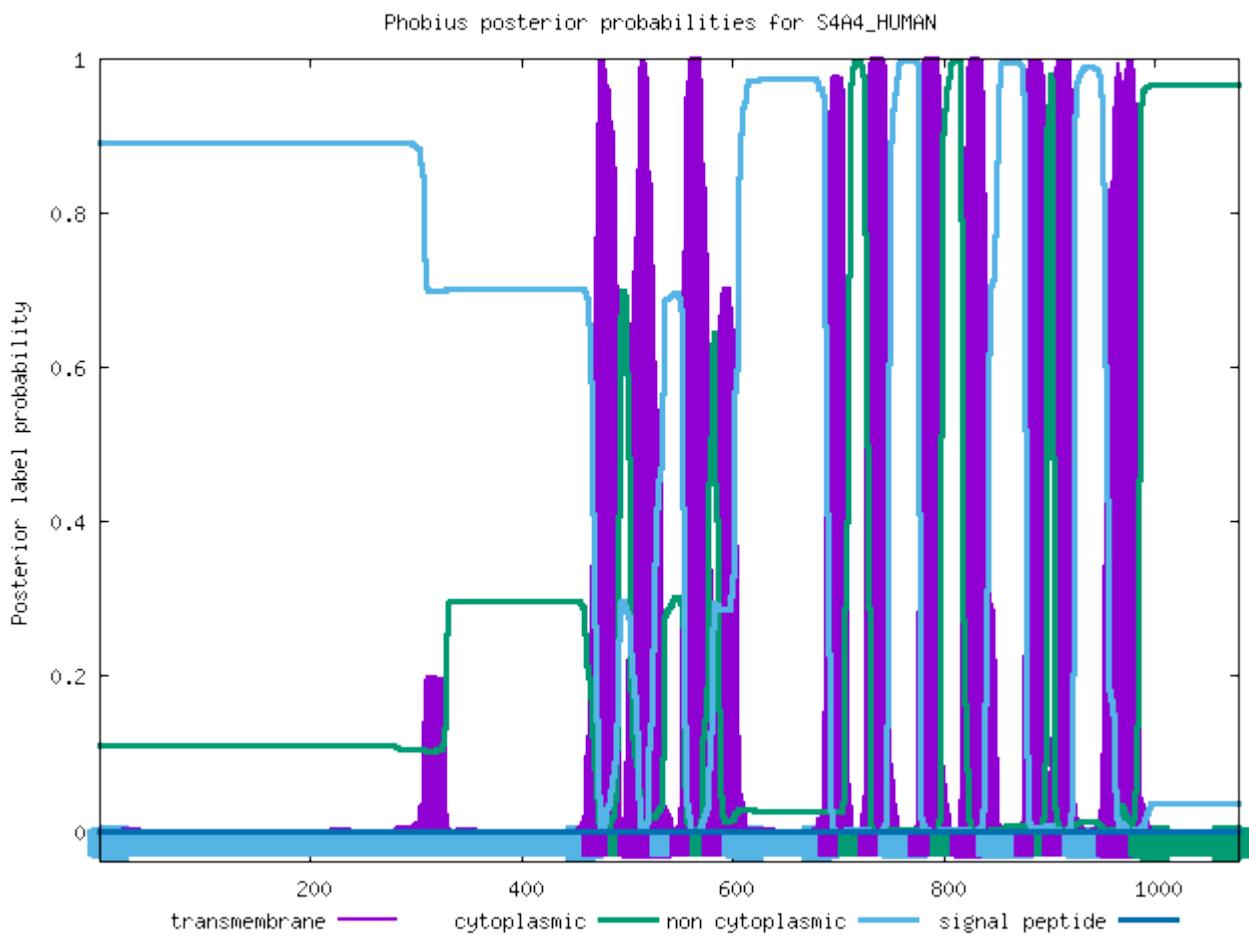
| ID | S6A19_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 40 | CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 58 | |
| FT | TOPO_DOM | 59 | 69 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 92 | |
| FT | TOPO_DOM | 93 | 112 | CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 141 | |
| FT | TOPO_DOM | 142 | 192 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 193 | 211 | |
| FT | TOPO_DOM | 212 | 222 | CYTOPLASMIC. |
| FT | TRANSMEM | 223 | 243 | |
| FT | TOPO_DOM | 244 | 270 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 271 | 292 | |
| FT | TOPO_DOM | 293 | 303 | CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 325 | |
| FT | TOPO_DOM | 326 | 414 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 415 | 436 | |
| FT | TOPO_DOM | 437 | 456 | CYTOPLASMIC. |
| FT | TRANSMEM | 457 | 476 | |
| FT | TOPO_DOM | 477 | 487 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 488 | 511 | |
| FT | TOPO_DOM | 512 | 531 | CYTOPLASMIC. |
| FT | TRANSMEM | 532 | 552 | |
| FT | TOPO_DOM | 553 | 580 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 581 | 603 | |
| FT | TOPO_DOM | 604 | 634 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S4A4_HUMAN

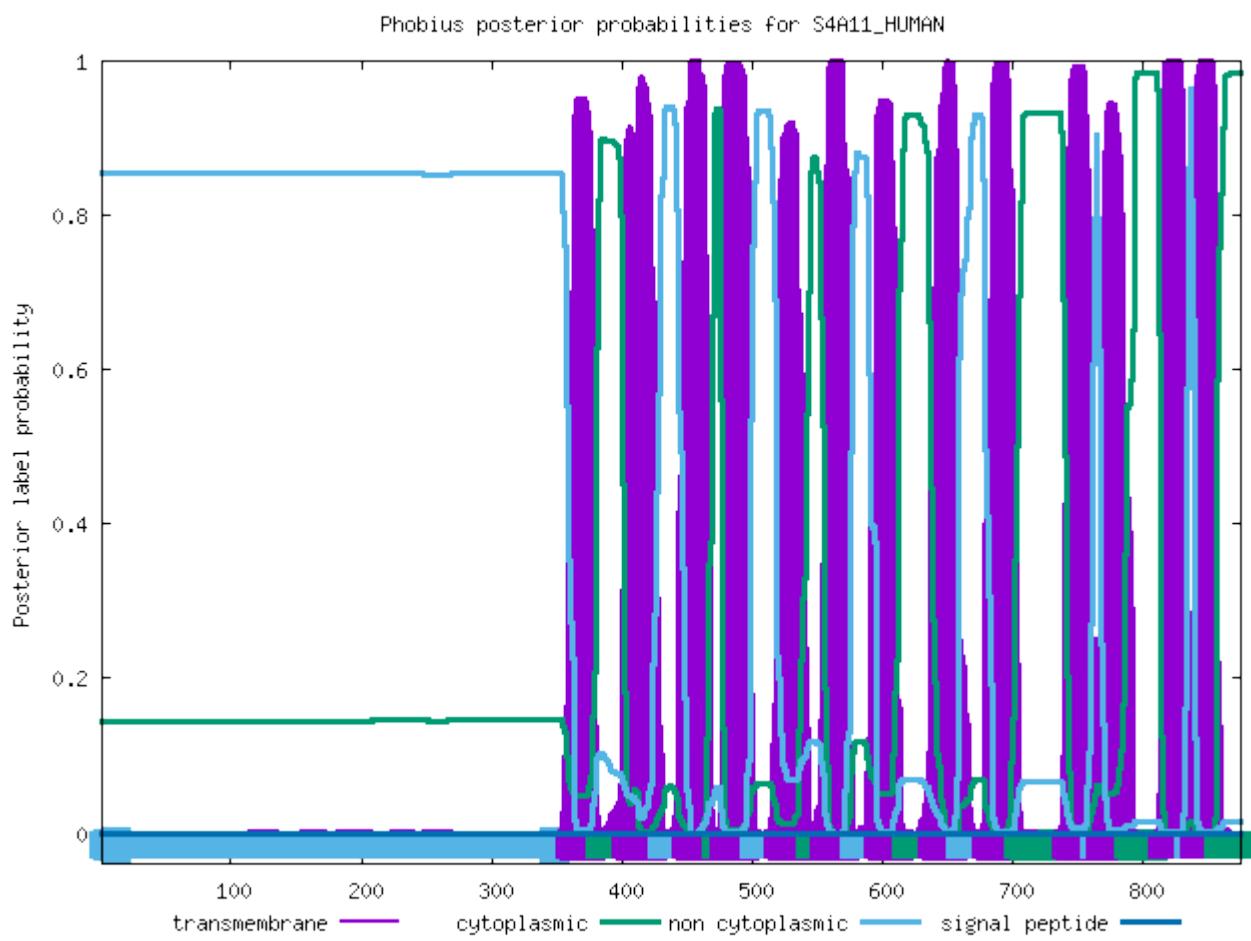
| ID | S4A4_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 468 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 469 | 492 | |
| FT | TOPO_DOM | 493 | 503 | CYTOPLASMIC. |
| FT | TRANSMEM | 504 | 533 | |
| FT | TOPO_DOM | 534 | 552 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 553 | 571 | |
| FT | TOPO_DOM | 572 | 582 | CYTOPLASMIC. |
| FT | TRANSMEM | 583 | 601 | |
| FT | TOPO_DOM | 602 | 691 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 692 | 710 | |
| FT | TOPO_DOM | 711 | 729 | CYTOPLASMIC. |
| FT | TRANSMEM | 730 | 748 | |
| FT | TOPO_DOM | 749 | 776 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 777 | 797 | |
| FT | TOPO_DOM | 798 | 817 | CYTOPLASMIC. |
| FT | TRANSMEM | 818 | 842 | |
| FT | TOPO_DOM | 843 | 877 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 878 | 897 | |
| FT | TOPO_DOM | 898 | 903 | CYTOPLASMIC. |
| FT | TRANSMEM | 904 | 923 | |
| FT | TOPO_DOM | 924 | 954 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 955 | 986 | |
| FT | TOPO_DOM | 987 | 1079 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S4A11_HUMAN

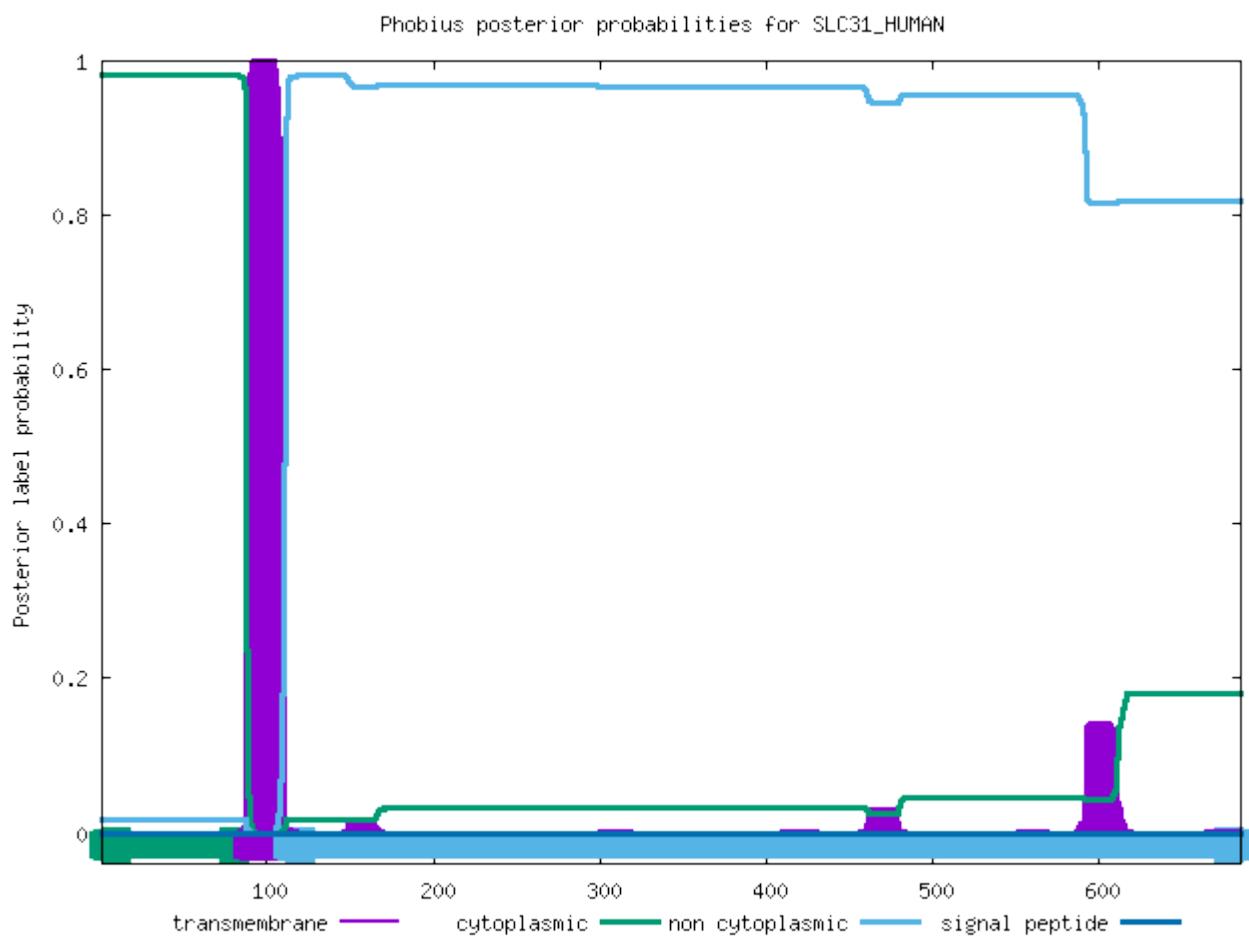
| ID | S4A11_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 358 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 359 | 381 | |
| FT | TOPO_DOM | 382 | 401 | CYTOPLASMIC. |
| FT | TRANSMEM | 402 | 428 | |
| FT | TOPO_DOM | 429 | 447 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 448 | 470 | |
| FT | TOPO_DOM | 471 | 476 | CYTOPLASMIC. |
| FT | TRANSMEM | 477 | 499 | |
| FT | TOPO_DOM | 500 | 518 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 519 | 542 | |
| FT | TOPO_DOM | 543 | 553 | CYTOPLASMIC. |
| FT | TRANSMEM | 554 | 576 | |
| FT | TOPO_DOM | 577 | 595 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 596 | 616 | |
| FT | TOPO_DOM | 617 | 636 | CYTOPLASMIC. |
| FT | TRANSMEM | 637 | 658 | |
| FT | TOPO_DOM | 659 | 677 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 678 | 702 | |
| FT | TOPO_DOM | 703 | 739 | CYTOPLASMIC. |
| FT | TRANSMEM | 740 | 760 | |
| FT | TOPO_DOM | 761 | 765 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 766 | 786 | |
| FT | TOPO_DOM | 787 | 812 | CYTOPLASMIC. |
| FT | TRANSMEM | 813 | 832 | |
| FT | TOPO_DOM | 833 | 837 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 838 | 856 | |
| FT | TOPO_DOM | 857 | 875 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SLC31_HUMAN

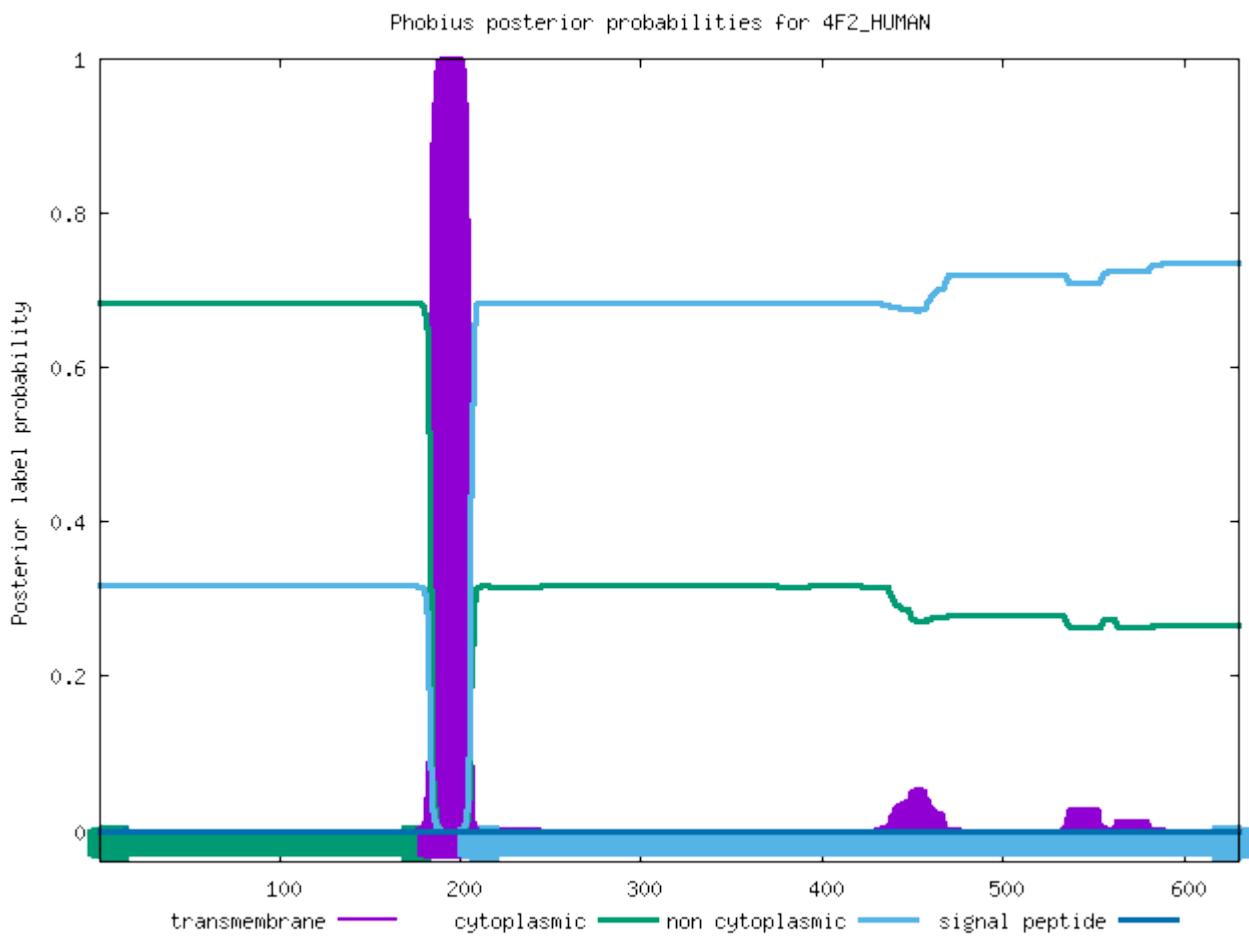
| | | | | |
|----|-------------|-----|-----|------------------|
| ID | SLC31_HUMAN | | | |
| FT | TOPO_DOM | 1 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 110 | |
| FT | TOPO_DOM | 111 | 685 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of 4F2_HUMAN

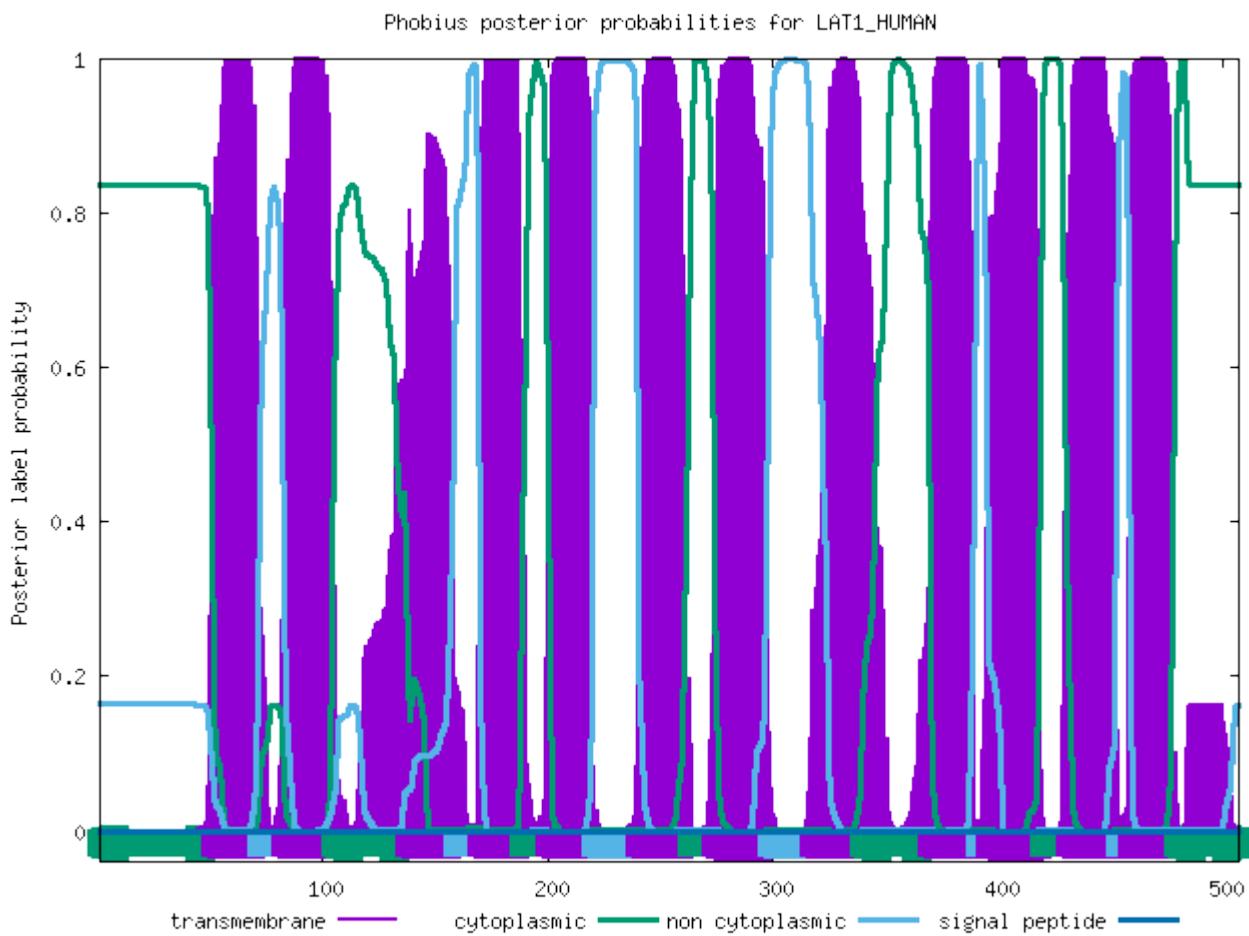
| | | | | |
|----|-----------|-----|-----|------------------|
| ID | 4F2_HUMAN | | | |
| FT | TOPO_DOM | 1 | 182 | CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 205 | |
| FT | TOPO_DOM | 206 | 630 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LAT1_HUMAN

| ID | LAT1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 51 | CYTOPLASMIC. |
| FT | TRANSMEM | 52 | 71 | |
| FT | TOPO_DOM | 72 | 82 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 83 | 104 | |
| FT | TOPO_DOM | 105 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 158 | |
| FT | TOPO_DOM | 159 | 169 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 188 | |
| FT | TOPO_DOM | 189 | 199 | CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 220 | |
| FT | TOPO_DOM | 221 | 239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 240 | 262 | |
| FT | TOPO_DOM | 263 | 273 | CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 298 | |
| FT | TOPO_DOM | 299 | 317 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 339 | |
| FT | TOPO_DOM | 340 | 369 | CYTOPLASMIC. |
| FT | TRANSMEM | 370 | 390 | |
| FT | TOPO_DOM | 391 | 395 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 396 | 419 | |
| FT | TOPO_DOM | 420 | 430 | CYTOPLASMIC. |
| FT | TRANSMEM | 431 | 453 | |
| FT | TOPO_DOM | 454 | 458 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 459 | 478 | |
| FT | TOPO_DOM | 479 | 507 | CYTOPLASMIC. |
| // | | | | |

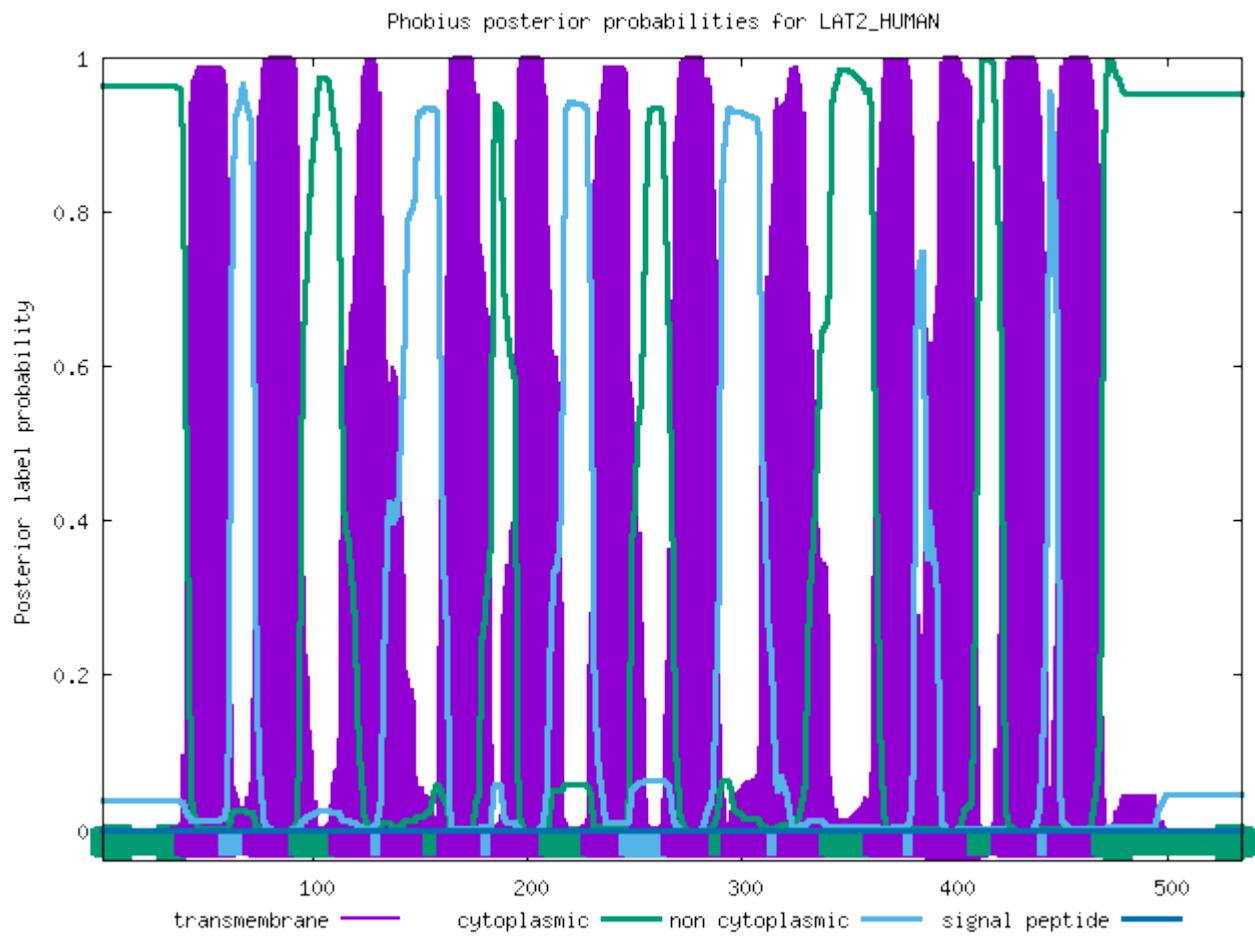


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of LAT2_HUMAN

| ID | LAT2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 60 | |
| FT | TOPO_DOM | 61 | 71 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 93 | |
| FT | TOPO_DOM | 94 | 112 | CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 131 | |
| FT | TOPO_DOM | 132 | 136 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 137 | 156 | |
| FT | TOPO_DOM | 157 | 162 | CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 183 | |
| FT | TOPO_DOM | 184 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 210 | |
| FT | TOPO_DOM | 211 | 230 | CYTOPLASMIC. |
| FT | TRANSMEM | 231 | 248 | |
| FT | TOPO_DOM | 249 | 267 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 290 | |
| FT | TOPO_DOM | 291 | 296 | CYTOPLASMIC. |
| FT | TRANSMEM | 297 | 317 | |
| FT | TOPO_DOM | 318 | 322 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 323 | 342 | |
| FT | TOPO_DOM | 343 | 362 | CYTOPLASMIC. |
| FT | TRANSMEM | 363 | 381 | |
| FT | TOPO_DOM | 382 | 386 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 411 | |
| FT | TOPO_DOM | 412 | 422 | CYTOPLASMIC. |
| FT | TRANSMEM | 423 | 444 | |
| FT | TOPO_DOM | 445 | 449 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 469 | |

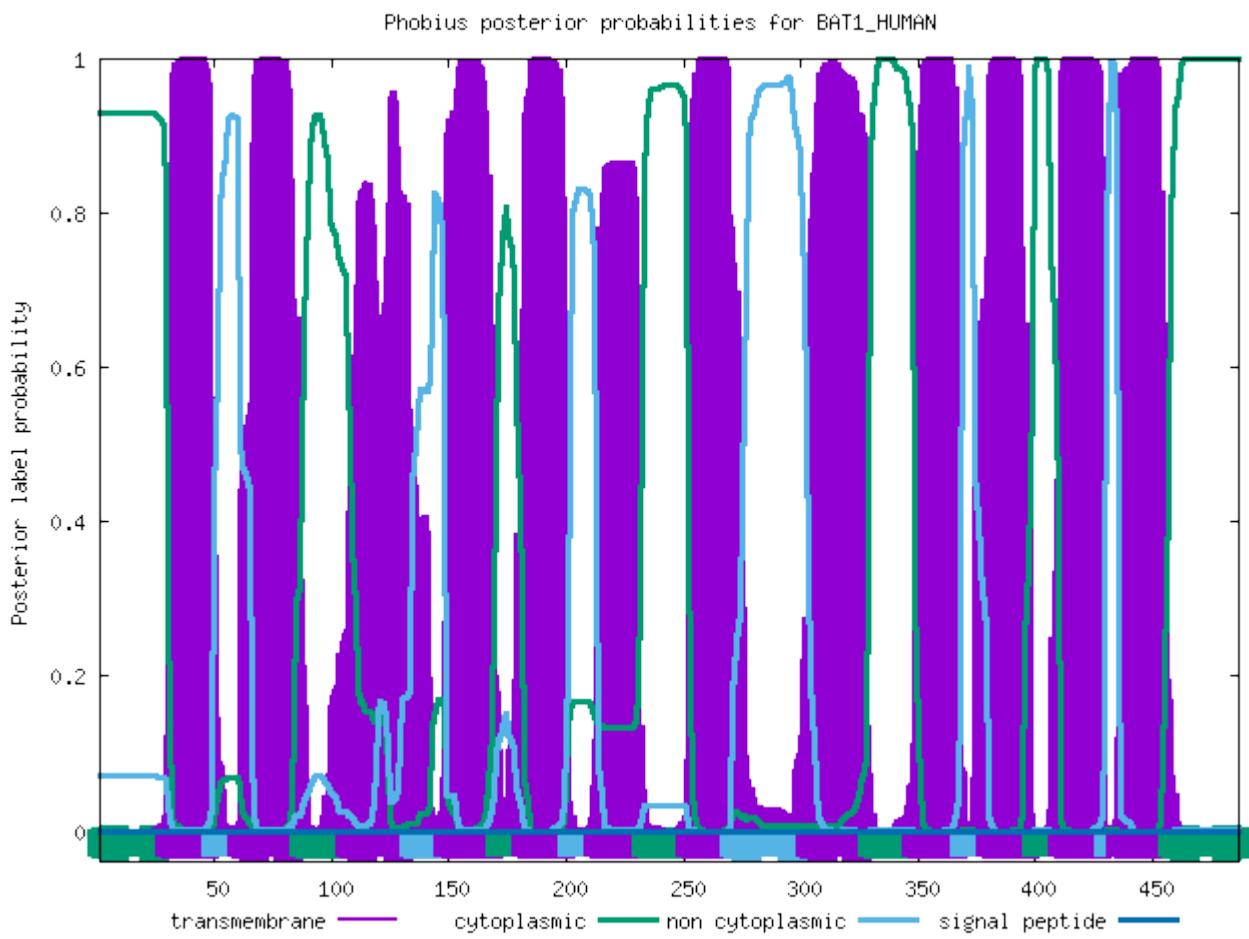
FT TOPO_DOM 470 535 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of BAT1_HUMAN

| ID | BAT1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 29 | CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 49 | |
| FT | TOPO_DOM | 50 | 60 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 61 | 86 | |
| FT | TOPO_DOM | 87 | 106 | CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 133 | |
| FT | TOPO_DOM | 134 | 148 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 170 | |
| FT | TOPO_DOM | 171 | 181 | CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 201 | |
| FT | TOPO_DOM | 202 | 212 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 213 | 232 | |
| FT | TOPO_DOM | 233 | 251 | CYTOPLASMIC. |
| FT | TRANSMEM | 252 | 270 | |
| FT | TOPO_DOM | 271 | 302 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 303 | 329 | |
| FT | TOPO_DOM | 330 | 348 | CYTOPLASMIC. |
| FT | TRANSMEM | 349 | 368 | |
| FT | TOPO_DOM | 369 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 399 | |
| FT | TOPO_DOM | 400 | 410 | CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 430 | |
| FT | TOPO_DOM | 431 | 435 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 436 | 457 | |
| FT | TOPO_DOM | 458 | 487 | CYTOPLASMIC. |

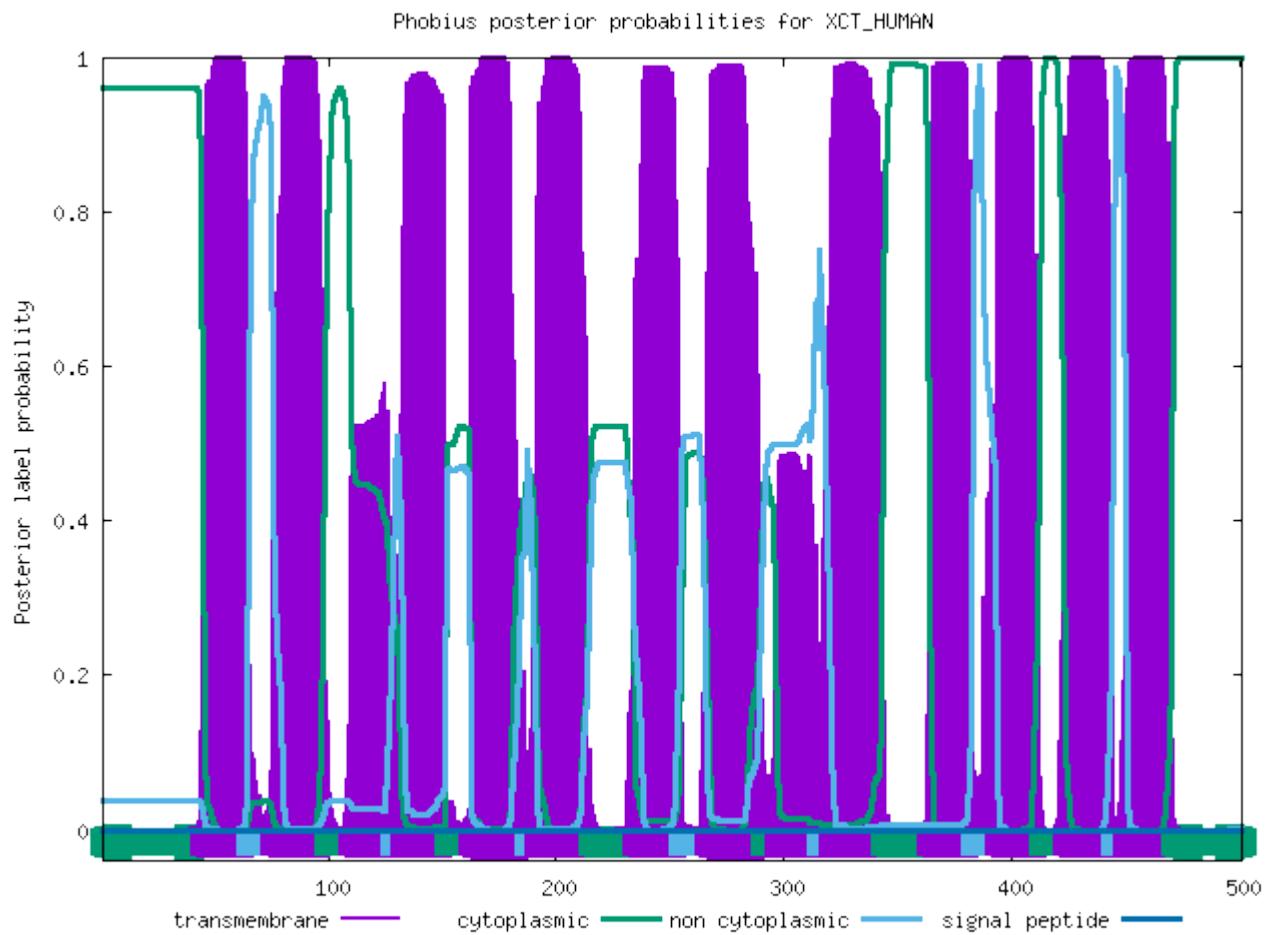


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of XCT_HUMAN

| ID | XCT_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 44 | CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 64 | |
| FT | TOPO_DOM | 65 | 75 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 76 | 98 | |
| FT | TOPO_DOM | 99 | 109 | CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 127 | |
| FT | TOPO_DOM | 128 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 151 | |
| FT | TOPO_DOM | 152 | 162 | CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 186 | |
| FT | TOPO_DOM | 187 | 191 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 192 | 214 | |
| FT | TOPO_DOM | 215 | 234 | CYTOPLASMIC. |
| FT | TRANSMEM | 235 | 254 | |
| FT | TOPO_DOM | 255 | 265 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 266 | 290 | |
| FT | TOPO_DOM | 291 | 296 | CYTOPLASMIC. |
| FT | TRANSMEM | 297 | 315 | |
| FT | TOPO_DOM | 316 | 320 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 343 | |
| FT | TOPO_DOM | 344 | 363 | CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 382 | |
| FT | TOPO_DOM | 383 | 393 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 394 | 412 | |
| FT | TOPO_DOM | 413 | 423 | CYTOPLASMIC. |
| FT | TRANSMEM | 424 | 444 | |
| FT | TOPO_DOM | 445 | 449 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 470 | |

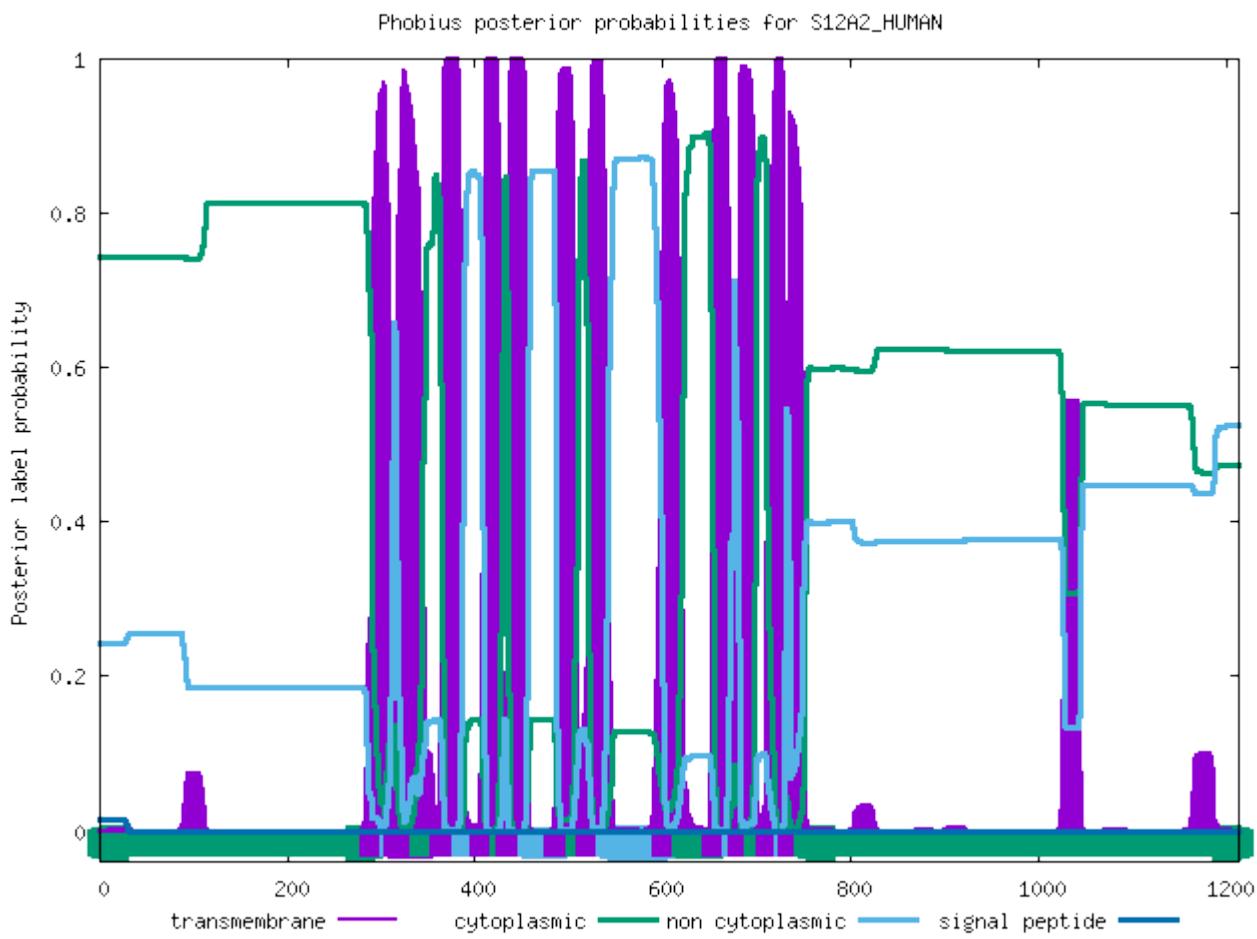
FT TOPO_DOM 471 501 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A2_HUMAN

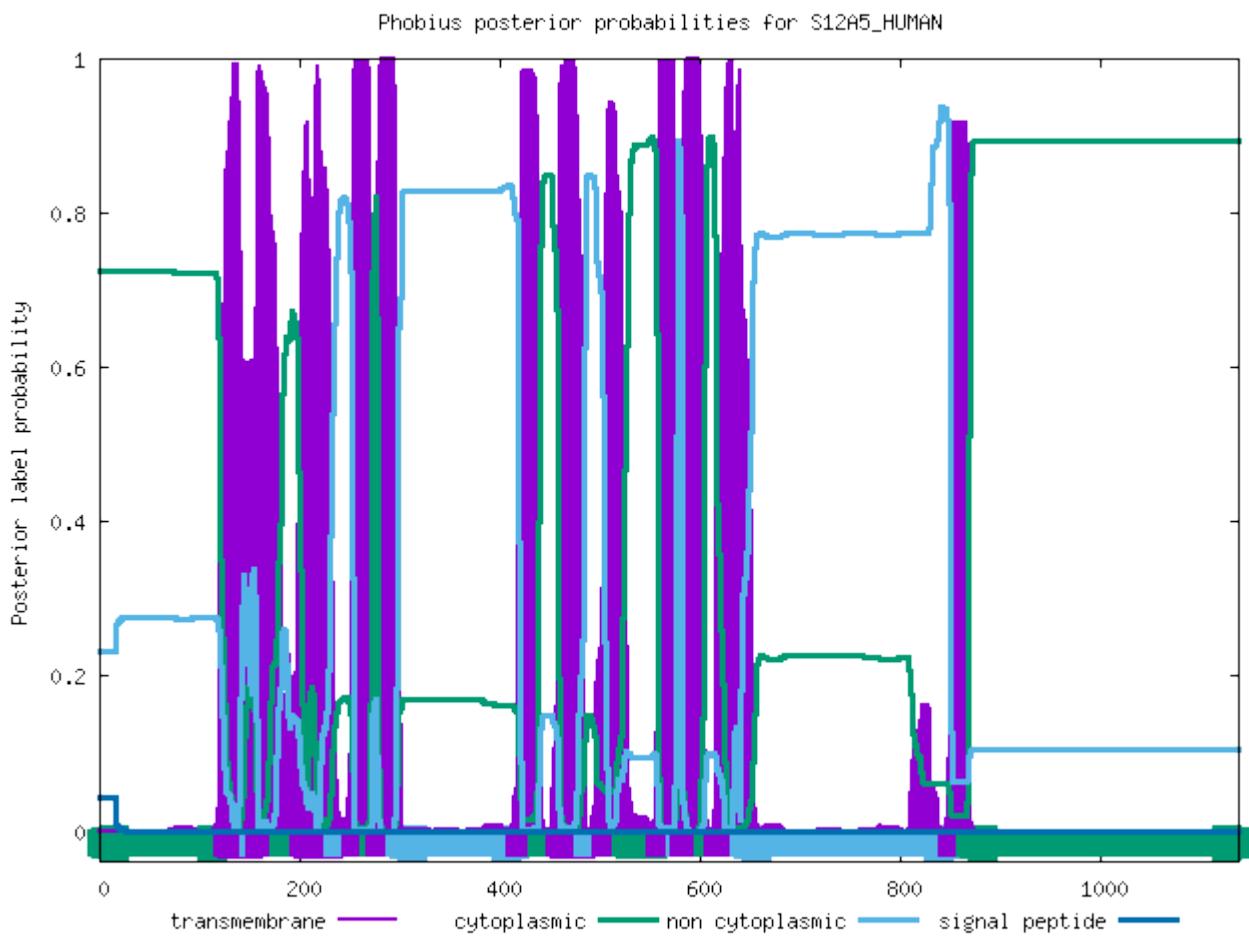
| ID | S12A2_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 290 | CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 311 | |
| FT | TOPO_DOM | 312 | 316 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 317 | 343 | |
| FT | TOPO_DOM | 344 | 363 | CYTOPLASMIC. |
| FT | TRANSMEM | 364 | 388 | |
| FT | TOPO_DOM | 389 | 407 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 408 | 427 | |
| FT | TOPO_DOM | 428 | 435 | CYTOPLASMIC. |
| FT | TRANSMEM | 436 | 457 | |
| FT | TOPO_DOM | 458 | 486 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 487 | 509 | |
| FT | TOPO_DOM | 510 | 520 | CYTOPLASMIC. |
| FT | TRANSMEM | 521 | 541 | |
| FT | TOPO_DOM | 542 | 601 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 602 | 622 | |
| FT | TOPO_DOM | 623 | 654 | CYTOPLASMIC. |
| FT | TRANSMEM | 655 | 675 | |
| FT | TOPO_DOM | 676 | 680 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 681 | 699 | |
| FT | TOPO_DOM | 700 | 710 | CYTOPLASMIC. |
| FT | TRANSMEM | 711 | 730 | |
| FT | TOPO_DOM | 731 | 735 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 736 | 751 | |
| FT | TOPO_DOM | 752 | 1212 | CYTOPLASMIC. |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A5_HUMAN

| ID | S12A5_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 125 | CYTOPLASMIC. |
| FT | TRANSMEM | 126 | 152 | |
| FT | TOPO_DOM | 153 | 157 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 158 | 182 | |
| FT | TOPO_DOM | 183 | 201 | CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 235 | |
| FT | TOPO_DOM | 236 | 254 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 272 | |
| FT | TOPO_DOM | 273 | 278 | CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 298 | |
| FT | TOPO_DOM | 299 | 418 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 439 | |
| FT | TOPO_DOM | 440 | 458 | CYTOPLASMIC. |
| FT | TRANSMEM | 459 | 485 | |
| FT | TOPO_DOM | 486 | 504 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 505 | 523 | |
| FT | TOPO_DOM | 524 | 558 | CYTOPLASMIC. |
| FT | TRANSMEM | 559 | 577 | |
| FT | TOPO_DOM | 578 | 582 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 583 | 605 | |
| FT | TOPO_DOM | 606 | 616 | CYTOPLASMIC. |
| FT | TRANSMEM | 617 | 641 | |
| FT | TOPO_DOM | 642 | 850 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 851 | 868 | |
| FT | TOPO_DOM | 869 | 1139 | CYTOPLASMIC. |
| // | | | | |

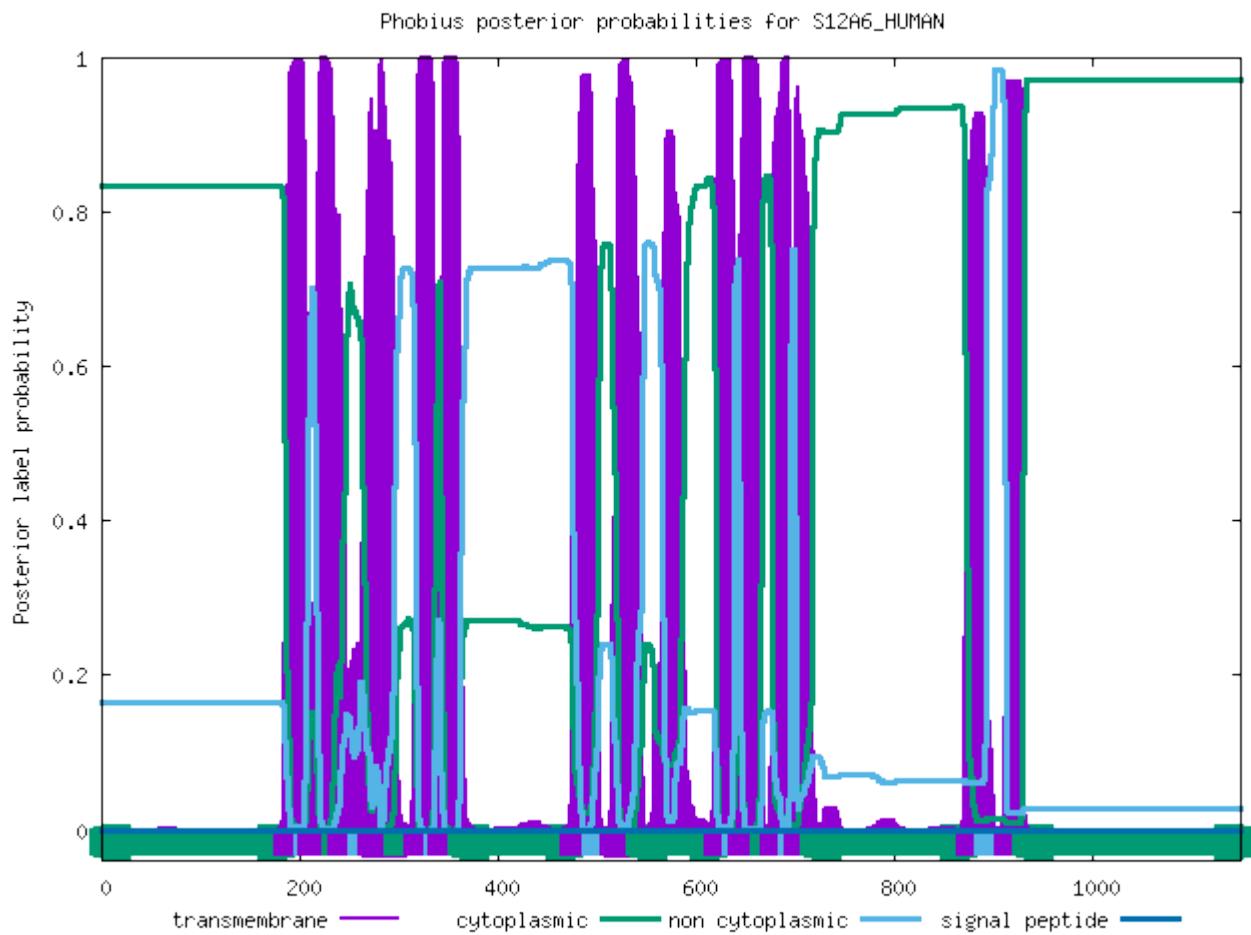


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A6_HUMAN

| ID | S12A6_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 185 | CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 206 | |
| FT | TOPO_DOM | 207 | 211 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 212 | 234 | |
| FT | TOPO_DOM | 235 | 240 | CYTOPLASMIC. |
| FT | TRANSMEM | 241 | 260 | |
| FT | TOPO_DOM | 261 | 271 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 297 | |
| FT | TOPO_DOM | 298 | 317 | CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 337 | |
| FT | TOPO_DOM | 338 | 342 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 343 | 362 | |
| FT | TOPO_DOM | 363 | 475 | CYTOPLASMIC. |
| FT | TRANSMEM | 476 | 496 | |
| FT | TOPO_DOM | 497 | 515 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 516 | 542 | |
| FT | TOPO_DOM | 543 | 620 | CYTOPLASMIC. |
| FT | TRANSMEM | 621 | 639 | |
| FT | TOPO_DOM | 640 | 644 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 645 | 666 | |
| FT | TOPO_DOM | 667 | 677 | CYTOPLASMIC. |
| FT | TRANSMEM | 678 | 695 | |
| FT | TOPO_DOM | 696 | 700 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 701 | 717 | |
| FT | TOPO_DOM | 718 | 874 | CYTOPLASMIC. |
| FT | TRANSMEM | 875 | 893 | |
| FT | TOPO_DOM | 894 | 912 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 913 | 930 | |

FT TOPO_DOM 931 1150 CYTOPLASMIC.
//

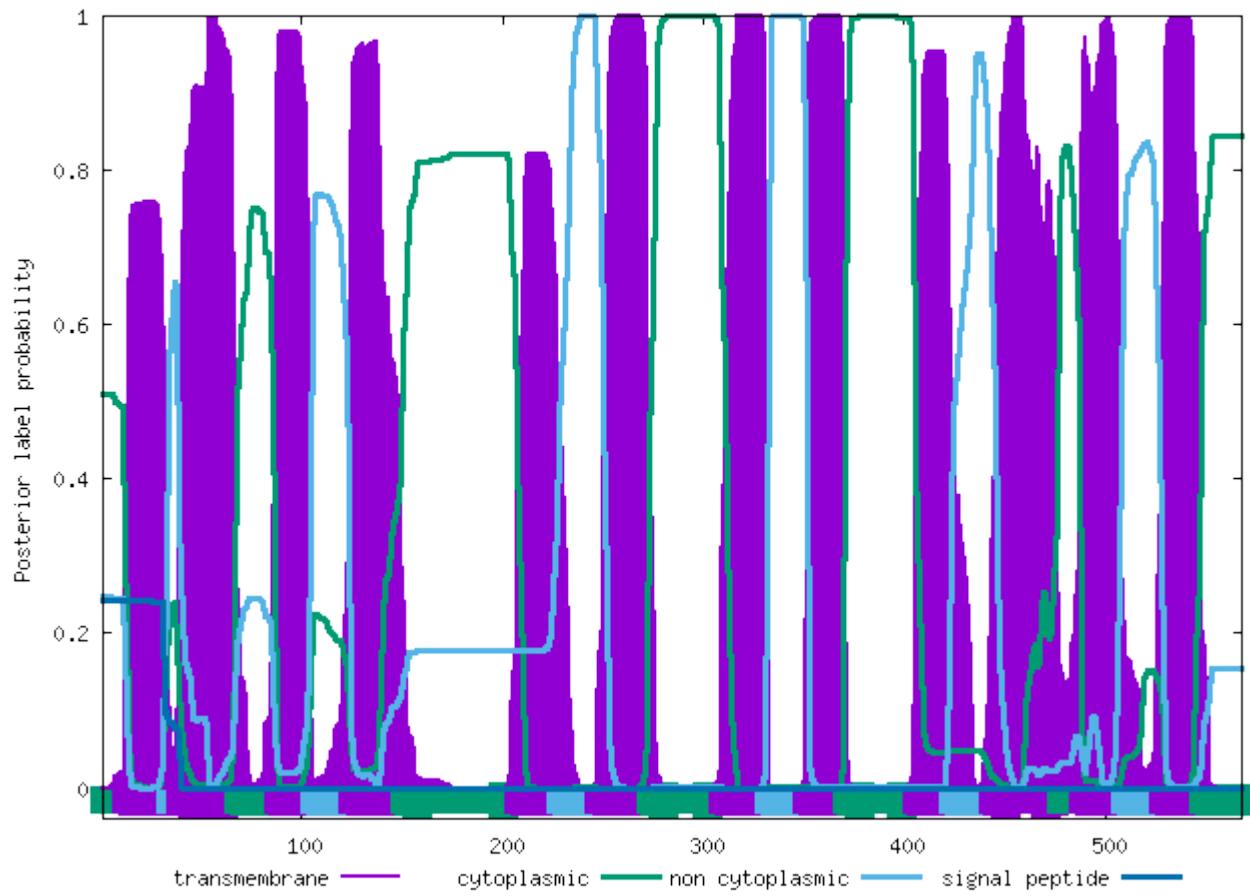


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S13A5_HUMAN

| ID | S13A5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 33 | |
| FT | TOPO_DOM | 34 | 38 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 67 | |
| FT | TOPO_DOM | 68 | 87 | CYTOPLASMIC. |
| FT | TRANSMEM | 88 | 105 | |
| FT | TOPO_DOM | 106 | 124 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 125 | 149 | |
| FT | TOPO_DOM | 150 | 206 | CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 227 | |
| FT | TOPO_DOM | 228 | 246 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 272 | |
| FT | TOPO_DOM | 273 | 308 | CYTOPLASMIC. |
| FT | TRANSMEM | 309 | 331 | |
| FT | TOPO_DOM | 332 | 350 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 370 | |
| FT | TOPO_DOM | 371 | 405 | CYTOPLASMIC. |
| FT | TRANSMEM | 406 | 423 | |
| FT | TOPO_DOM | 424 | 442 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 443 | 476 | |
| FT | TOPO_DOM | 477 | 487 | CYTOPLASMIC. |
| FT | TRANSMEM | 488 | 508 | |
| FT | TOPO_DOM | 509 | 527 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 528 | 547 | |
| FT | TOPO_DOM | 548 | 568 | CYTOPLASMIC. |

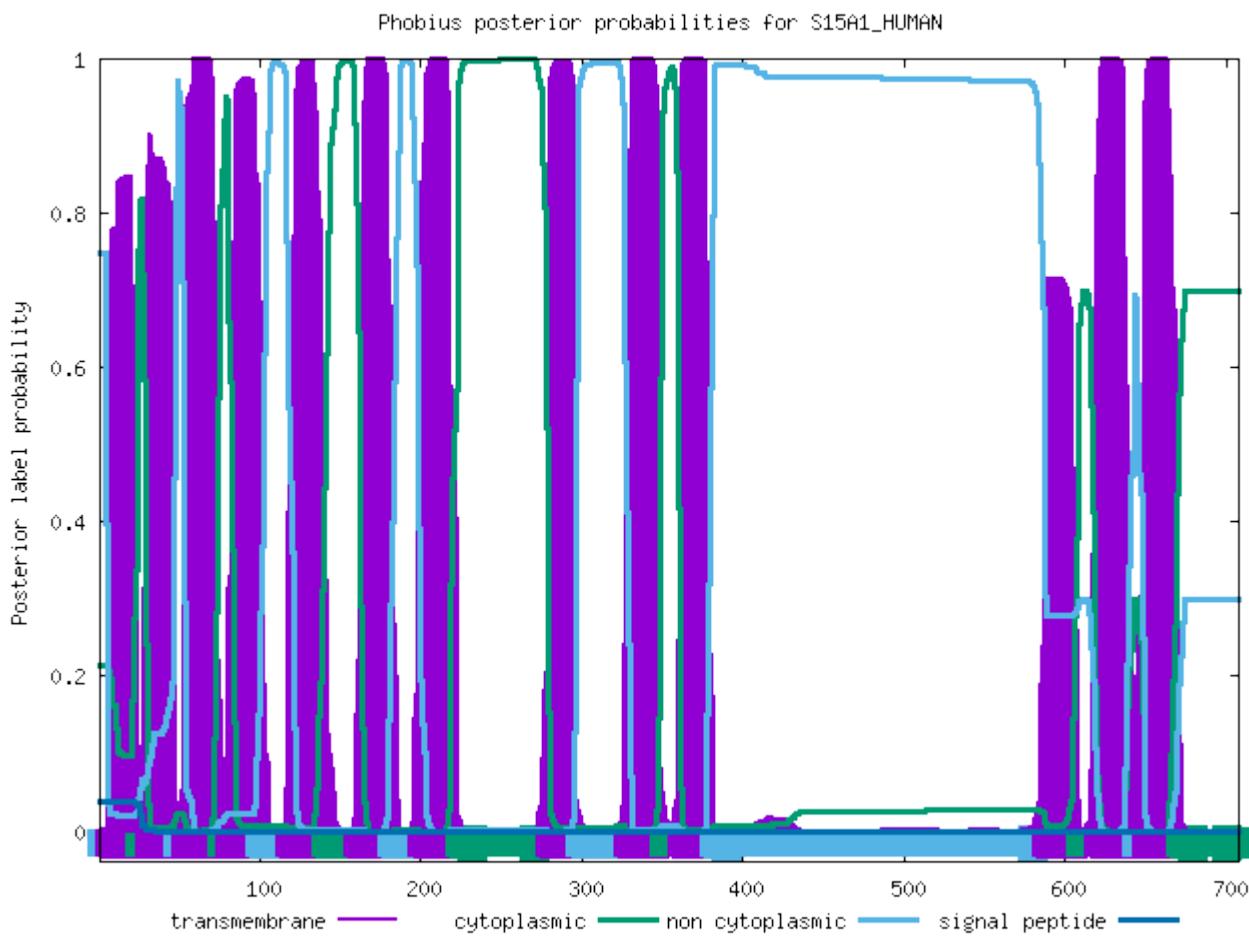
Phobius posterior probabilities for S13A5_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S15A1_HUMAN

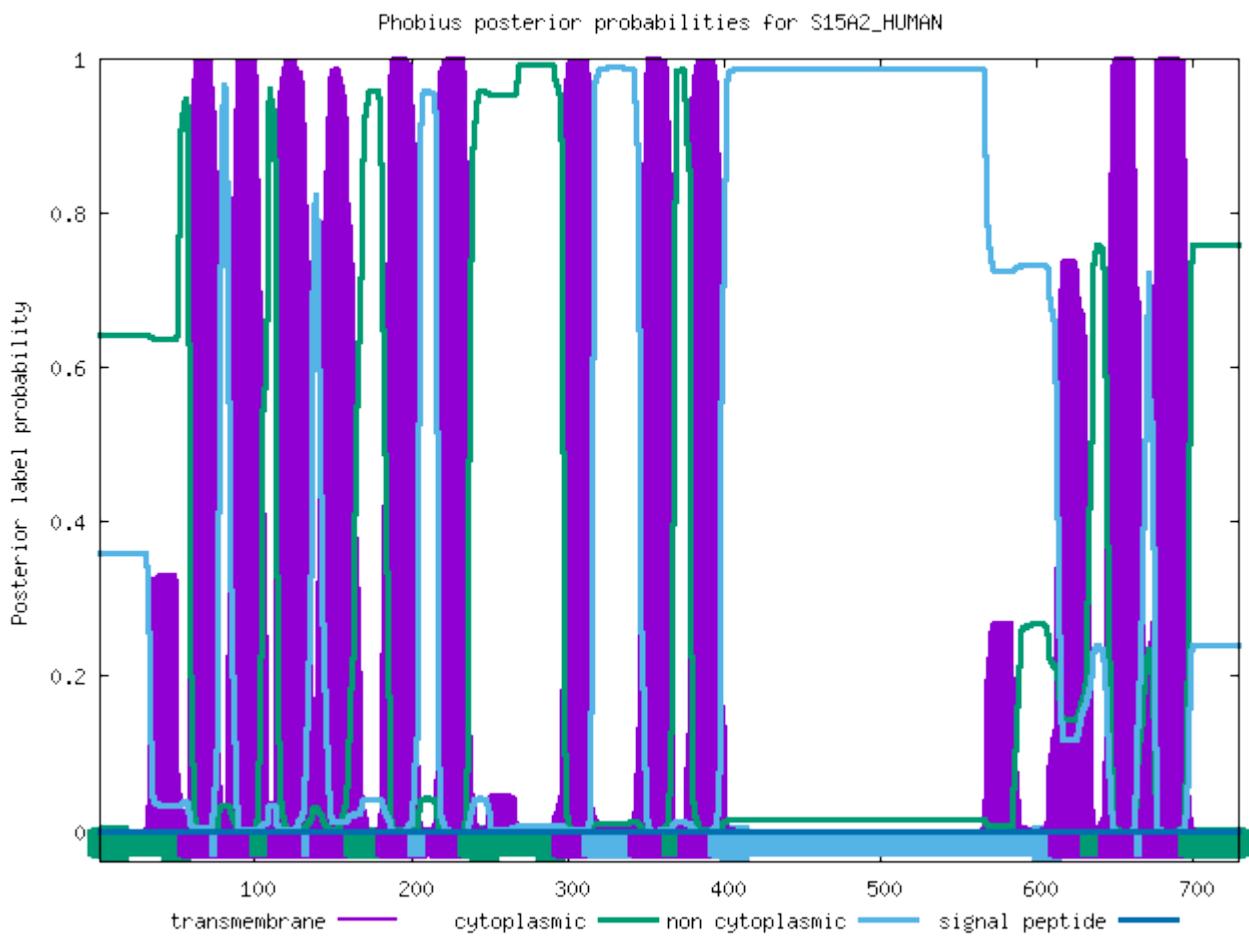
| ID | S15A1_HUMAN | | | | |
|----|-------------|-----|-----|--------------|--------------|
| FT | TOPO_DOM | 1 | 5 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 24 | | |
| FT | TOPO_DOM | 25 | 30 | CYTOPLASMIC. | |
| FT | TRANSMEM | 31 | 47 | | |
| FT | TOPO_DOM | 48 | 52 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 53 | 74 | | |
| FT | TOPO_DOM | 75 | 80 | CYTOPLASMIC. | |
| FT | TRANSMEM | 81 | 98 | | |
| FT | TOPO_DOM | 99 | 117 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 139 | | |
| FT | TOPO_DOM | 140 | 159 | CYTOPLASMIC. | |
| FT | TRANSMEM | 160 | 180 | | |
| FT | TOPO_DOM | 181 | 199 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 200 | 223 | | |
| FT | TOPO_DOM | 224 | 278 | CYTOPLASMIC. | |
| FT | TRANSMEM | 279 | 297 | | |
| FT | TOPO_DOM | 298 | 327 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 328 | 349 | | |
| FT | TOPO_DOM | 350 | 360 | CYTOPLASMIC. | |
| FT | TRANSMEM | 361 | 380 | | |
| FT | TOPO_DOM | 381 | 587 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 588 | 608 | | |
| FT | TOPO_DOM | 609 | 619 | CYTOPLASMIC. | |
| FT | TRANSMEM | 620 | 643 | | |
| FT | TOPO_DOM | 644 | 648 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 649 | 670 | | |
| FT | TOPO_DOM | 671 | 708 | CYTOPLASMIC. | |
| // | | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S15A2_HUMAN

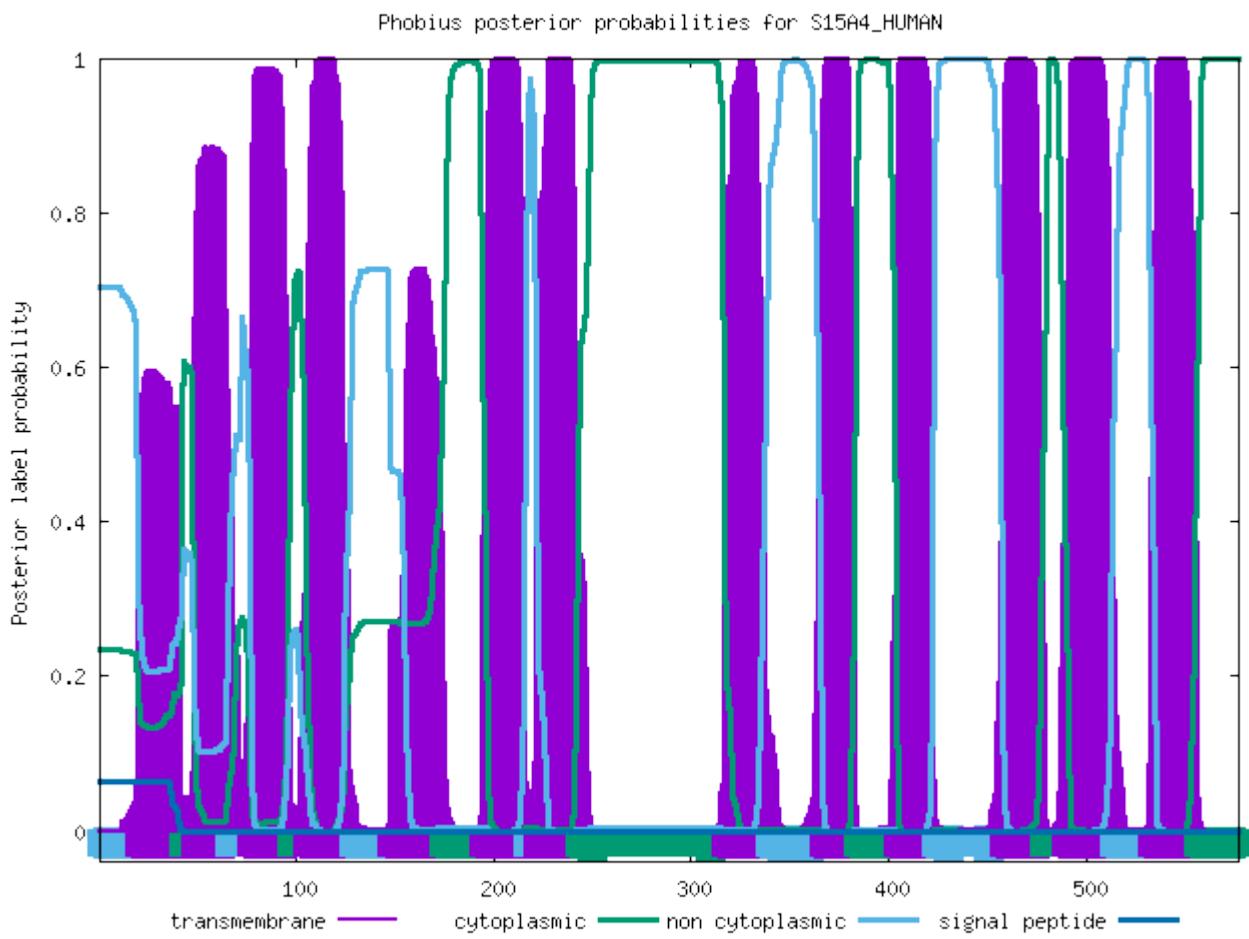
| ID | S15A2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 57 | CYTOPLASMIC. |
| FT | TRANSMEM | 58 | 78 | |
| FT | TOPO_DOM | 79 | 83 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 104 | |
| FT | TOPO_DOM | 105 | 115 | CYTOPLASMIC. |
| FT | TRANSMEM | 116 | 137 | |
| FT | TOPO_DOM | 138 | 142 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 164 | |
| FT | TOPO_DOM | 165 | 184 | CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 205 | |
| FT | TOPO_DOM | 206 | 216 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 237 | |
| FT | TOPO_DOM | 238 | 297 | CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 316 | |
| FT | TOPO_DOM | 317 | 345 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 346 | 367 | |
| FT | TOPO_DOM | 368 | 378 | CYTOPLASMIC. |
| FT | TRANSMEM | 379 | 397 | |
| FT | TOPO_DOM | 398 | 614 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 615 | 635 | |
| FT | TOPO_DOM | 636 | 646 | CYTOPLASMIC. |
| FT | TRANSMEM | 647 | 669 | |
| FT | TOPO_DOM | 670 | 674 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 675 | 697 | |
| FT | TOPO_DOM | 698 | 729 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S15A4_HUMAN

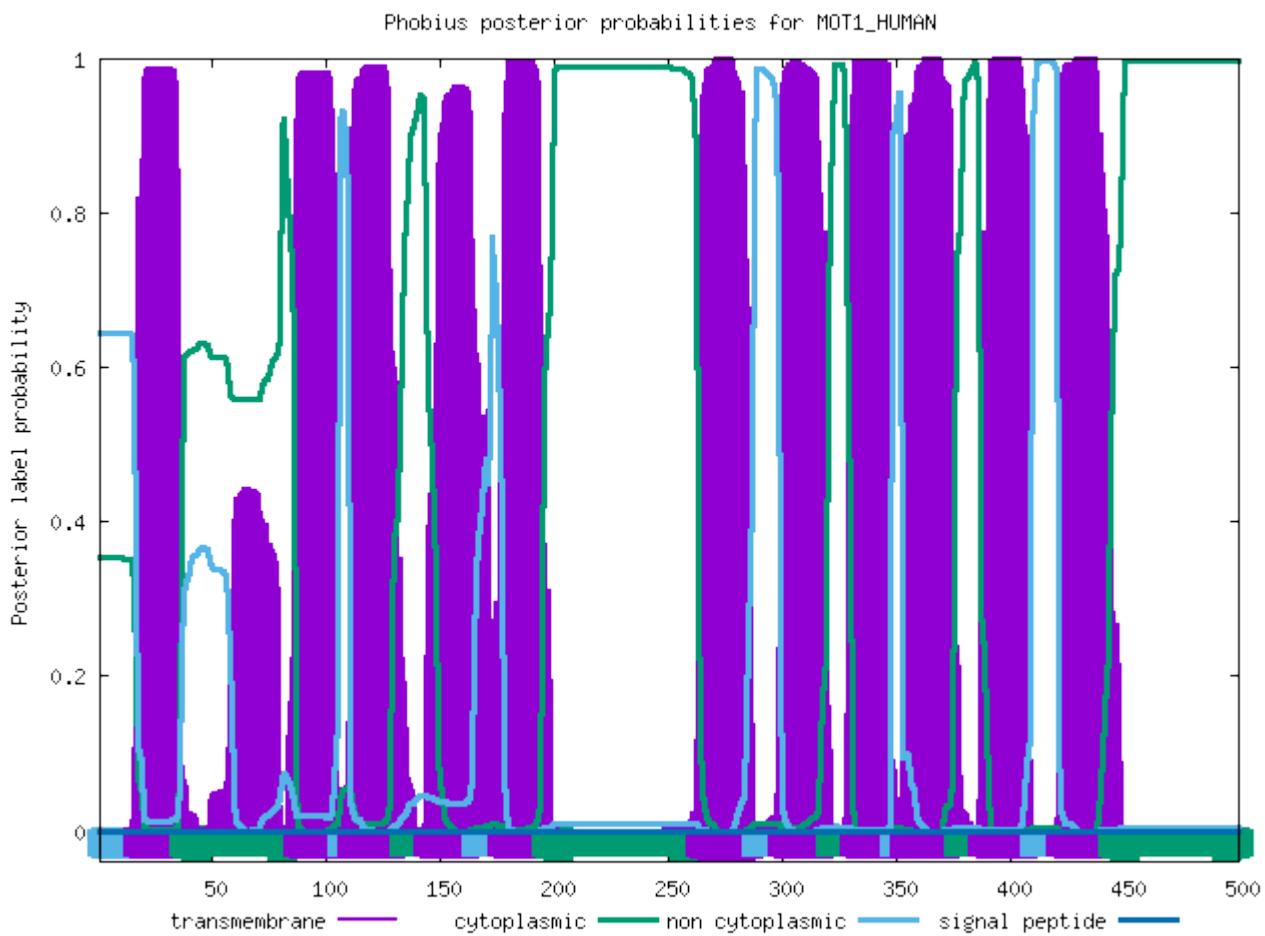
| ID | S15A4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 42 | |
| FT | TOPO_DOM | 43 | 48 | CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 65 | |
| FT | TOPO_DOM | 66 | 76 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 77 | 96 | |
| FT | TOPO_DOM | 97 | 104 | CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 128 | |
| FT | TOPO_DOM | 129 | 147 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 173 | |
| FT | TOPO_DOM | 174 | 193 | CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 216 | |
| FT | TOPO_DOM | 217 | 221 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 222 | 242 | |
| FT | TOPO_DOM | 243 | 316 | CYTOPLASMIC. |
| FT | TRANSMEM | 317 | 338 | |
| FT | TOPO_DOM | 339 | 365 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 366 | 383 | |
| FT | TOPO_DOM | 384 | 403 | CYTOPLASMIC. |
| FT | TRANSMEM | 404 | 422 | |
| FT | TOPO_DOM | 423 | 457 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 458 | 477 | |
| FT | TOPO_DOM | 478 | 488 | CYTOPLASMIC. |
| FT | TRANSMEM | 489 | 512 | |
| FT | TOPO_DOM | 513 | 531 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 532 | 555 | |
| FT | TOPO_DOM | 556 | 577 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MOT1_HUMAN

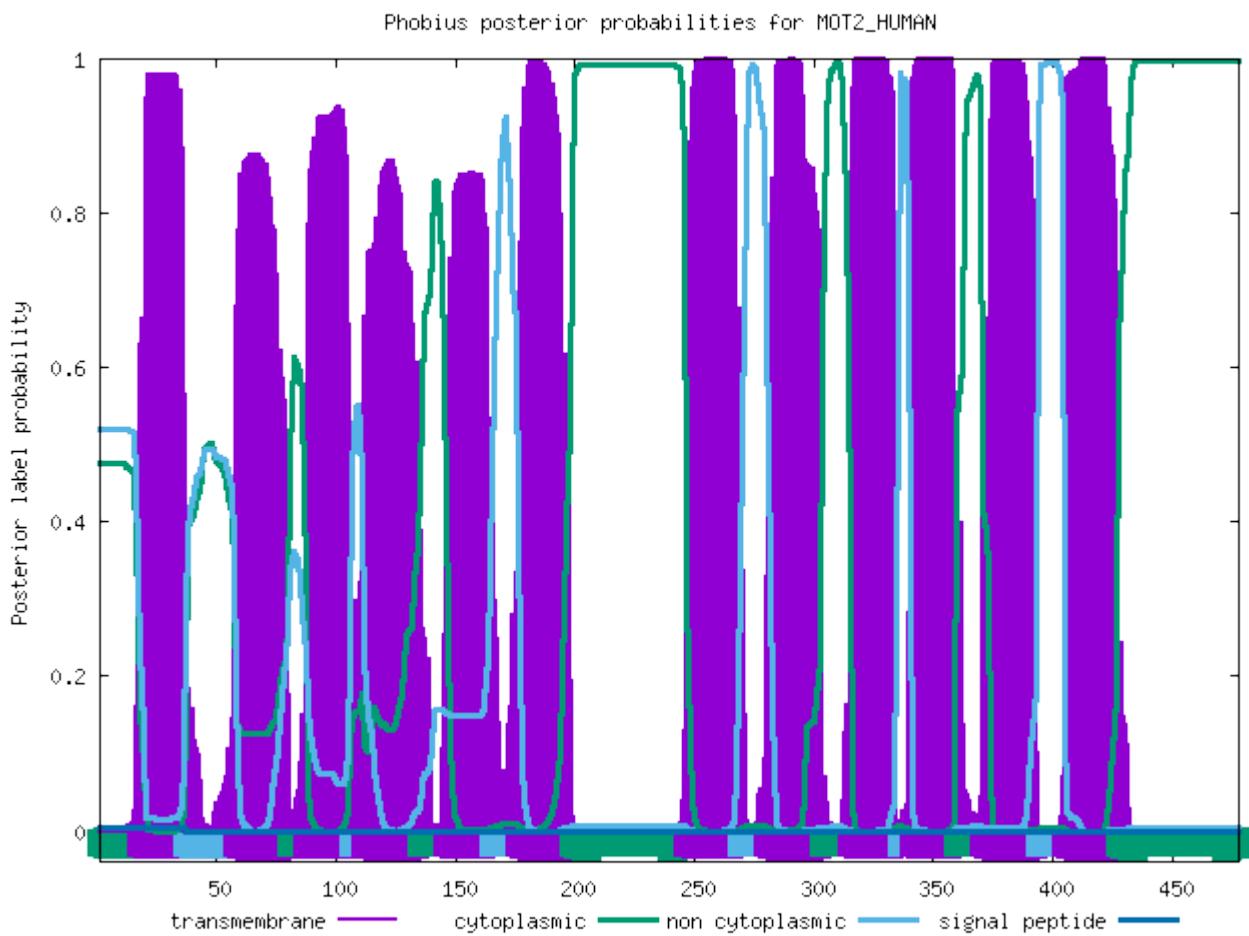
| ID | MOT1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 16 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 17 | 36 | |
| FT | TOPO_DOM | 37 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 105 | |
| FT | TOPO_DOM | 106 | 110 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 111 | 132 | |
| FT | TOPO_DOM | 133 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 164 | |
| FT | TOPO_DOM | 165 | 175 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 176 | 195 | |
| FT | TOPO_DOM | 196 | 262 | CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 287 | |
| FT | TOPO_DOM | 288 | 298 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 299 | 319 | |
| FT | TOPO_DOM | 320 | 330 | CYTOPLASMIC. |
| FT | TRANSMEM | 331 | 347 | |
| FT | TOPO_DOM | 348 | 352 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 353 | 375 | |
| FT | TOPO_DOM | 376 | 386 | CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 409 | |
| FT | TOPO_DOM | 410 | 420 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 421 | 443 | |
| FT | TOPO_DOM | 444 | 500 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MOT2_HUMAN

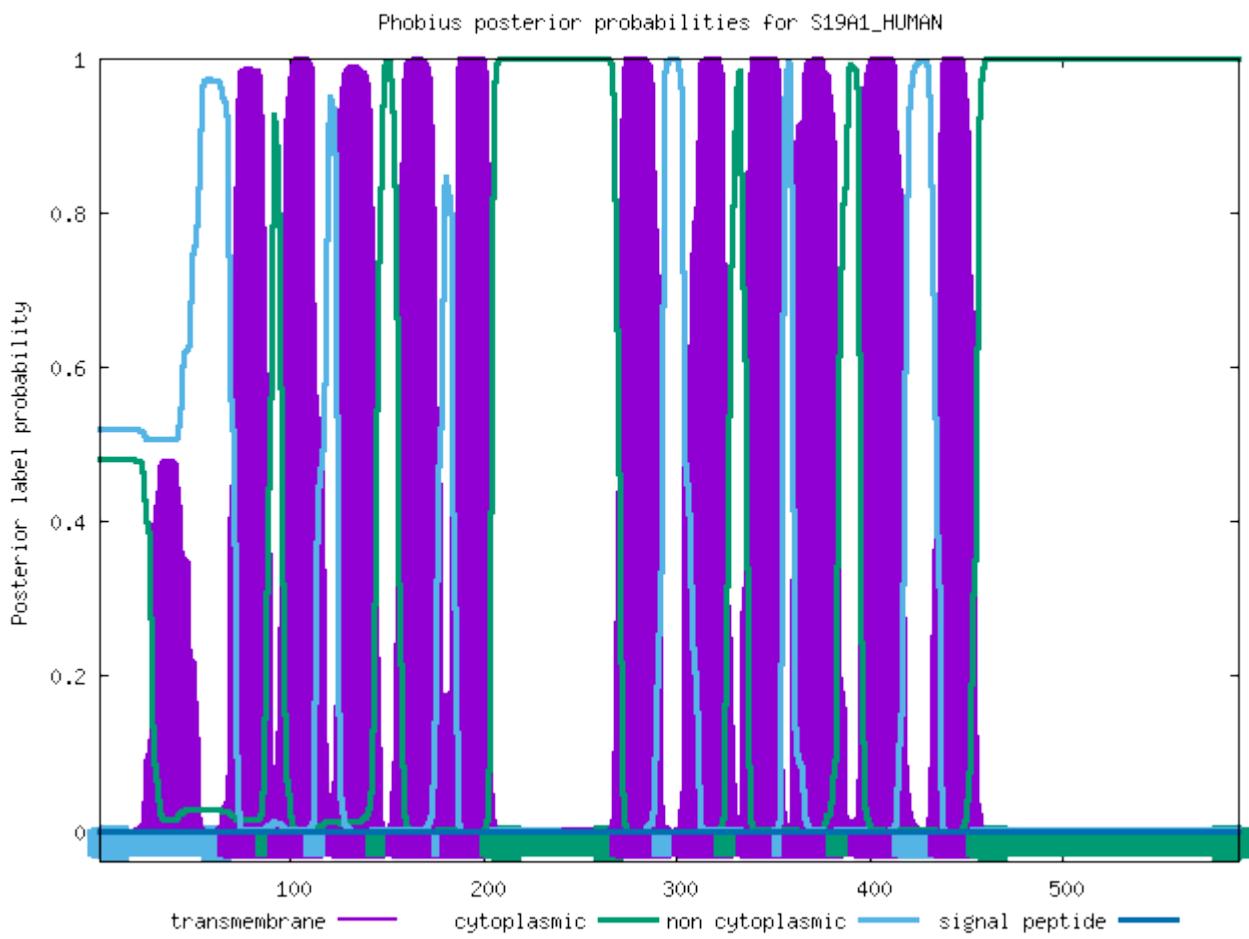
| ID | MOT2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 17 | CYTOPLASMIC. |
| FT | TRANSMEM | 18 | 36 | |
| FT | TOPO_DOM | 37 | 57 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 58 | 80 | |
| FT | TOPO_DOM | 81 | 86 | CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 106 | |
| FT | TOPO_DOM | 107 | 111 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 112 | 134 | |
| FT | TOPO_DOM | 135 | 145 | CYTOPLASMIC. |
| FT | TRANSMEM | 146 | 164 | |
| FT | TOPO_DOM | 165 | 175 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 176 | 198 | |
| FT | TOPO_DOM | 199 | 246 | CYTOPLASMIC. |
| FT | TRANSMEM | 247 | 268 | |
| FT | TOPO_DOM | 269 | 279 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 303 | |
| FT | TOPO_DOM | 304 | 314 | CYTOPLASMIC. |
| FT | TRANSMEM | 315 | 335 | |
| FT | TOPO_DOM | 336 | 340 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 341 | 359 | |
| FT | TOPO_DOM | 360 | 370 | CYTOPLASMIC. |
| FT | TRANSMEM | 371 | 393 | |
| FT | TOPO_DOM | 394 | 404 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 405 | 427 | |
| FT | TOPO_DOM | 428 | 478 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S19A1_HUMAN

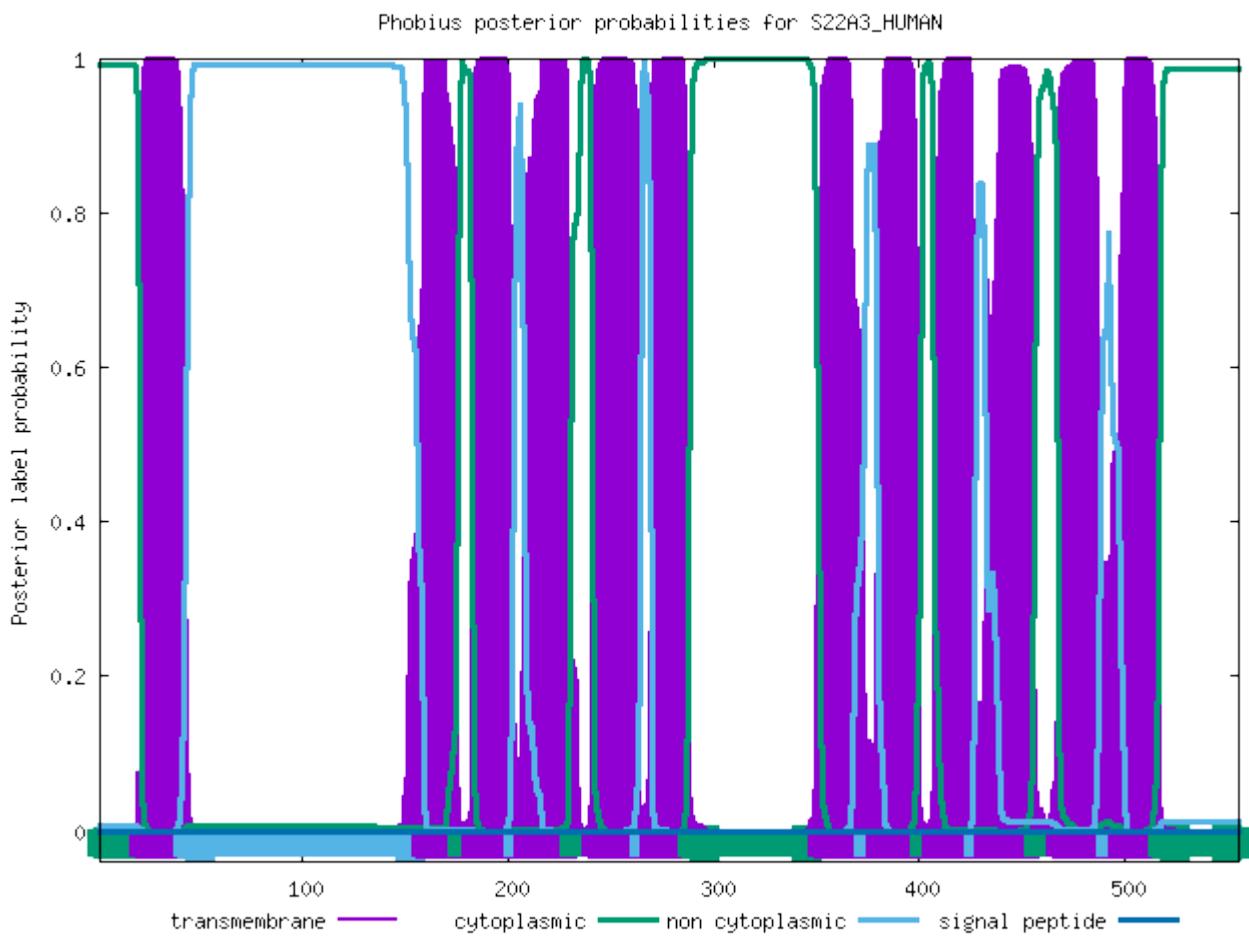
| ID | S19A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 67 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 87 | |
| FT | TOPO_DOM | 88 | 93 | CYTOPLASMIC. |
| FT | TRANSMEM | 94 | 112 | |
| FT | TOPO_DOM | 113 | 123 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 144 | |
| FT | TOPO_DOM | 145 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 178 | |
| FT | TOPO_DOM | 179 | 183 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 184 | 203 | |
| FT | TOPO_DOM | 204 | 271 | CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 292 | |
| FT | TOPO_DOM | 293 | 303 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 325 | |
| FT | TOPO_DOM | 326 | 336 | CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 355 | |
| FT | TOPO_DOM | 356 | 360 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 361 | 383 | |
| FT | TOPO_DOM | 384 | 394 | CYTOPLASMIC. |
| FT | TRANSMEM | 395 | 417 | |
| FT | TOPO_DOM | 418 | 436 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 437 | 455 | |
| FT | TOPO_DOM | 456 | 591 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S22A3_HUMAN

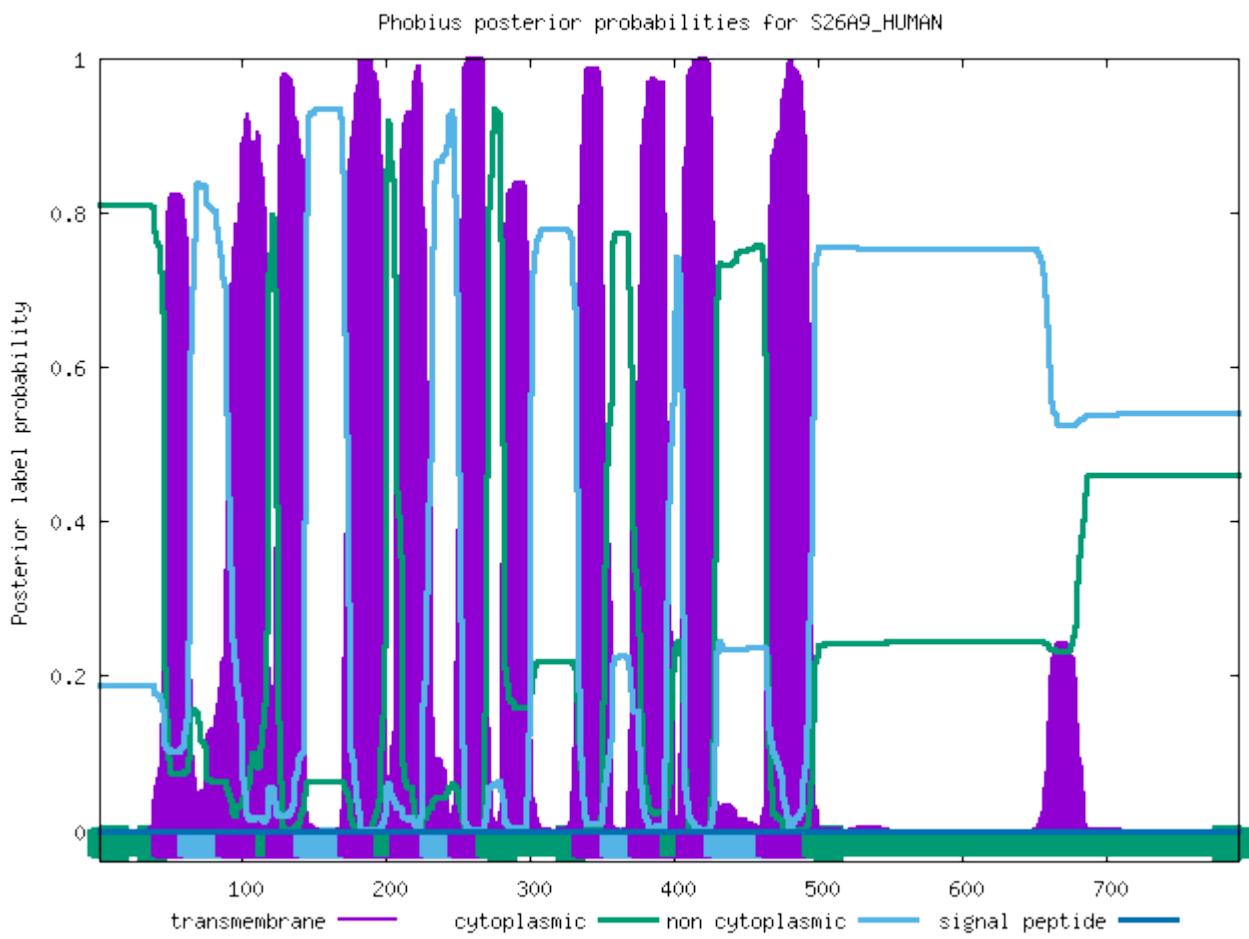
| ID | S22A3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 42 | |
| FT | TOPO_DOM | 43 | 158 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 159 | 176 | |
| FT | TOPO_DOM | 177 | 182 | CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 203 | |
| FT | TOPO_DOM | 204 | 208 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 230 | |
| FT | TOPO_DOM | 231 | 241 | CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 264 | |
| FT | TOPO_DOM | 265 | 269 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 288 | |
| FT | TOPO_DOM | 289 | 351 | CYTOPLASMIC. |
| FT | TRANSMEM | 352 | 374 | |
| FT | TOPO_DOM | 375 | 379 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 401 | |
| FT | TOPO_DOM | 402 | 407 | CYTOPLASMIC. |
| FT | TRANSMEM | 408 | 427 | |
| FT | TOPO_DOM | 428 | 432 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 433 | 456 | |
| FT | TOPO_DOM | 457 | 467 | CYTOPLASMIC. |
| FT | TRANSMEM | 468 | 492 | |
| FT | TOPO_DOM | 493 | 497 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 498 | 517 | |
| FT | TOPO_DOM | 518 | 556 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S26A9_HUMAN

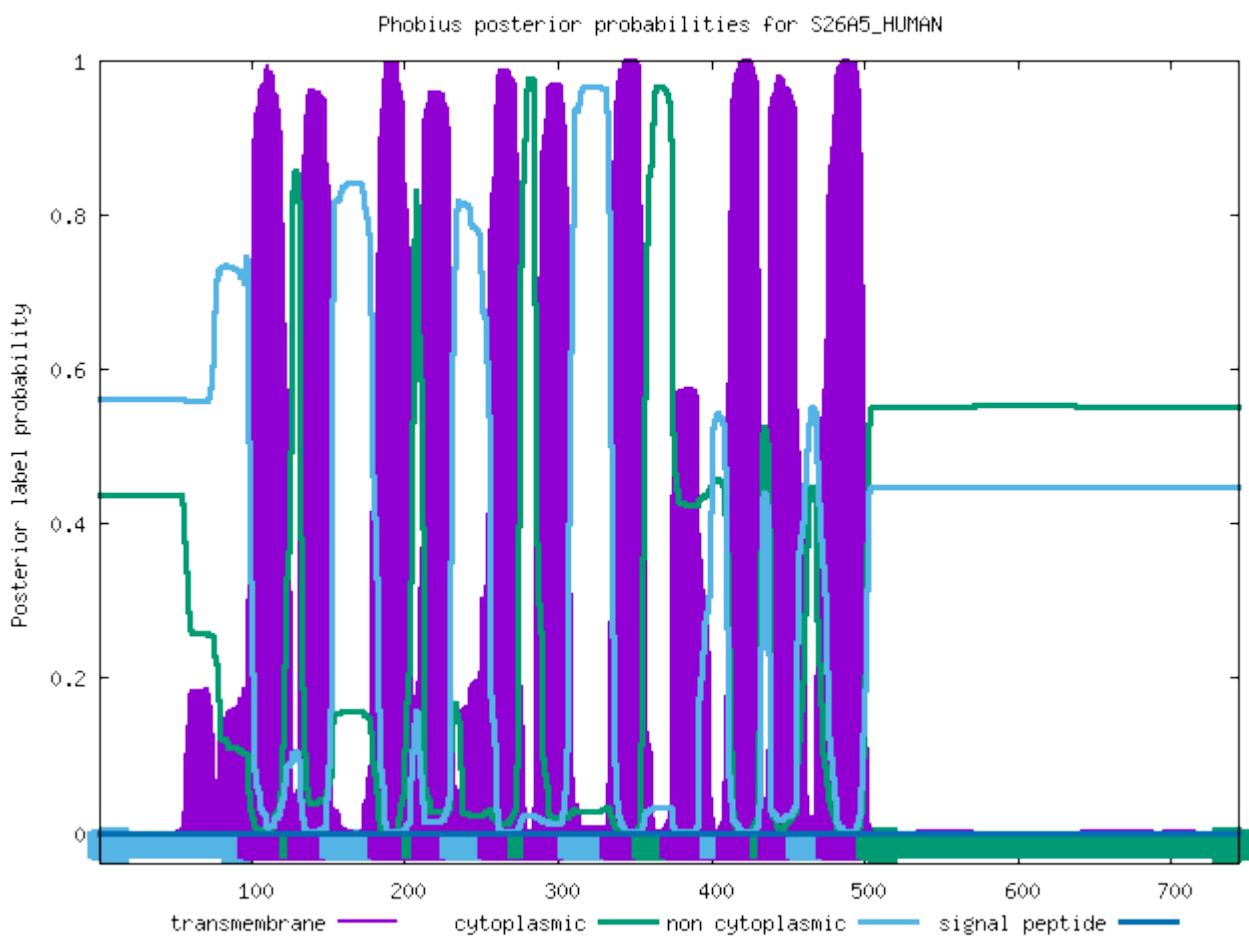
| ID | S26A9_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 45 | CYTOPLASMIC. |
| FT | TRANSMEM | 46 | 63 | |
| FT | TOPO_DOM | 64 | 89 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 90 | 117 | |
| FT | TOPO_DOM | 118 | 123 | CYTOPLASMIC. |
| FT | TRANSMEM | 124 | 143 | |
| FT | TOPO_DOM | 144 | 173 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 199 | |
| FT | TOPO_DOM | 200 | 210 | CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 231 | |
| FT | TOPO_DOM | 232 | 250 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 251 | 269 | |
| FT | TOPO_DOM | 270 | 336 | CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 356 | |
| FT | TOPO_DOM | 357 | 375 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 376 | 397 | |
| FT | TOPO_DOM | 398 | 408 | CYTOPLASMIC. |
| FT | TRANSMEM | 409 | 427 | |
| FT | TOPO_DOM | 428 | 464 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 465 | 495 | |
| FT | TOPO_DOM | 496 | 791 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S26A5_HUMAN

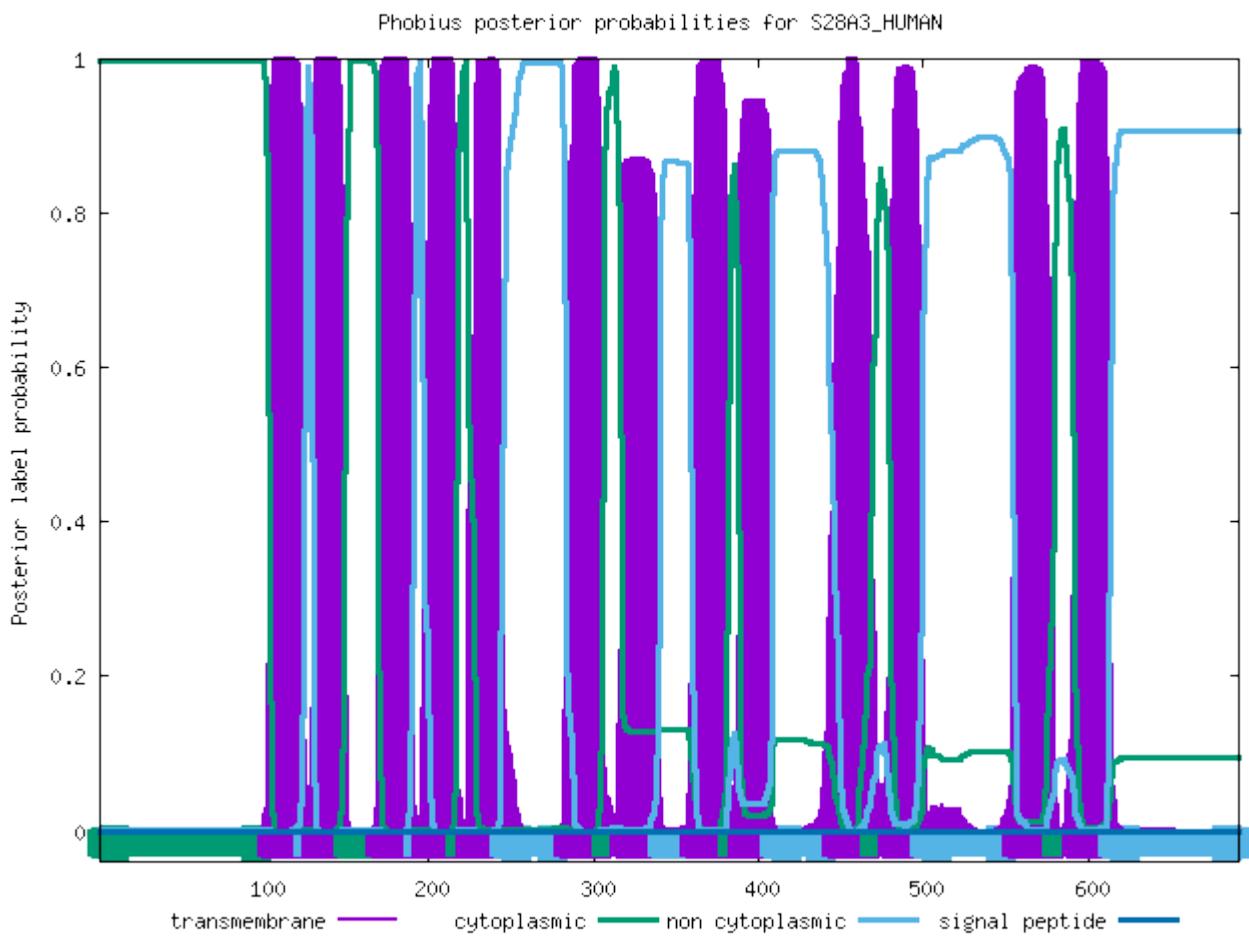
| ID | S26A5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 98 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 125 | |
| FT | TOPO_DOM | 126 | 131 | CYTOPLASMIC. |
| FT | TRANSMEM | 132 | 152 | |
| FT | TOPO_DOM | 153 | 183 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 184 | 205 | |
| FT | TOPO_DOM | 206 | 211 | CYTOPLASMIC. |
| FT | TRANSMEM | 212 | 230 | |
| FT | TOPO_DOM | 231 | 255 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 256 | 274 | |
| FT | TOPO_DOM | 275 | 285 | CYTOPLASMIC. |
| FT | TRANSMEM | 286 | 307 | |
| FT | TOPO_DOM | 308 | 334 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 335 | 355 | |
| FT | TOPO_DOM | 356 | 374 | CYTOPLASMIC. |
| FT | TRANSMEM | 375 | 399 | |
| FT | TOPO_DOM | 400 | 410 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 432 | |
| FT | TOPO_DOM | 433 | 438 | CYTOPLASMIC. |
| FT | TRANSMEM | 439 | 456 | |
| FT | TOPO_DOM | 457 | 475 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 476 | 501 | |
| FT | TOPO_DOM | 502 | 744 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S28A3_HUMAN

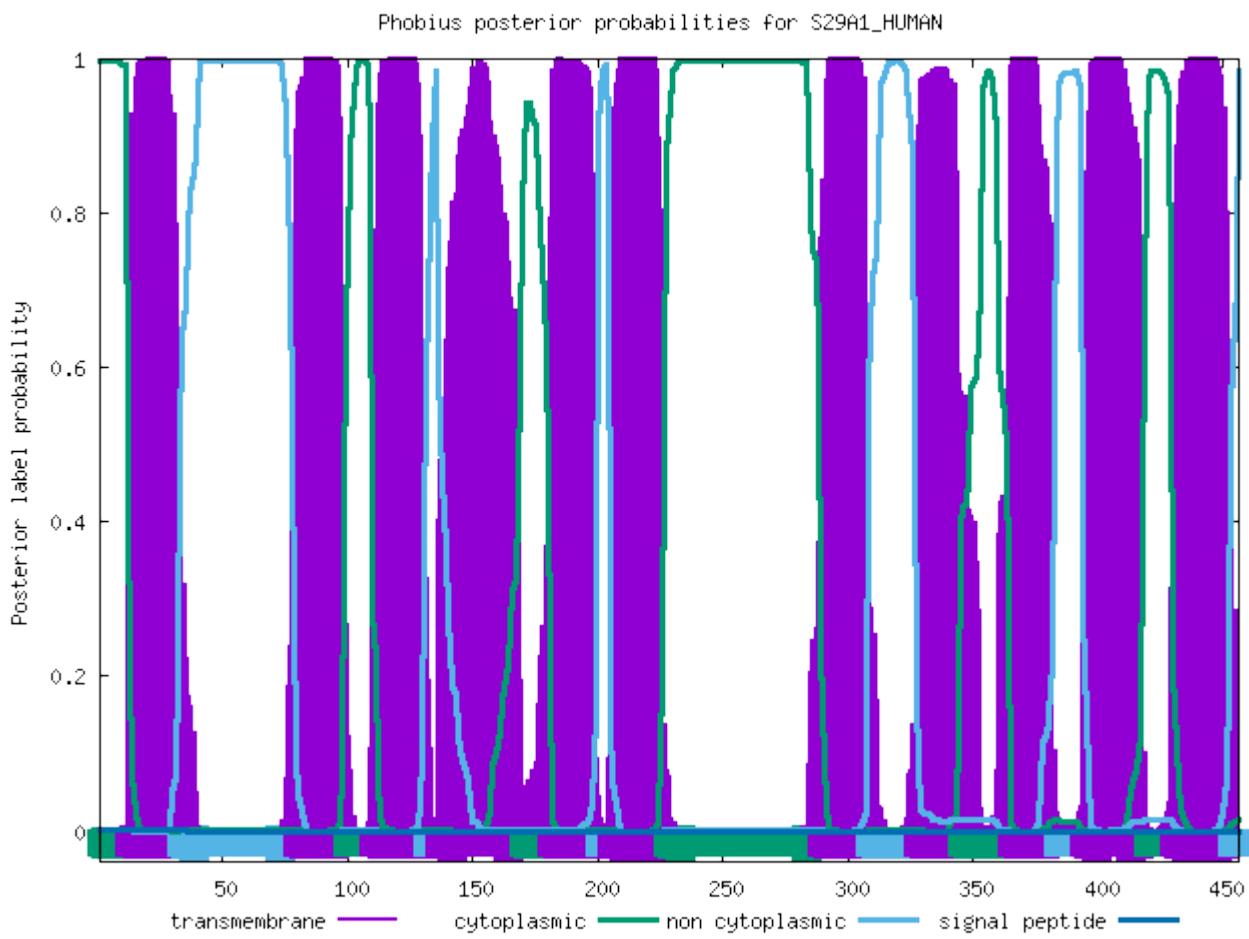
| ID | S28A3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 103 | CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 125 | |
| FT | TOPO_DOM | 126 | 130 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 131 | 149 | |
| FT | TOPO_DOM | 150 | 169 | CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 191 | |
| FT | TOPO_DOM | 192 | 196 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 217 | |
| FT | TOPO_DOM | 218 | 223 | CYTOPLASMIC. |
| FT | TRANSMEM | 224 | 244 | |
| FT | TOPO_DOM | 245 | 282 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 283 | 305 | |
| FT | TOPO_DOM | 306 | 316 | CYTOPLASMIC. |
| FT | TRANSMEM | 317 | 340 | |
| FT | TOPO_DOM | 341 | 359 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 360 | 382 | |
| FT | TOPO_DOM | 383 | 388 | CYTOPLASMIC. |
| FT | TRANSMEM | 389 | 408 | |
| FT | TOPO_DOM | 409 | 445 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 446 | 468 | |
| FT | TOPO_DOM | 469 | 479 | CYTOPLASMIC. |
| FT | TRANSMEM | 480 | 499 | |
| FT | TOPO_DOM | 500 | 554 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 555 | 579 | |
| FT | TOPO_DOM | 580 | 590 | CYTOPLASMIC. |
| FT | TRANSMEM | 591 | 612 | |
| FT | TOPO_DOM | 613 | 691 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S29A1_HUMAN

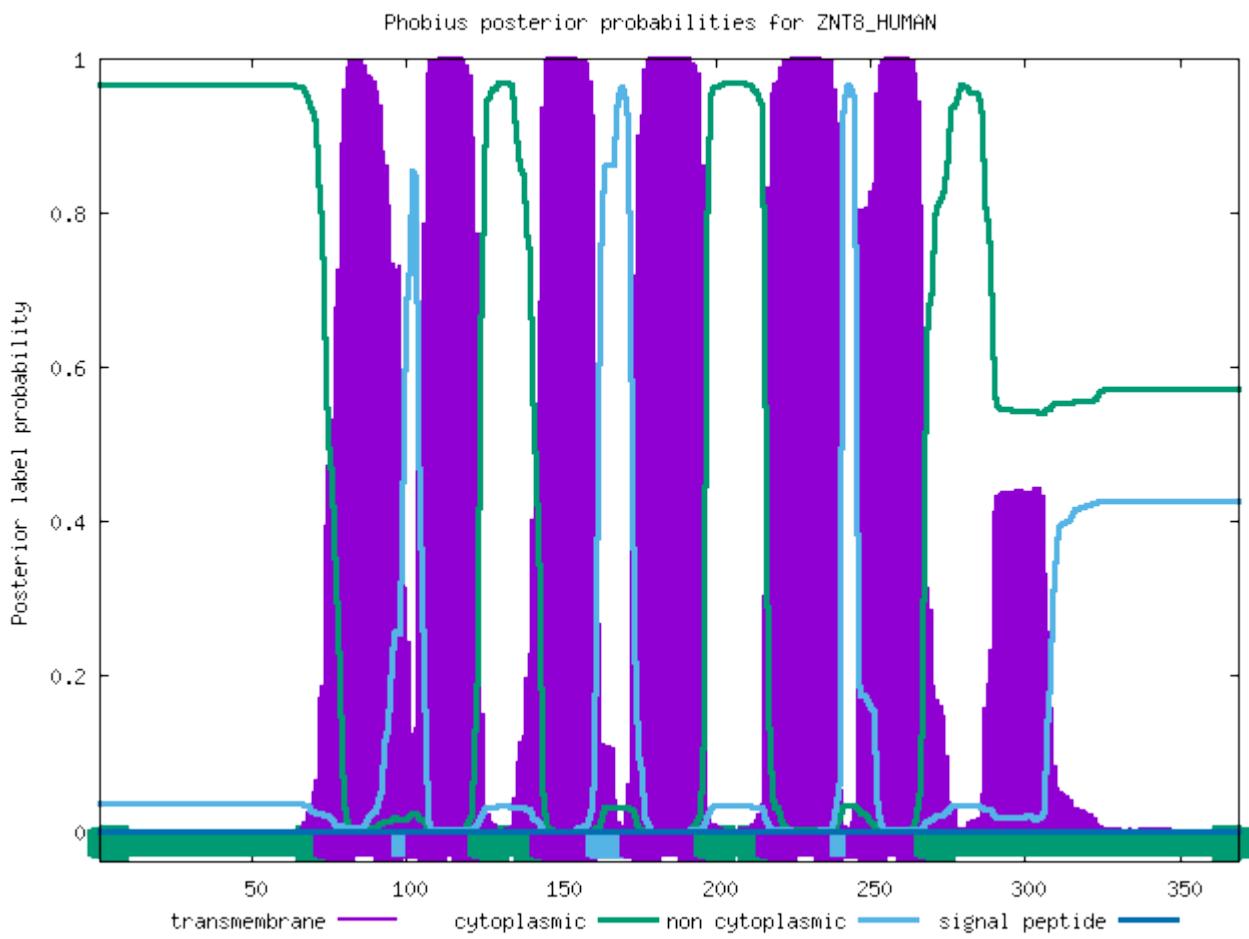
| ID | S29A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 32 | |
| FT | TOPO_DOM | 33 | 78 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 79 | 98 | |
| FT | TOPO_DOM | 99 | 109 | CYTOPLASMIC. |
| FT | TRANSMEM | 110 | 130 | |
| FT | TOPO_DOM | 131 | 135 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 136 | 169 | |
| FT | TOPO_DOM | 170 | 180 | CYTOPLASMIC. |
| FT | TRANSMEM | 181 | 199 | |
| FT | TOPO_DOM | 200 | 204 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 205 | 226 | |
| FT | TOPO_DOM | 227 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 307 | |
| FT | TOPO_DOM | 308 | 326 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 344 | |
| FT | TOPO_DOM | 345 | 364 | CYTOPLASMIC. |
| FT | TRANSMEM | 365 | 382 | |
| FT | TOPO_DOM | 383 | 393 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 394 | 418 | |
| FT | TOPO_DOM | 419 | 429 | CYTOPLASMIC. |
| FT | TRANSMEM | 430 | 452 | |
| FT | TOPO_DOM | 453 | 456 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ZNT8_HUMAN

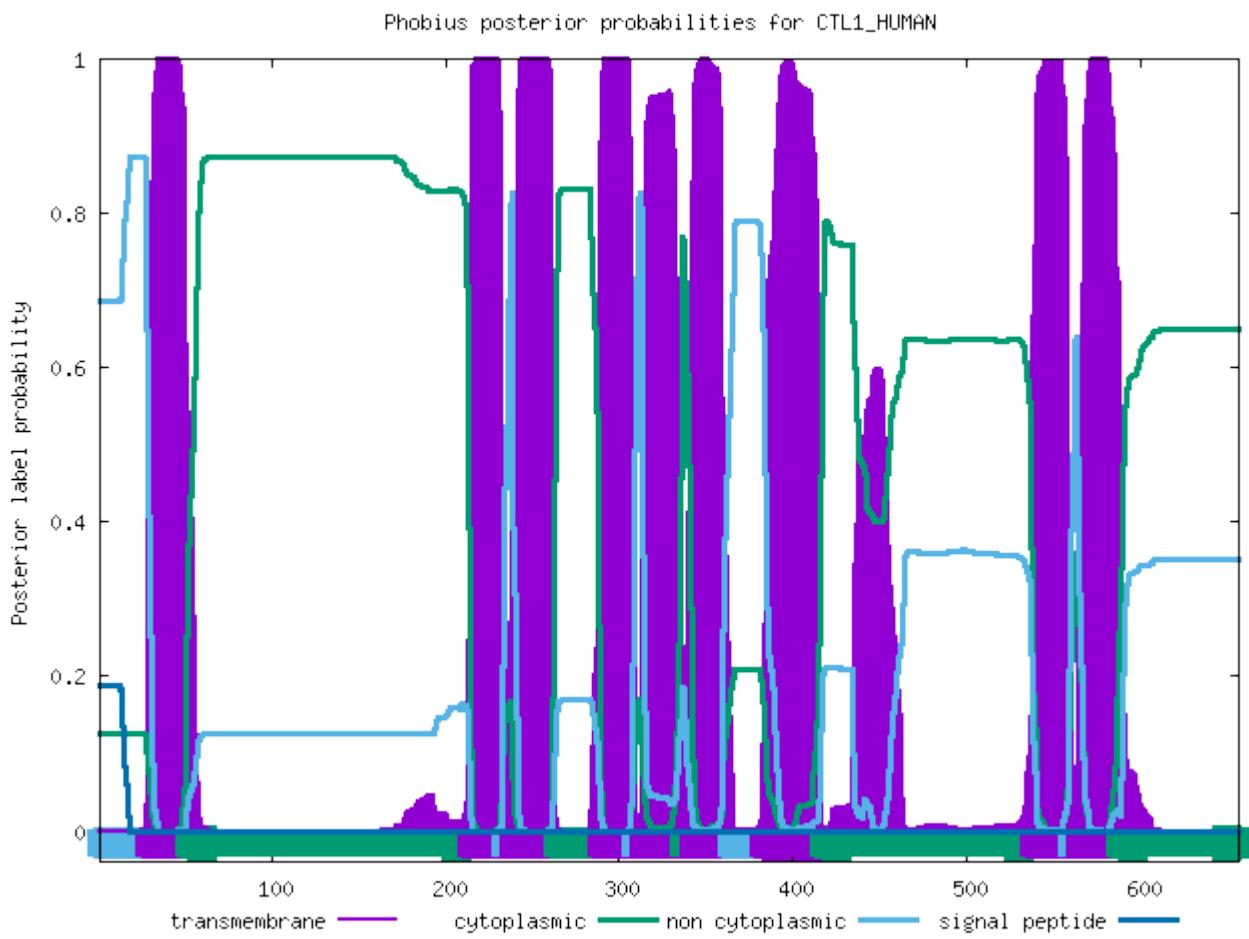
| ID | ZNT8_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 73 | CYTOPLASMIC. |
| FT | TRANSMEM | 74 | 98 | |
| FT | TOPO_DOM | 99 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 123 | |
| FT | TOPO_DOM | 124 | 143 | CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 161 | |
| FT | TOPO_DOM | 162 | 172 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 173 | 196 | |
| FT | TOPO_DOM | 197 | 216 | CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 240 | |
| FT | TOPO_DOM | 241 | 245 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 246 | 267 | |
| FT | TOPO_DOM | 268 | 369 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CTL1_HUMAN

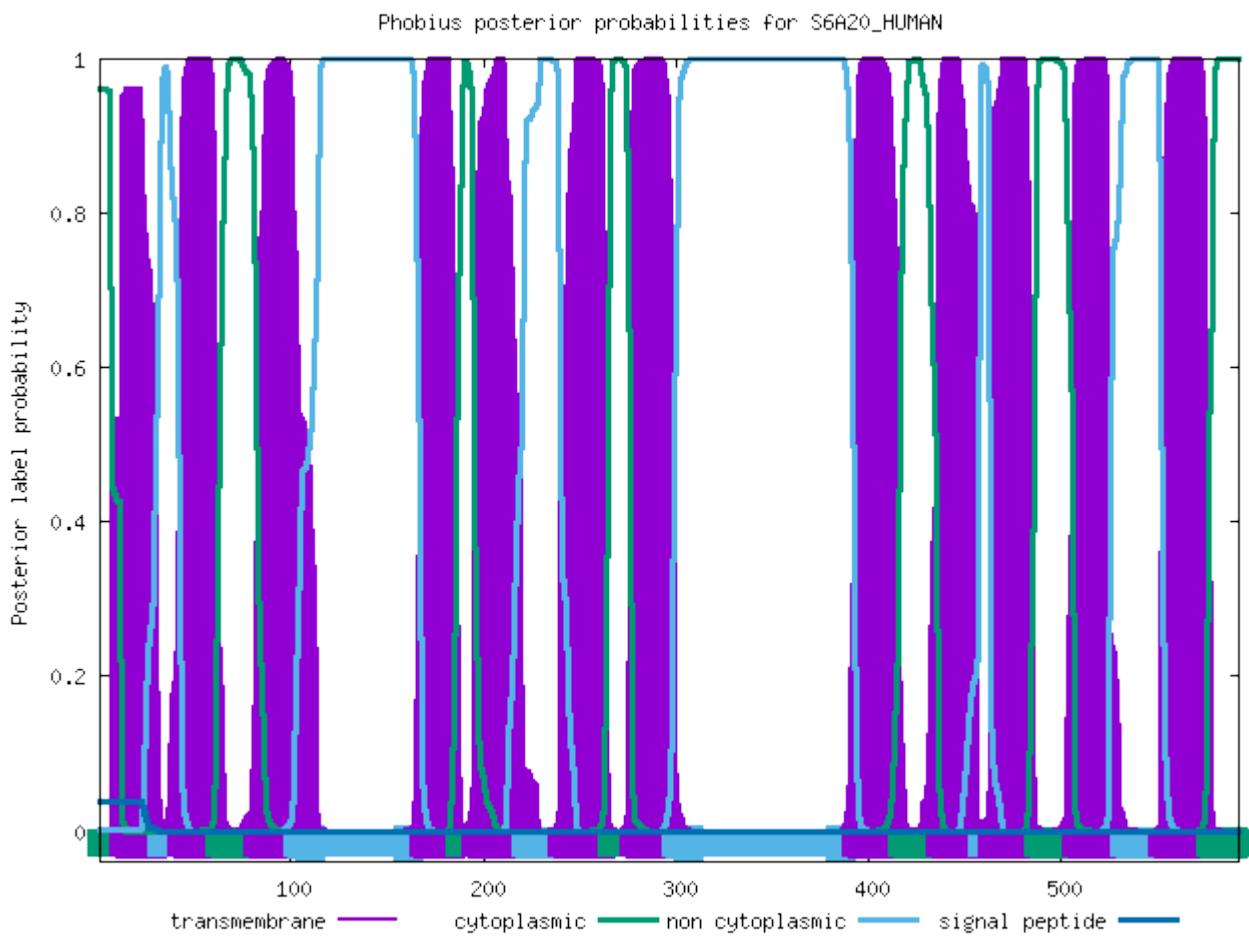
| ID | CTL1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 51 | |
| FT | TOPO_DOM | 52 | 213 | CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 233 | |
| FT | TOPO_DOM | 234 | 238 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 263 | |
| FT | TOPO_DOM | 264 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 308 | |
| FT | TOPO_DOM | 309 | 313 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 314 | 335 | |
| FT | TOPO_DOM | 336 | 341 | CYTOPLASMIC. |
| FT | TRANSMEM | 342 | 363 | |
| FT | TOPO_DOM | 364 | 382 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 416 | |
| FT | TOPO_DOM | 417 | 537 | CYTOPLASMIC. |
| FT | TRANSMEM | 538 | 559 | |
| FT | TOPO_DOM | 560 | 564 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 565 | 587 | |
| FT | TOPO_DOM | 588 | 657 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S6A20_HUMAN

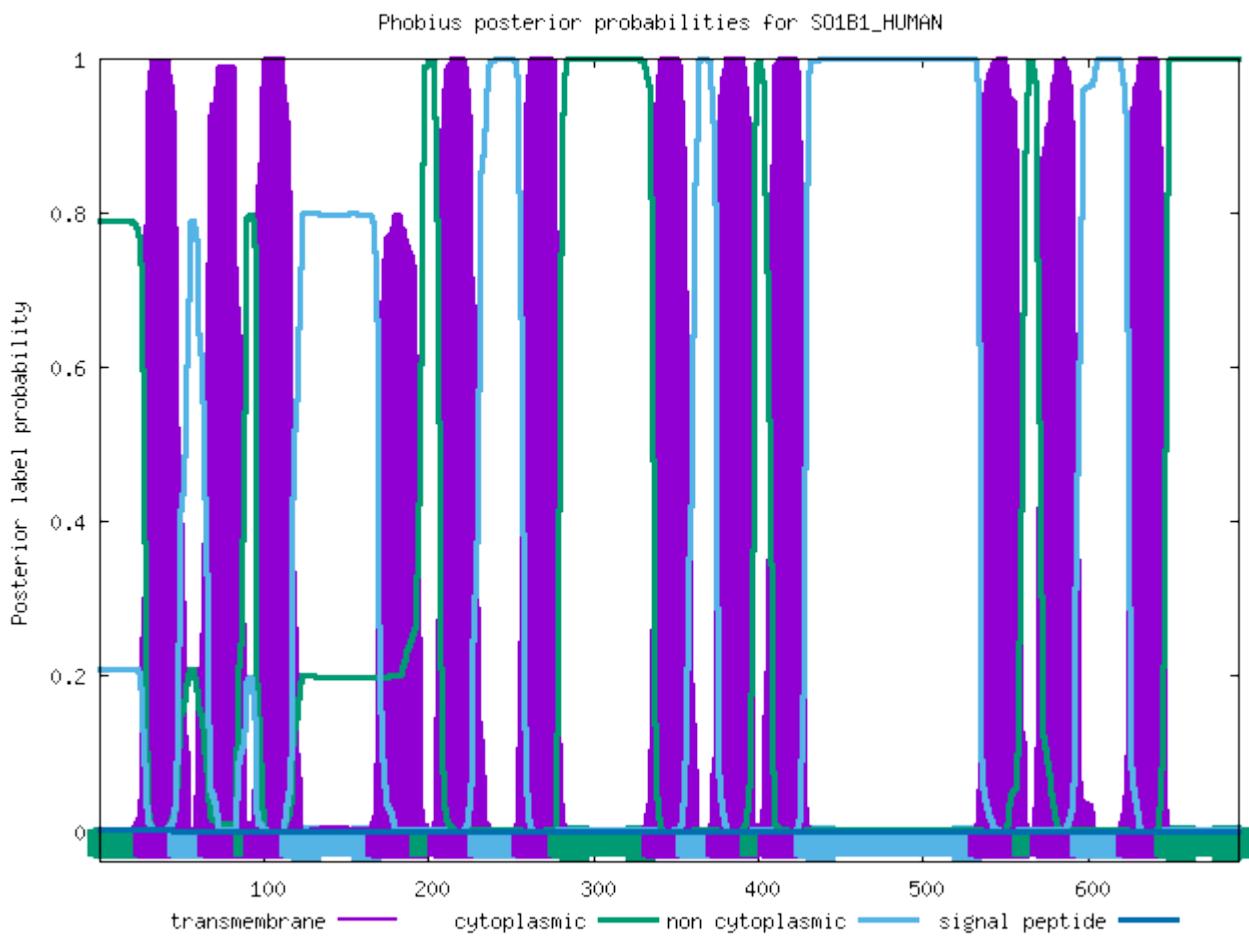
| ID | S6A20_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 31 | |
| FT | TOPO_DOM | 32 | 42 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 43 | 61 | |
| FT | TOPO_DOM | 62 | 81 | CYTOPLASMIC. |
| FT | TRANSMEM | 82 | 102 | |
| FT | TOPO_DOM | 103 | 167 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 168 | 186 | |
| FT | TOPO_DOM | 187 | 194 | CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 220 | |
| FT | TOPO_DOM | 221 | 239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 240 | 265 | |
| FT | TOPO_DOM | 266 | 276 | CYTOPLASMIC. |
| FT | TRANSMEM | 277 | 298 | |
| FT | TOPO_DOM | 299 | 392 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 393 | 415 | |
| FT | TOPO_DOM | 416 | 435 | CYTOPLASMIC. |
| FT | TRANSMEM | 436 | 457 | |
| FT | TOPO_DOM | 458 | 462 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 463 | 486 | |
| FT | TOPO_DOM | 487 | 506 | CYTOPLASMIC. |
| FT | TRANSMEM | 507 | 531 | |
| FT | TOPO_DOM | 532 | 550 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 551 | 575 | |
| FT | TOPO_DOM | 576 | 592 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SO1B1_HUMAN

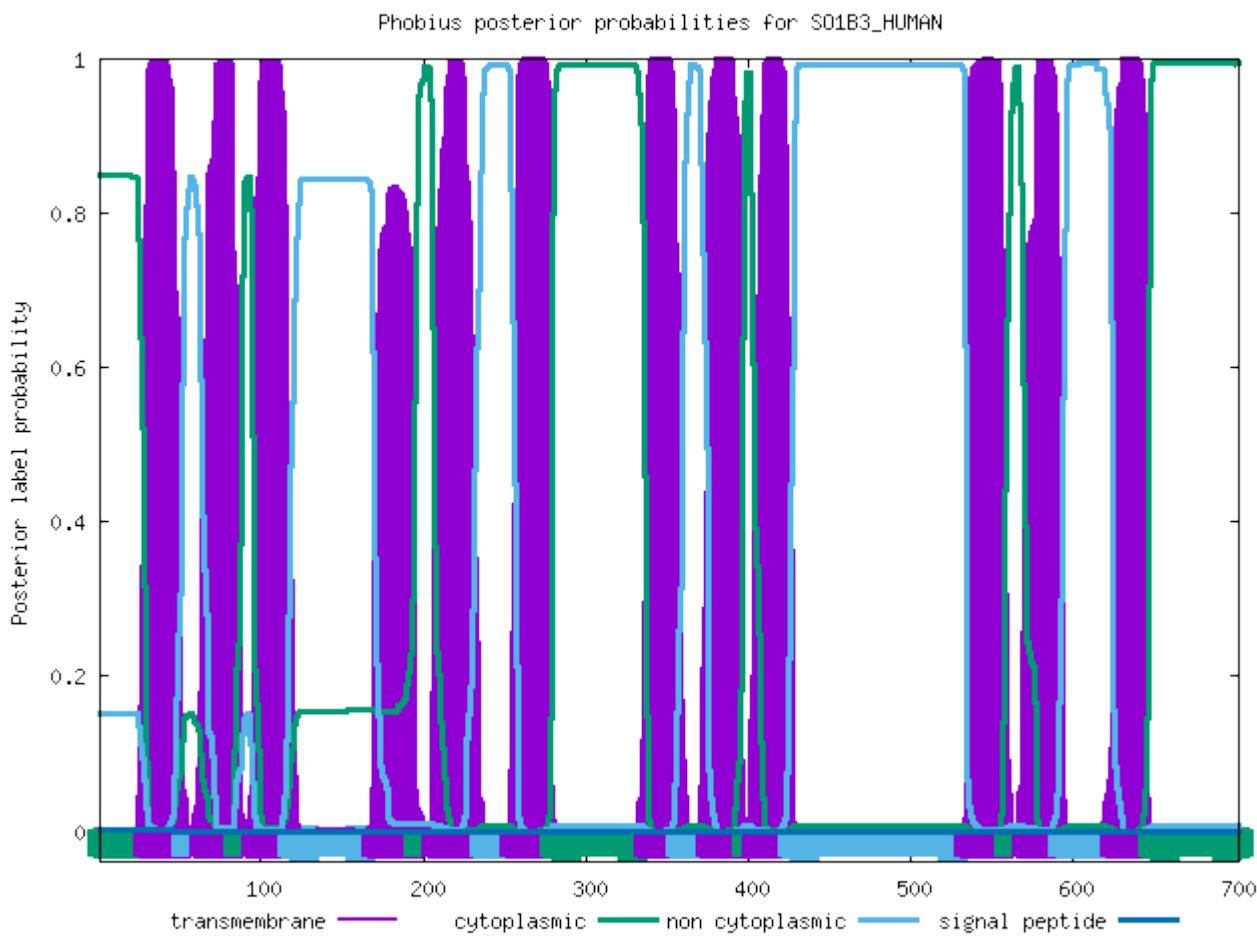
| ID | SO1B1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 48 | |
| FT | TOPO_DOM | 49 | 67 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 68 | 89 | |
| FT | TOPO_DOM | 90 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 117 | |
| FT | TOPO_DOM | 118 | 169 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 195 | |
| FT | TOPO_DOM | 196 | 206 | CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 230 | |
| FT | TOPO_DOM | 231 | 257 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 279 | |
| FT | TOPO_DOM | 280 | 336 | CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 356 | |
| FT | TOPO_DOM | 357 | 375 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 376 | 395 | |
| FT | TOPO_DOM | 396 | 406 | CYTOPLASMIC. |
| FT | TRANSMEM | 407 | 428 | |
| FT | TOPO_DOM | 429 | 533 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 534 | 560 | |
| FT | TOPO_DOM | 561 | 571 | CYTOPLASMIC. |
| FT | TRANSMEM | 572 | 595 | |
| FT | TOPO_DOM | 596 | 623 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 624 | 646 | |
| FT | TOPO_DOM | 647 | 691 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SO1B3_HUMAN

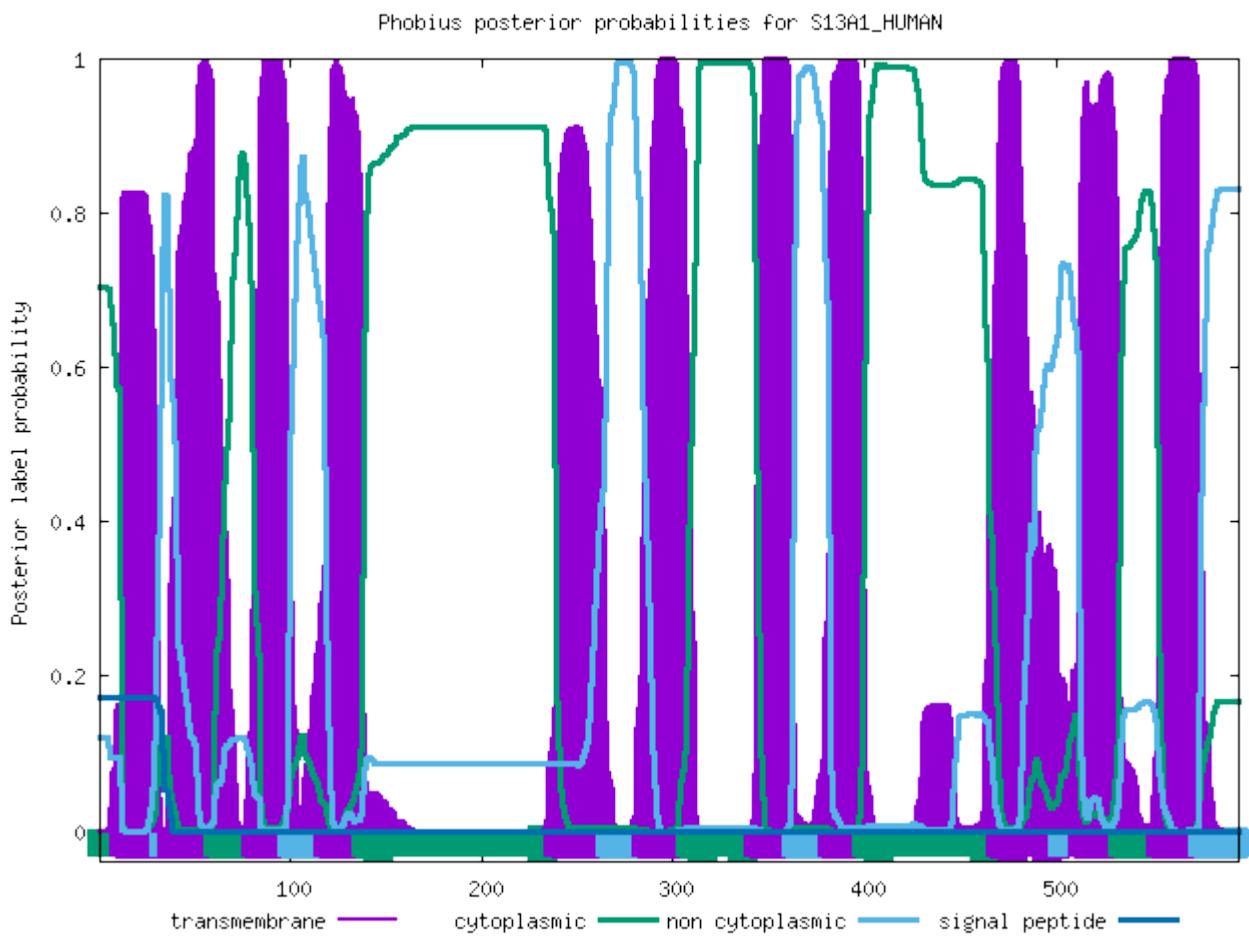
| ID | SO1B3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 52 | |
| FT | TOPO_DOM | 53 | 63 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 84 | |
| FT | TOPO_DOM | 85 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 117 | |
| FT | TOPO_DOM | 118 | 169 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 170 | 195 | |
| FT | TOPO_DOM | 196 | 206 | CYTOPLASMIC. |
| FT | TRANSMEM | 207 | 235 | |
| FT | TOPO_DOM | 236 | 254 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 255 | 279 | |
| FT | TOPO_DOM | 280 | 336 | CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 356 | |
| FT | TOPO_DOM | 357 | 375 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 376 | 397 | |
| FT | TOPO_DOM | 398 | 403 | CYTOPLASMIC. |
| FT | TRANSMEM | 404 | 425 | |
| FT | TOPO_DOM | 426 | 533 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 534 | 558 | |
| FT | TOPO_DOM | 559 | 569 | CYTOPLASMIC. |
| FT | TRANSMEM | 570 | 591 | |
| FT | TOPO_DOM | 592 | 623 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 624 | 647 | |
| FT | TOPO_DOM | 648 | 702 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S13A1_HUMAN

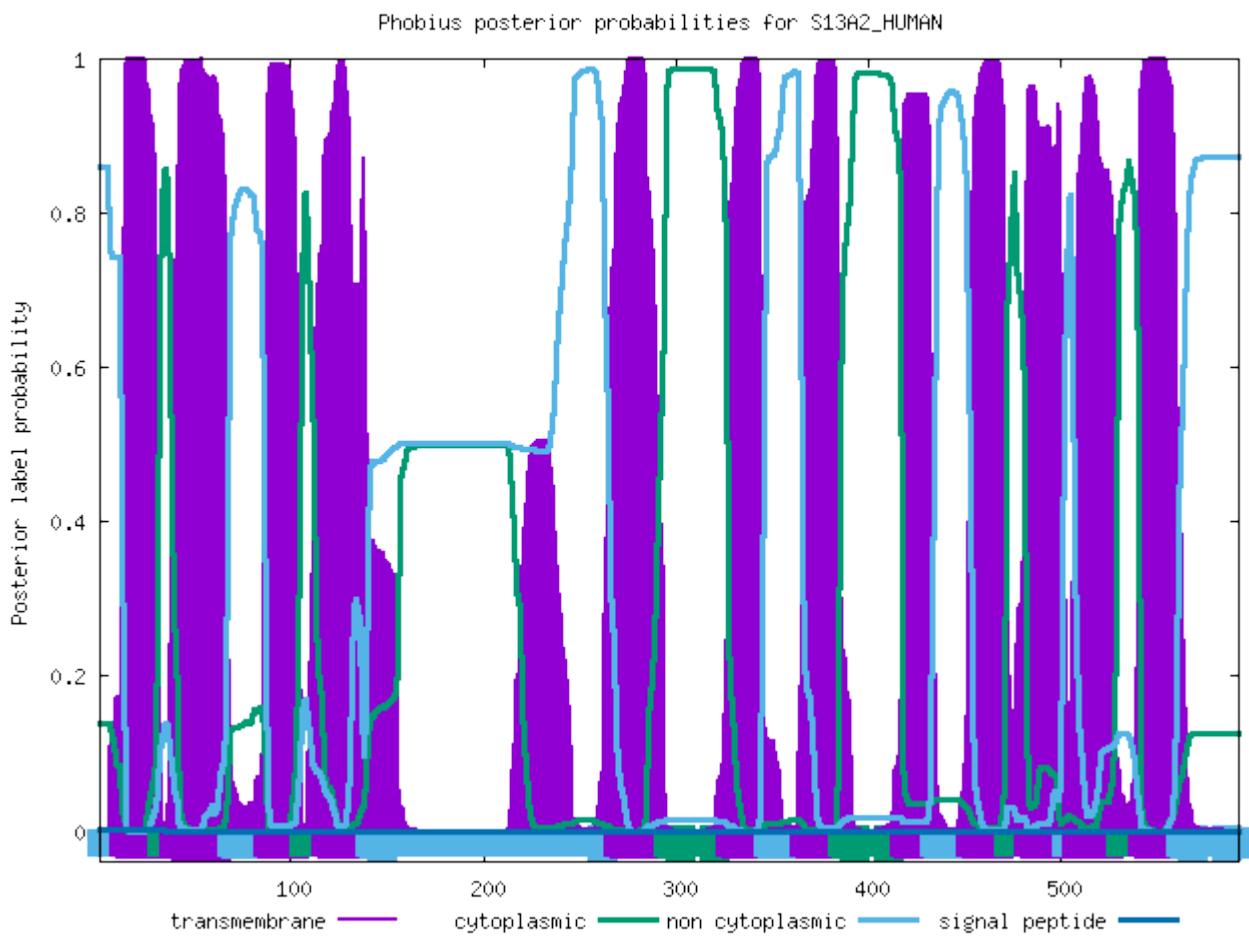
| ID | S13A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 32 | |
| FT | TOPO_DOM | 33 | 37 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 61 | |
| FT | TOPO_DOM | 62 | 80 | CYTOPLASMIC. |
| FT | TRANSMEM | 81 | 99 | |
| FT | TOPO_DOM | 100 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 138 | |
| FT | TOPO_DOM | 139 | 238 | CYTOPLASMIC. |
| FT | TRANSMEM | 239 | 265 | |
| FT | TOPO_DOM | 266 | 284 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 307 | |
| FT | TOPO_DOM | 308 | 342 | CYTOPLASMIC. |
| FT | TRANSMEM | 343 | 362 | |
| FT | TOPO_DOM | 363 | 381 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 382 | 399 | |
| FT | TOPO_DOM | 400 | 469 | CYTOPLASMIC. |
| FT | TRANSMEM | 470 | 501 | |
| FT | TOPO_DOM | 502 | 512 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 513 | 532 | |
| FT | TOPO_DOM | 533 | 552 | CYTOPLASMIC. |
| FT | TRANSMEM | 553 | 574 | |
| FT | TOPO_DOM | 575 | 595 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S13A2_HUMAN

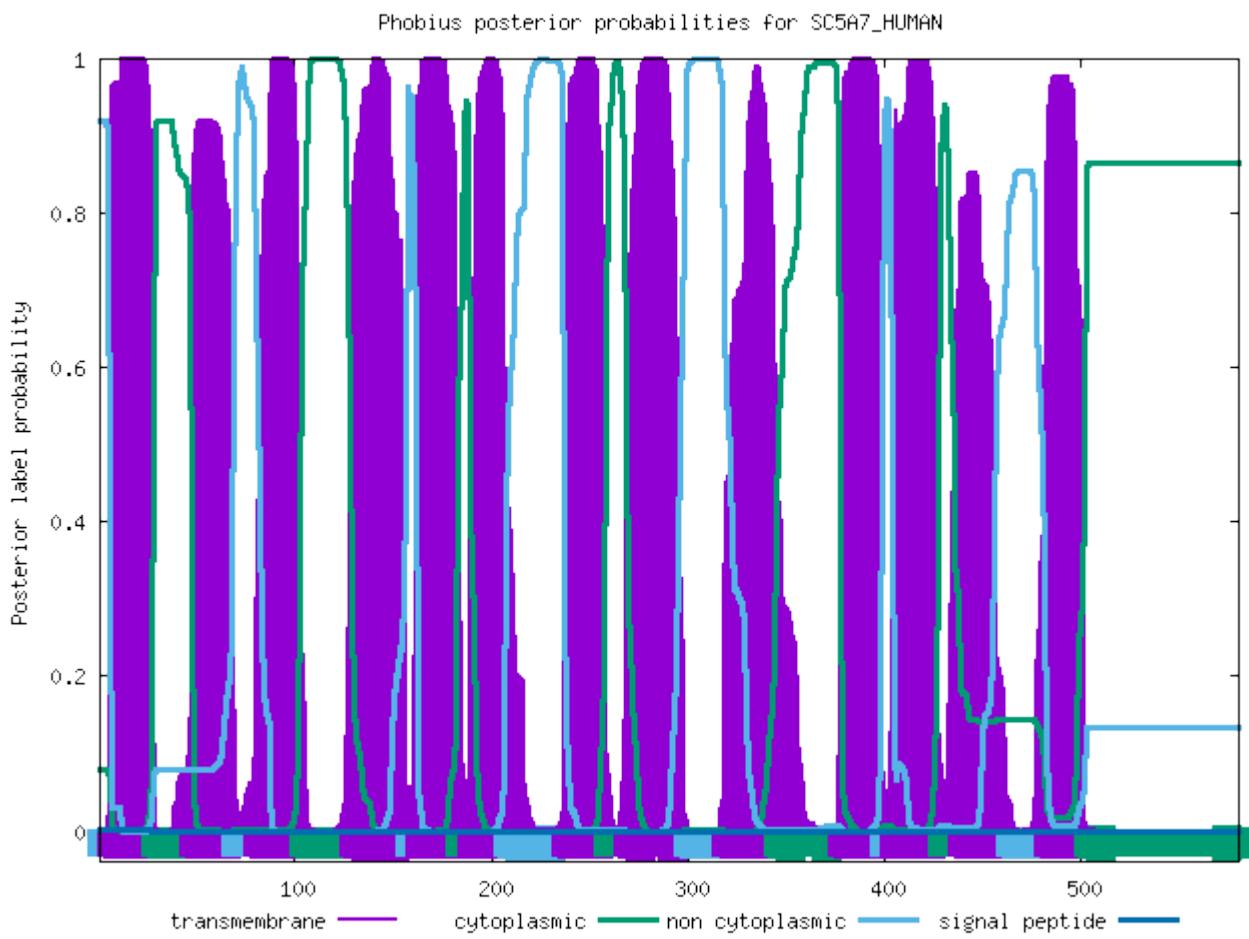
| ID | S13A2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 31 | |
| FT | TOPO_DOM | 32 | 37 | CYTOPLASMIC. |
| FT | TRANSMEM | 38 | 67 | |
| FT | TOPO_DOM | 68 | 86 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 87 | 105 | |
| FT | TOPO_DOM | 106 | 116 | CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 139 | |
| FT | TOPO_DOM | 140 | 268 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 294 | |
| FT | TOPO_DOM | 295 | 326 | CYTOPLASMIC. |
| FT | TRANSMEM | 327 | 346 | |
| FT | TOPO_DOM | 347 | 365 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 366 | 384 | |
| FT | TOPO_DOM | 385 | 416 | CYTOPLASMIC. |
| FT | TRANSMEM | 417 | 432 | |
| FT | TOPO_DOM | 433 | 451 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 452 | 470 | |
| FT | TOPO_DOM | 471 | 481 | CYTOPLASMIC. |
| FT | TRANSMEM | 482 | 501 | |
| FT | TOPO_DOM | 502 | 506 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 507 | 529 | |
| FT | TOPO_DOM | 530 | 540 | CYTOPLASMIC. |
| FT | TRANSMEM | 541 | 560 | |
| FT | TOPO_DOM | 561 | 592 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC5A7_HUMAN

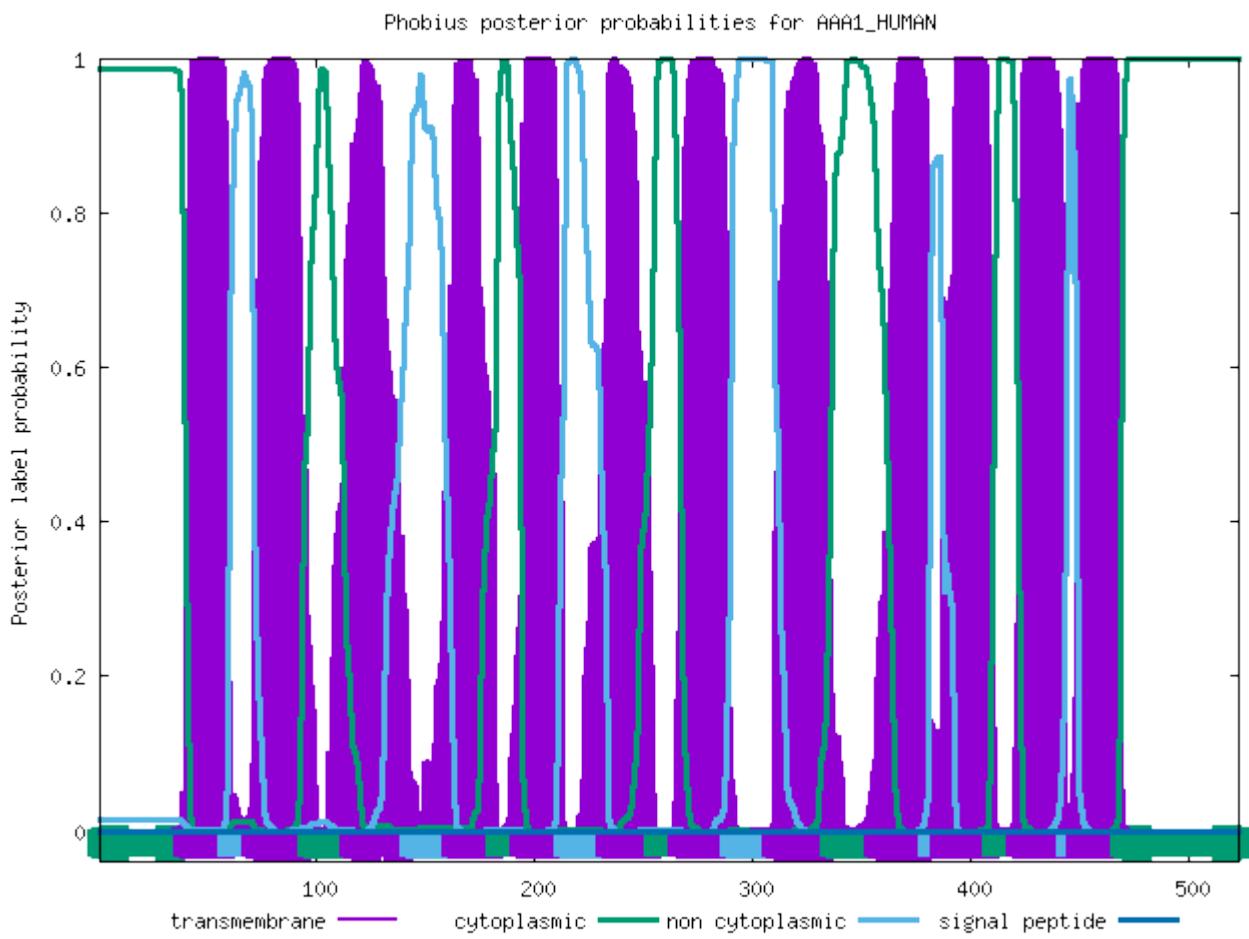
| ID | SC5A7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 27 | |
| FT | TOPO_DOM | 28 | 47 | CYTOPLASMIC. |
| FT | TRANSMEM | 48 | 68 | |
| FT | TOPO_DOM | 69 | 79 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 80 | 103 | |
| FT | TOPO_DOM | 104 | 128 | CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 157 | |
| FT | TOPO_DOM | 158 | 162 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 182 | |
| FT | TOPO_DOM | 183 | 188 | CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 207 | |
| FT | TOPO_DOM | 208 | 236 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 237 | 257 | |
| FT | TOPO_DOM | 258 | 268 | CYTOPLASMIC. |
| FT | TRANSMEM | 269 | 298 | |
| FT | TOPO_DOM | 299 | 317 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 318 | 344 | |
| FT | TOPO_DOM | 345 | 376 | CYTOPLASMIC. |
| FT | TRANSMEM | 377 | 398 | |
| FT | TOPO_DOM | 399 | 403 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 404 | 427 | |
| FT | TOPO_DOM | 428 | 438 | CYTOPLASMIC. |
| FT | TRANSMEM | 439 | 462 | |
| FT | TOPO_DOM | 463 | 481 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 482 | 502 | |
| FT | TOPO_DOM | 503 | 580 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AAA1_HUMAN

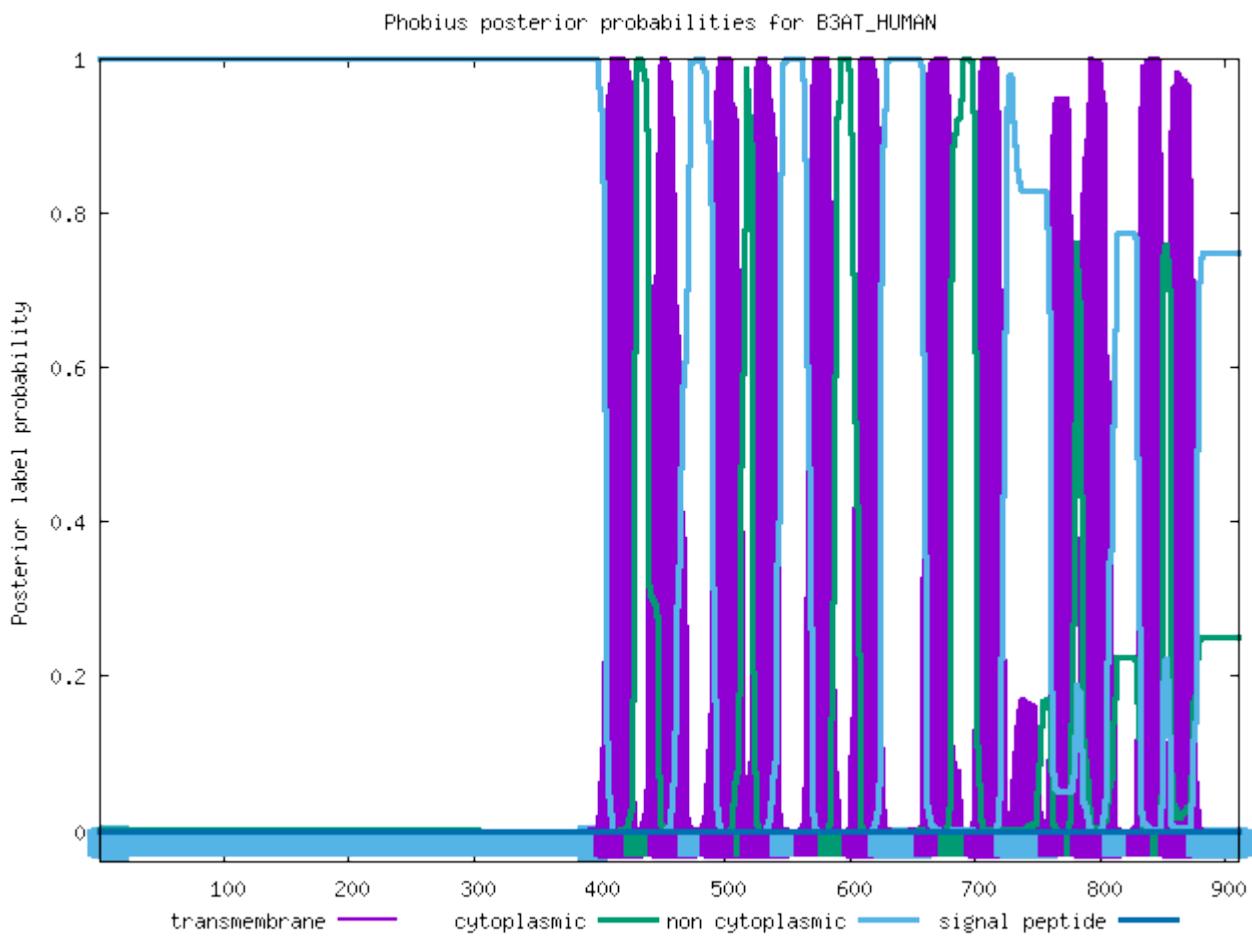
| ID | AAA1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 39 | CYTOPLASMIC. |
| FT | TRANSMEM | 40 | 60 | |
| FT | TOPO_DOM | 61 | 71 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 96 | |
| FT | TOPO_DOM | 97 | 116 | CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 143 | |
| FT | TOPO_DOM | 144 | 162 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 163 | 183 | |
| FT | TOPO_DOM | 184 | 194 | CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 214 | |
| FT | TOPO_DOM | 215 | 233 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 234 | 255 | |
| FT | TOPO_DOM | 256 | 266 | CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 290 | |
| FT | TOPO_DOM | 291 | 309 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 310 | 336 | |
| FT | TOPO_DOM | 337 | 356 | CYTOPLASMIC. |
| FT | TRANSMEM | 357 | 381 | |
| FT | TOPO_DOM | 382 | 386 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 387 | 410 | |
| FT | TOPO_DOM | 411 | 421 | CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 444 | |
| FT | TOPO_DOM | 445 | 449 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 469 | |
| FT | TOPO_DOM | 470 | 523 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of B3AT_HUMAN

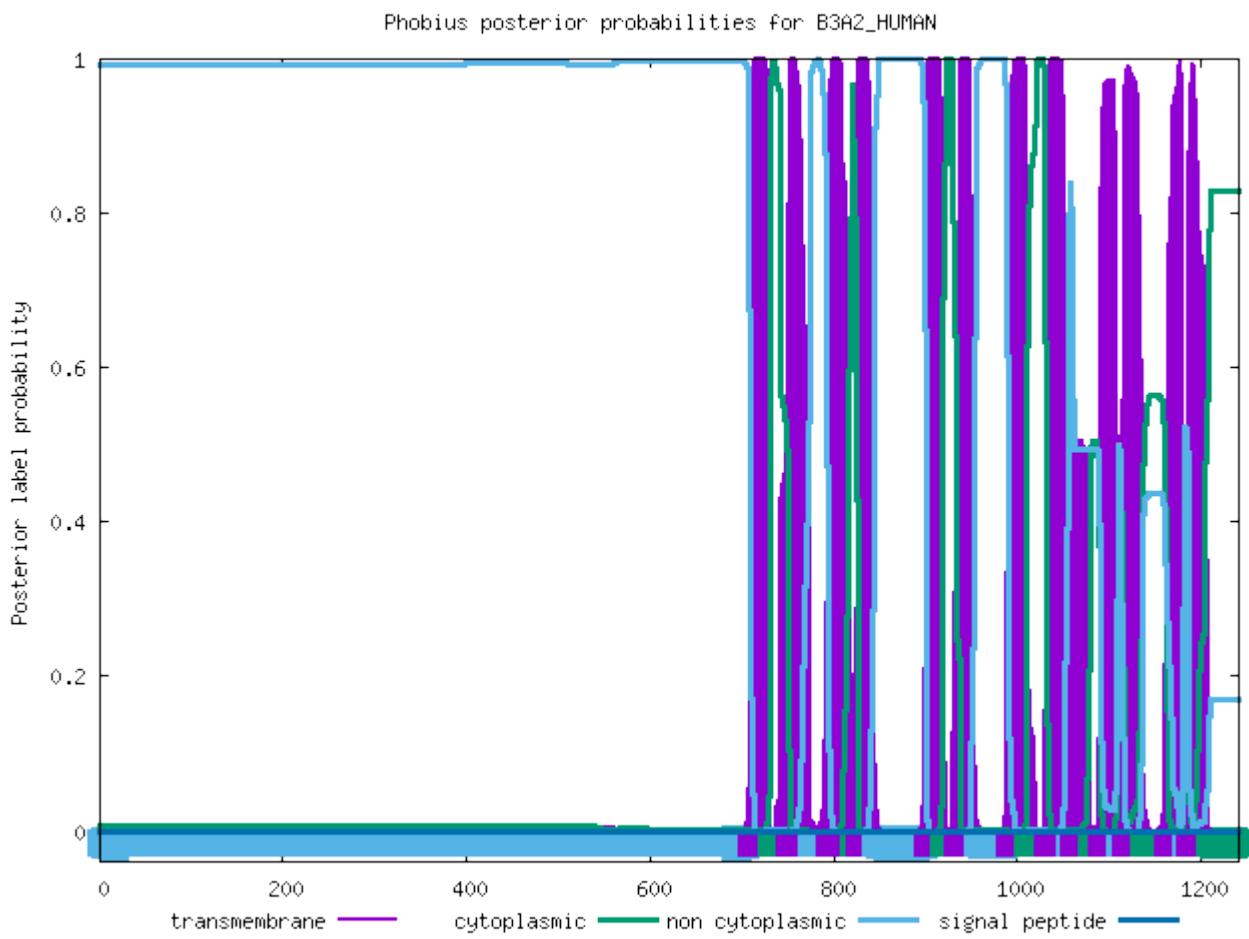
| ID | B3AT_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 404 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 405 | 428 | |
| FT | TOPO_DOM | 429 | 448 | CYTOPLASMIC. |
| FT | TRANSMEM | 449 | 471 | |
| FT | TOPO_DOM | 472 | 490 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 491 | 516 | |
| FT | TOPO_DOM | 517 | 522 | CYTOPLASMIC. |
| FT | TRANSMEM | 523 | 545 | |
| FT | TOPO_DOM | 546 | 564 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 565 | 584 | |
| FT | TOPO_DOM | 585 | 603 | CYTOPLASMIC. |
| FT | TRANSMEM | 604 | 624 | |
| FT | TOPO_DOM | 625 | 660 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 661 | 680 | |
| FT | TOPO_DOM | 681 | 700 | CYTOPLASMIC. |
| FT | TRANSMEM | 701 | 724 | |
| FT | TOPO_DOM | 725 | 760 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 761 | 780 | |
| FT | TOPO_DOM | 781 | 786 | CYTOPLASMIC. |
| FT | TRANSMEM | 787 | 811 | |
| FT | TOPO_DOM | 812 | 830 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 831 | 850 | |
| FT | TOPO_DOM | 851 | 856 | CYTOPLASMIC. |
| FT | TRANSMEM | 857 | 878 | |
| FT | TOPO_DOM | 879 | 911 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of B3A2_HUMAN

| ID | B3A2_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 708 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 709 | 730 | |
| FT | TOPO_DOM | 731 | 750 | CYTOPLASMIC. |
| FT | TRANSMEM | 751 | 774 | |
| FT | TOPO_DOM | 775 | 793 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 794 | 819 | |
| FT | TOPO_DOM | 820 | 825 | CYTOPLASMIC. |
| FT | TRANSMEM | 826 | 844 | |
| FT | TOPO_DOM | 845 | 900 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 901 | 918 | |
| FT | TOPO_DOM | 919 | 933 | CYTOPLASMIC. |
| FT | TRANSMEM | 934 | 954 | |
| FT | TOPO_DOM | 955 | 990 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 991 | 1010 | |
| FT | TOPO_DOM | 1011 | 1030 | CYTOPLASMIC. |
| FT | TRANSMEM | 1031 | 1055 | |
| FT | TOPO_DOM | 1056 | 1060 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1061 | 1079 | |
| FT | TOPO_DOM | 1080 | 1090 | CYTOPLASMIC. |
| FT | TRANSMEM | 1091 | 1110 | |
| FT | TOPO_DOM | 1111 | 1115 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1116 | 1136 | |
| FT | TOPO_DOM | 1137 | 1162 | CYTOPLASMIC. |
| FT | TRANSMEM | 1163 | 1181 | |
| FT | TOPO_DOM | 1182 | 1186 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1187 | 1208 | |
| FT | TOPO_DOM | 1209 | 1241 | CYTOPLASMIC. |
| // | | | | |

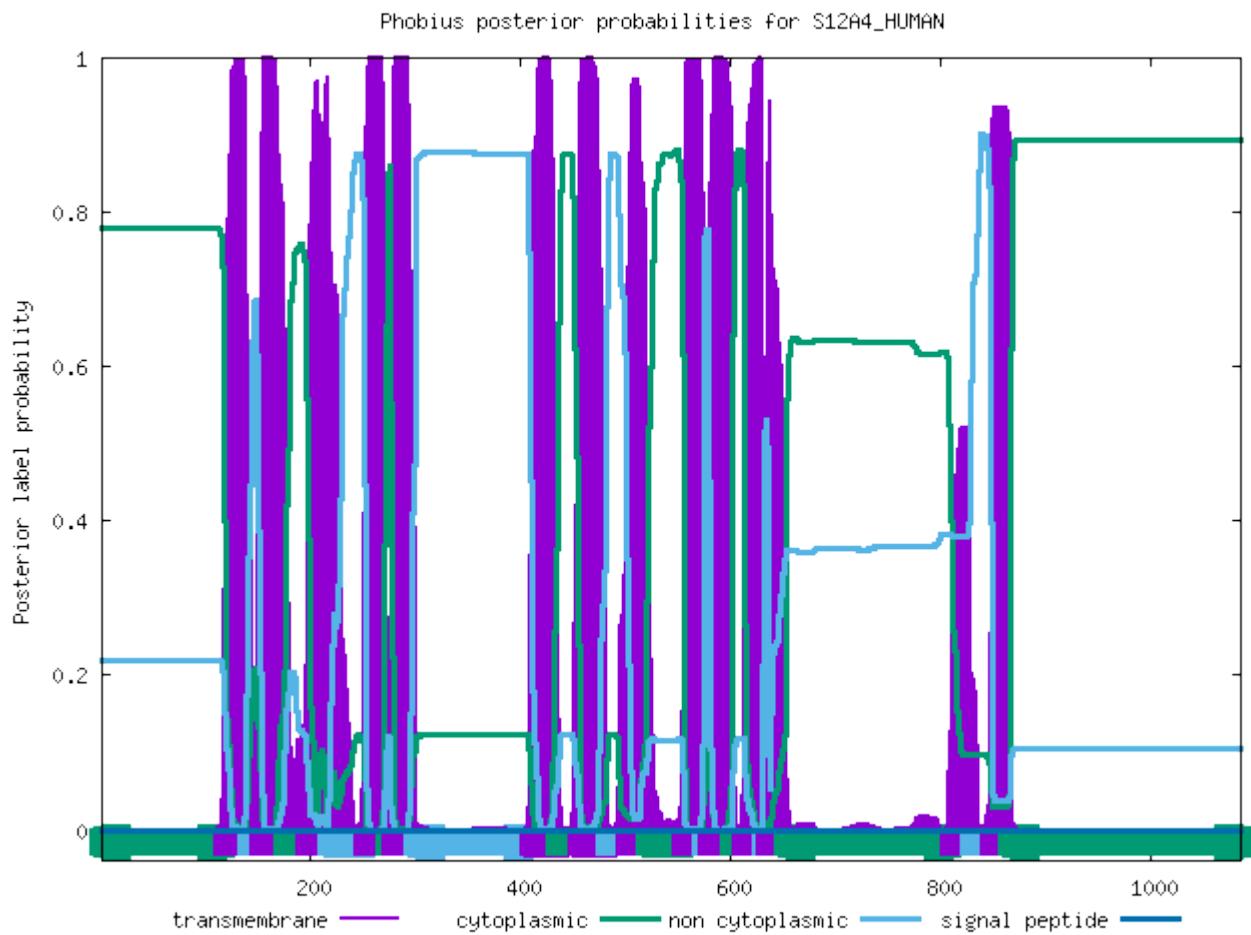


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A4_HUMAN

| ID | S12A4_HUMAN | | |
|----|-------------|-----|----------------------|
| FT | TOPO_DOM | 1 | 118 CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 141 |
| FT | TOPO_DOM | 142 | 152 NON CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 176 |
| FT | TOPO_DOM | 177 | 196 CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 218 |
| FT | TOPO_DOM | 219 | 252 NON CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 272 |
| FT | TOPO_DOM | 273 | 278 CYTOPLASMIC. |
| FT | TRANSMEM | 279 | 300 |
| FT | TOPO_DOM | 301 | 409 NON CYTOPLASMIC. |
| FT | TRANSMEM | 410 | 435 |
| FT | TOPO_DOM | 436 | 455 CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 482 |
| FT | TOPO_DOM | 483 | 501 NON CYTOPLASMIC. |
| FT | TRANSMEM | 502 | 520 |
| FT | TOPO_DOM | 521 | 555 CYTOPLASMIC. |
| FT | TRANSMEM | 556 | 574 |
| FT | TOPO_DOM | 575 | 579 NON CYTOPLASMIC. |
| FT | TRANSMEM | 580 | 601 |
| FT | TOPO_DOM | 602 | 612 CYTOPLASMIC. |
| FT | TRANSMEM | 613 | 630 |
| FT | TOPO_DOM | 631 | 635 NON CYTOPLASMIC. |
| FT | TRANSMEM | 636 | 652 |
| FT | TOPO_DOM | 653 | 809 CYTOPLASMIC. |
| FT | TRANSMEM | 810 | 828 |
| FT | TOPO_DOM | 829 | 847 NON CYTOPLASMIC. |
| FT | TRANSMEM | 848 | 865 |

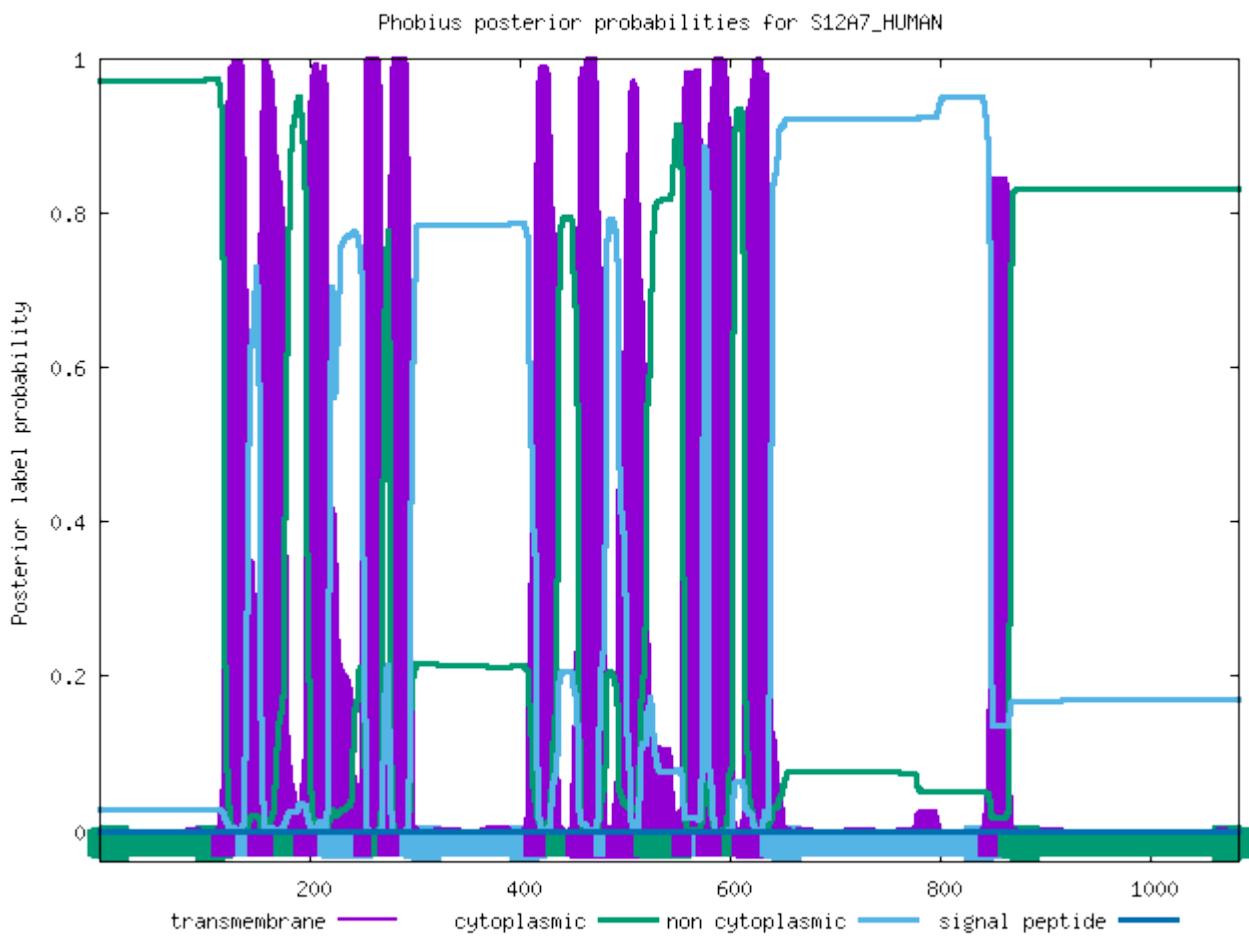
FT TOPO_DOM 866 1085 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A7_HUMAN

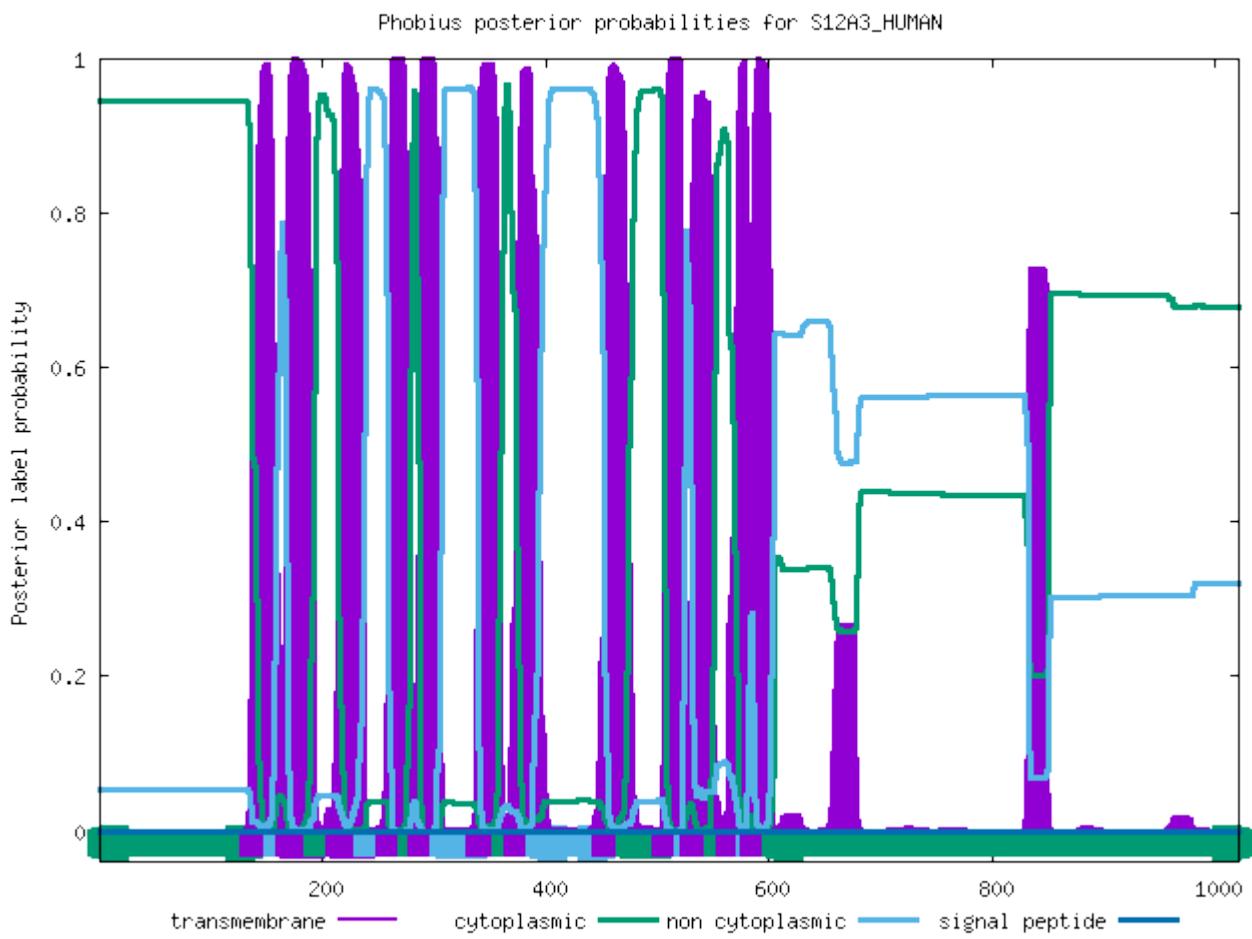
| ID | S12A7_HUMAN | | | |
|----|-------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 141 | |
| FT | TOPO_DOM | 142 | 152 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 176 | |
| FT | TOPO_DOM | 177 | 196 | CYTOPLASMIC. |
| FT | TRANSMEM | 197 | 218 | |
| FT | TOPO_DOM | 219 | 252 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 253 | 270 | |
| FT | TOPO_DOM | 271 | 276 | CYTOPLASMIC. |
| FT | TRANSMEM | 277 | 296 | |
| FT | TOPO_DOM | 297 | 415 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 416 | 436 | |
| FT | TOPO_DOM | 437 | 455 | CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 482 | |
| FT | TOPO_DOM | 483 | 493 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 494 | 520 | |
| FT | TOPO_DOM | 521 | 555 | CYTOPLASMIC. |
| FT | TRANSMEM | 556 | 574 | |
| FT | TOPO_DOM | 575 | 579 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 580 | 602 | |
| FT | TOPO_DOM | 603 | 613 | CYTOPLASMIC. |
| FT | TRANSMEM | 614 | 638 | |
| FT | TOPO_DOM | 639 | 847 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 848 | 865 | |
| FT | TOPO_DOM | 866 | 1083 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S12A3_HUMAN

| ID | S12A3_HUMAN | | |
|----|-------------|-----|----------------------|
| FT | TOPO_DOM | 1 | 137 CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 157 |
| FT | TOPO_DOM | 158 | 168 NON CYTOPLASMIC. |
| FT | TRANSMEM | 169 | 194 |
| FT | TOPO_DOM | 195 | 214 CYTOPLASMIC. |
| FT | TRANSMEM | 215 | 239 |
| FT | TOPO_DOM | 240 | 258 NON CYTOPLASMIC. |
| FT | TRANSMEM | 259 | 278 |
| FT | TOPO_DOM | 279 | 286 CYTOPLASMIC. |
| FT | TRANSMEM | 287 | 306 |
| FT | TOPO_DOM | 307 | 339 NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 362 |
| FT | TOPO_DOM | 363 | 373 CYTOPLASMIC. |
| FT | TRANSMEM | 374 | 393 |
| FT | TOPO_DOM | 394 | 452 NON CYTOPLASMIC. |
| FT | TRANSMEM | 453 | 474 |
| FT | TOPO_DOM | 475 | 505 CYTOPLASMIC. |
| FT | TRANSMEM | 506 | 525 |
| FT | TOPO_DOM | 526 | 530 NON CYTOPLASMIC. |
| FT | TRANSMEM | 531 | 552 |
| FT | TOPO_DOM | 553 | 563 CYTOPLASMIC. |
| FT | TRANSMEM | 564 | 580 |
| FT | TOPO_DOM | 581 | 585 NON CYTOPLASMIC. |
| FT | TRANSMEM | 586 | 605 |
| FT | TOPO_DOM | 606 | 1021 CYTOPLASMIC. |
| // | | | |

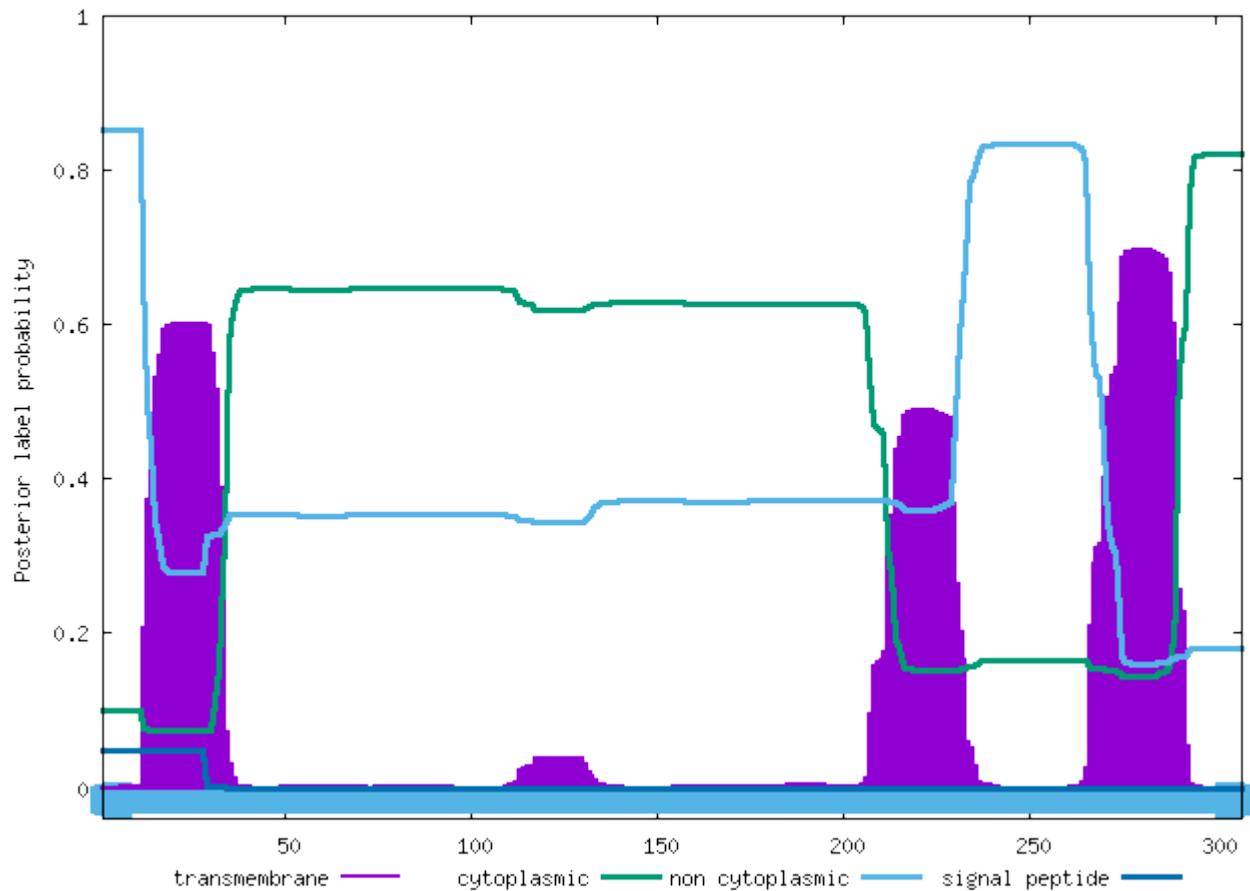


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of UCP1_HUMAN

| | | | | |
|----|------------|---|-----|------------------|
| ID | UCP1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 307 | NON CYTOPLASMIC. |
| // | | | | |

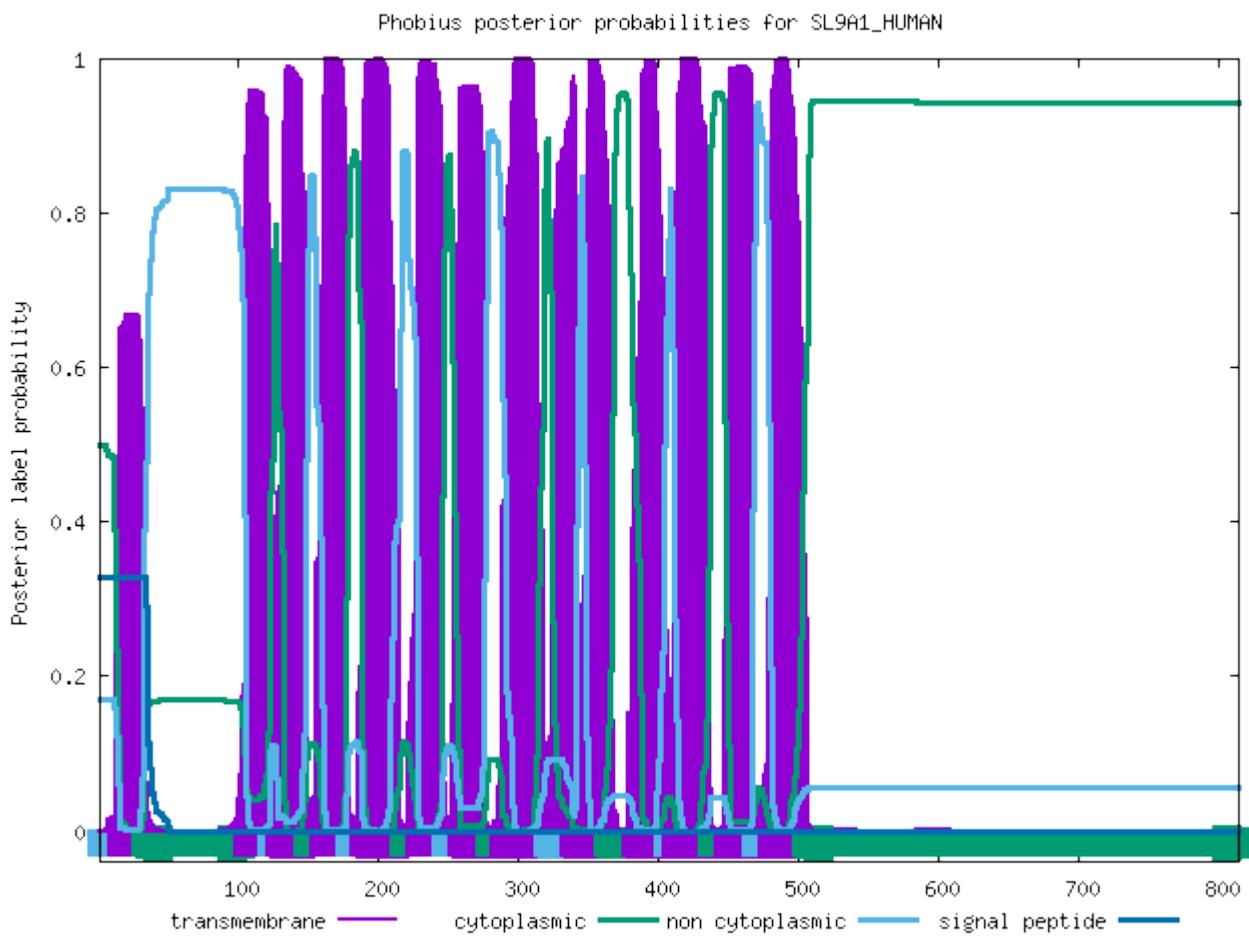
Phobius posterior probabilities for UCP1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SL9A1_HUMAN

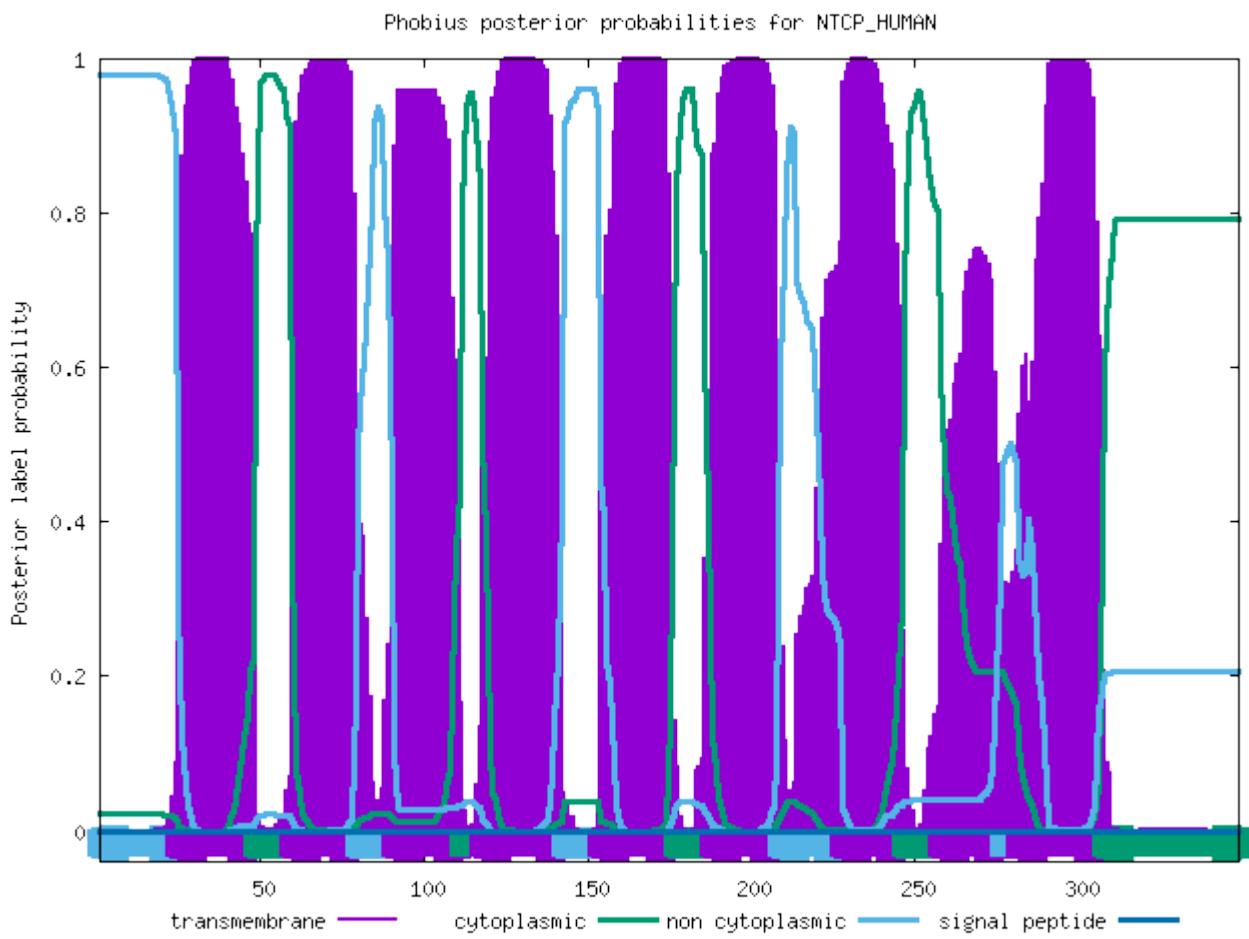
| ID | SL9A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 14 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 15 | 32 | |
| FT | TOPO_DOM | 33 | 104 | CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 122 | |
| FT | TOPO_DOM | 123 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 148 | |
| FT | TOPO_DOM | 149 | 159 | CYTOPLASMIC. |
| FT | TRANSMEM | 160 | 177 | |
| FT | TOPO_DOM | 178 | 188 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 216 | |
| FT | TOPO_DOM | 217 | 227 | CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 246 | |
| FT | TOPO_DOM | 247 | 257 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 277 | |
| FT | TOPO_DOM | 278 | 288 | CYTOPLASMIC. |
| FT | TRANSMEM | 289 | 319 | |
| FT | TOPO_DOM | 320 | 338 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 362 | |
| FT | TOPO_DOM | 363 | 382 | CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 405 | |
| FT | TOPO_DOM | 406 | 410 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 437 | |
| FT | TOPO_DOM | 438 | 448 | CYTOPLASMIC. |
| FT | TRANSMEM | 449 | 468 | |
| FT | TOPO_DOM | 469 | 479 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 480 | 503 | |
| FT | TOPO_DOM | 504 | 815 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NTCP_HUMAN

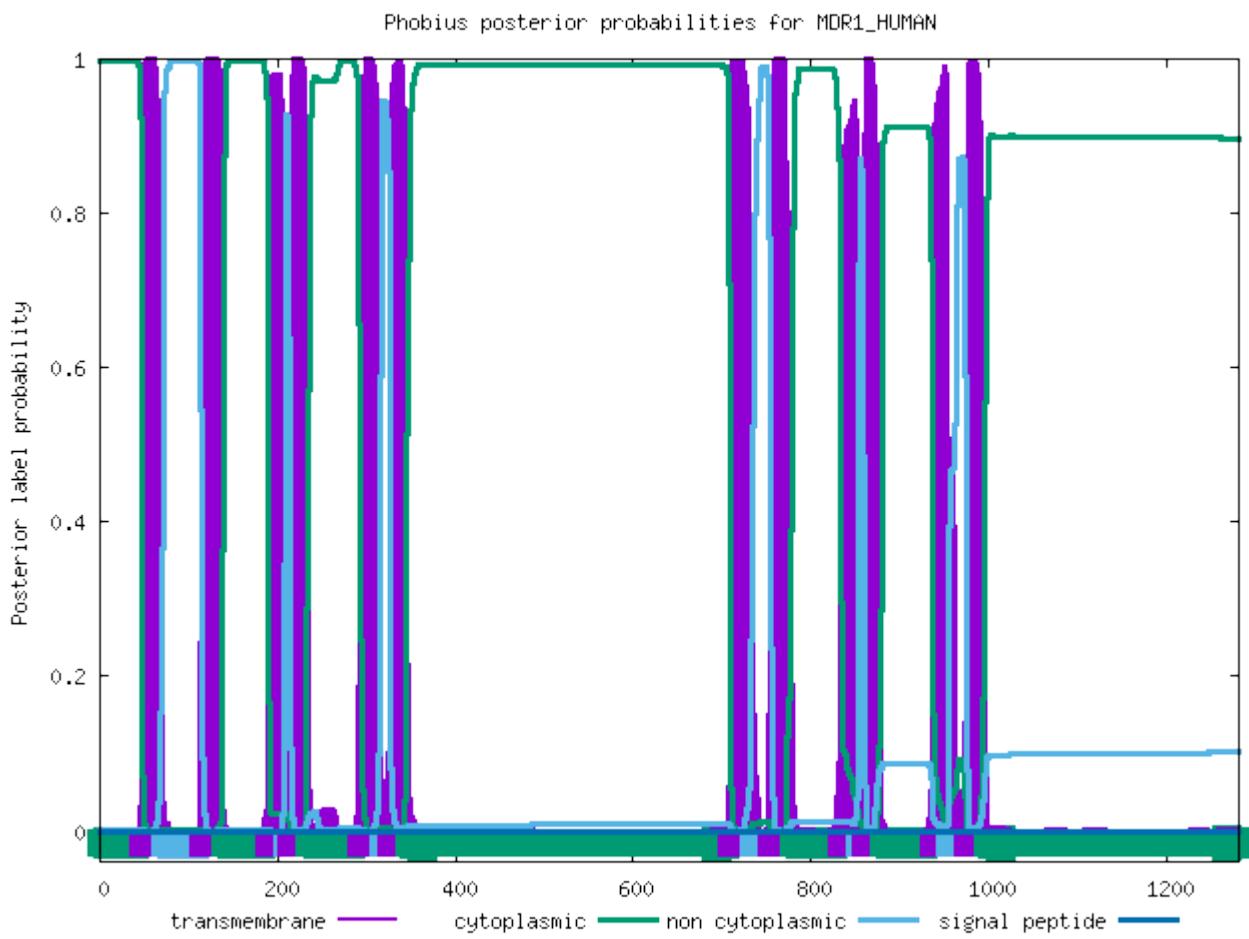
| ID | NTCP_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 24 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 25 | 48 | |
| FT | TOPO_DOM | 49 | 59 | CYTOPLASMIC. |
| FT | TRANSMEM | 60 | 79 | |
| FT | TOPO_DOM | 80 | 90 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 111 | |
| FT | TOPO_DOM | 112 | 117 | CYTOPLASMIC. |
| FT | TRANSMEM | 118 | 142 | |
| FT | TOPO_DOM | 143 | 153 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 176 | |
| FT | TOPO_DOM | 177 | 187 | CYTOPLASMIC. |
| FT | TRANSMEM | 188 | 208 | |
| FT | TOPO_DOM | 209 | 227 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 246 | |
| FT | TOPO_DOM | 247 | 257 | CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 276 | |
| FT | TOPO_DOM | 277 | 281 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 282 | 307 | |
| FT | TOPO_DOM | 308 | 349 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MDR1_HUMAN

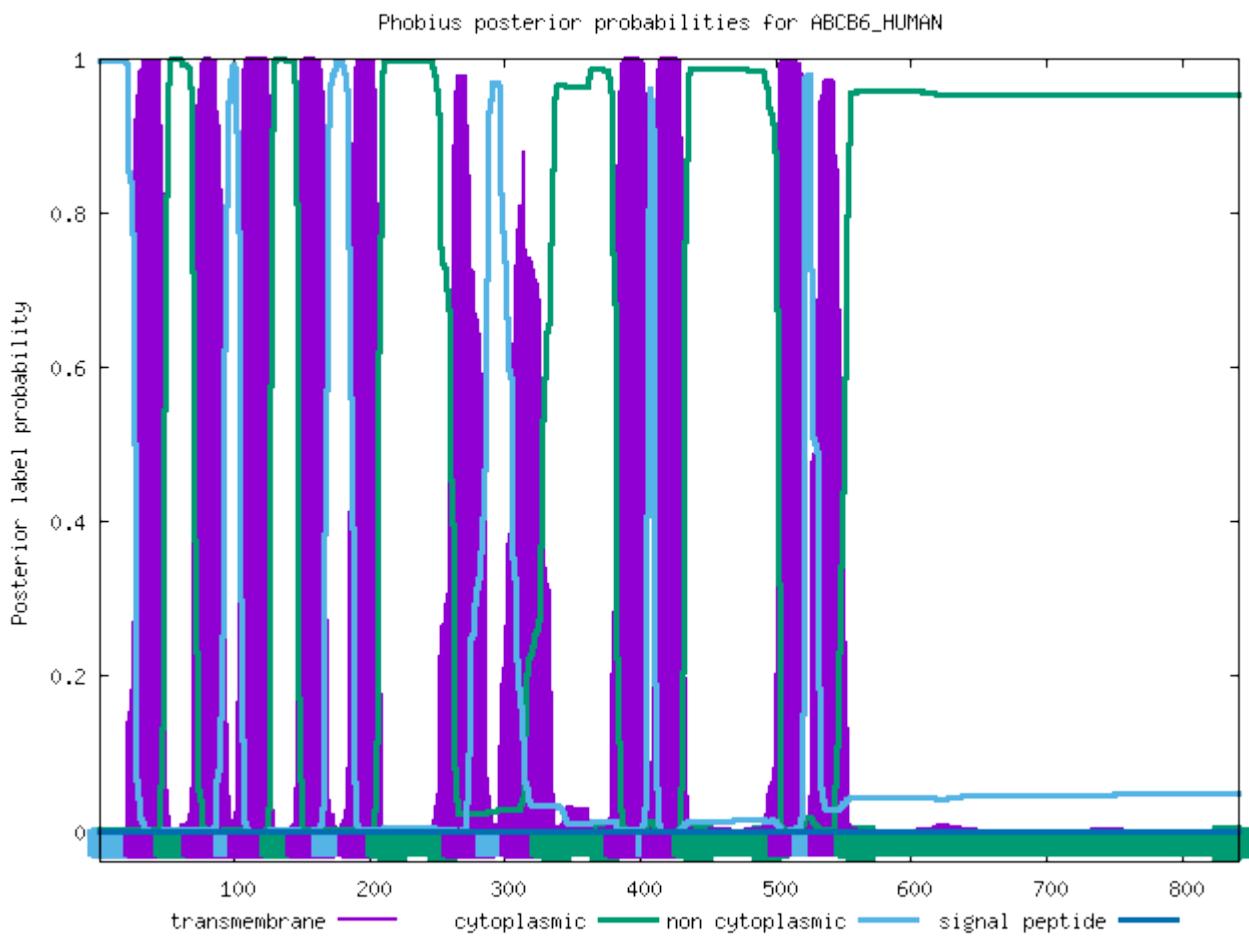
| ID | MDR1_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 48 | CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 72 | |
| FT | TOPO_DOM | 73 | 114 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 115 | 139 | |
| FT | TOPO_DOM | 140 | 189 | CYTOPLASMIC. |
| FT | TRANSMEM | 190 | 208 | |
| FT | TOPO_DOM | 209 | 213 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 214 | 233 | |
| FT | TOPO_DOM | 234 | 292 | CYTOPLASMIC. |
| FT | TRANSMEM | 293 | 316 | |
| FT | TOPO_DOM | 317 | 327 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 328 | 346 | |
| FT | TOPO_DOM | 347 | 707 | CYTOPLASMIC. |
| FT | TRANSMEM | 708 | 733 | |
| FT | TOPO_DOM | 734 | 752 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 753 | 777 | |
| FT | TOPO_DOM | 778 | 832 | CYTOPLASMIC. |
| FT | TRANSMEM | 833 | 853 | |
| FT | TOPO_DOM | 854 | 858 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 859 | 879 | |
| FT | TOPO_DOM | 880 | 934 | CYTOPLASMIC. |
| FT | TRANSMEM | 935 | 954 | |
| FT | TOPO_DOM | 955 | 973 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 974 | 995 | |
| FT | TOPO_DOM | 996 | 1280 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCB6_HUMAN

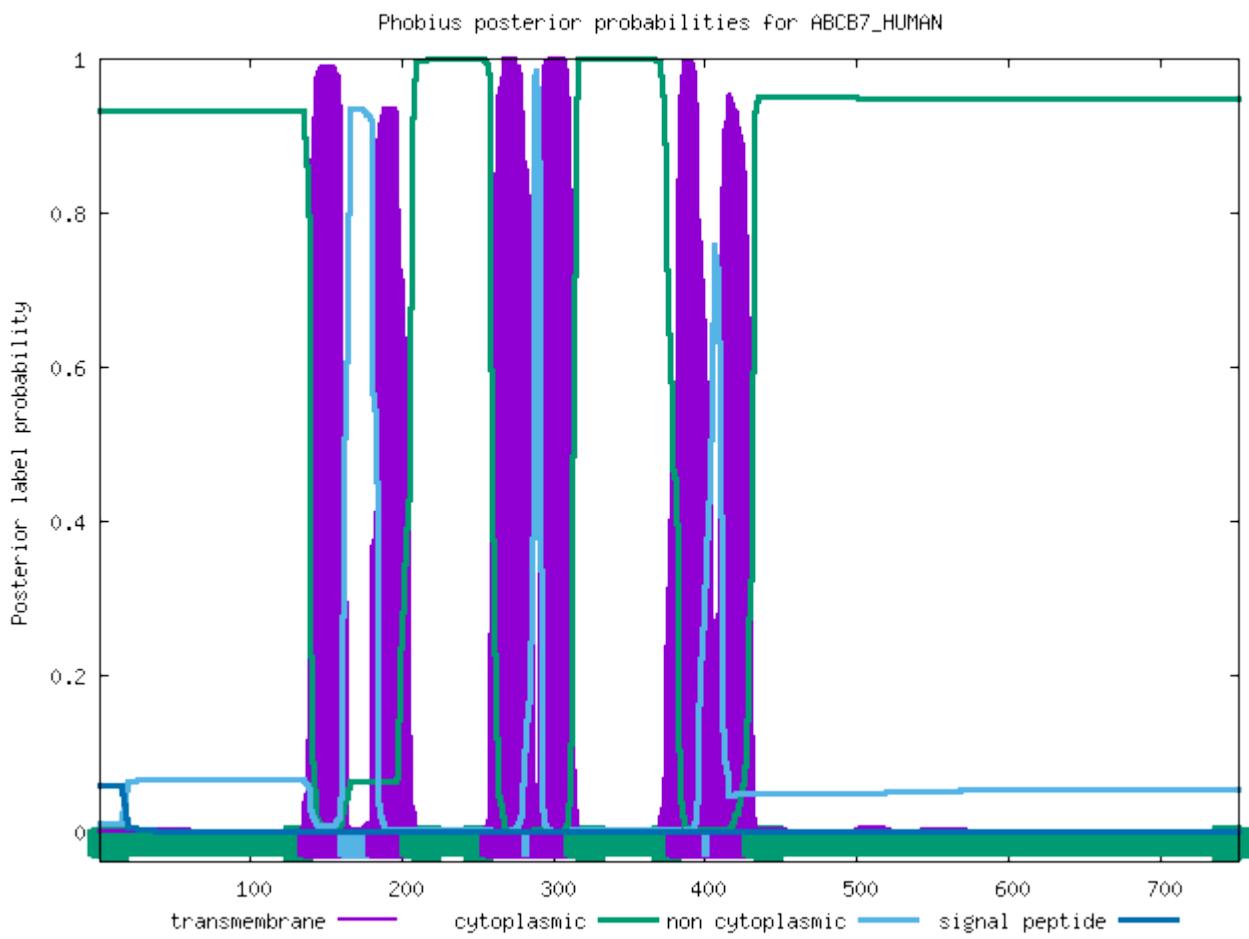
| ID | ABCB6_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 26 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 27 | 49 | |
| FT | TOPO_DOM | 50 | 69 | CYTOPLASMIC. |
| FT | TRANSMEM | 70 | 93 | |
| FT | TOPO_DOM | 94 | 104 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 105 | 127 | |
| FT | TOPO_DOM | 128 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 166 | |
| FT | TOPO_DOM | 167 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 206 | |
| FT | TOPO_DOM | 207 | 262 | CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 286 | |
| FT | TOPO_DOM | 287 | 305 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 306 | 326 | |
| FT | TOPO_DOM | 327 | 382 | CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 405 | |
| FT | TOPO_DOM | 406 | 410 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 432 | |
| FT | TOPO_DOM | 433 | 502 | CYTOPLASMIC. |
| FT | TRANSMEM | 503 | 521 | |
| FT | TOPO_DOM | 522 | 532 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 533 | 551 | |
| FT | TOPO_DOM | 552 | 842 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCB7_HUMAN

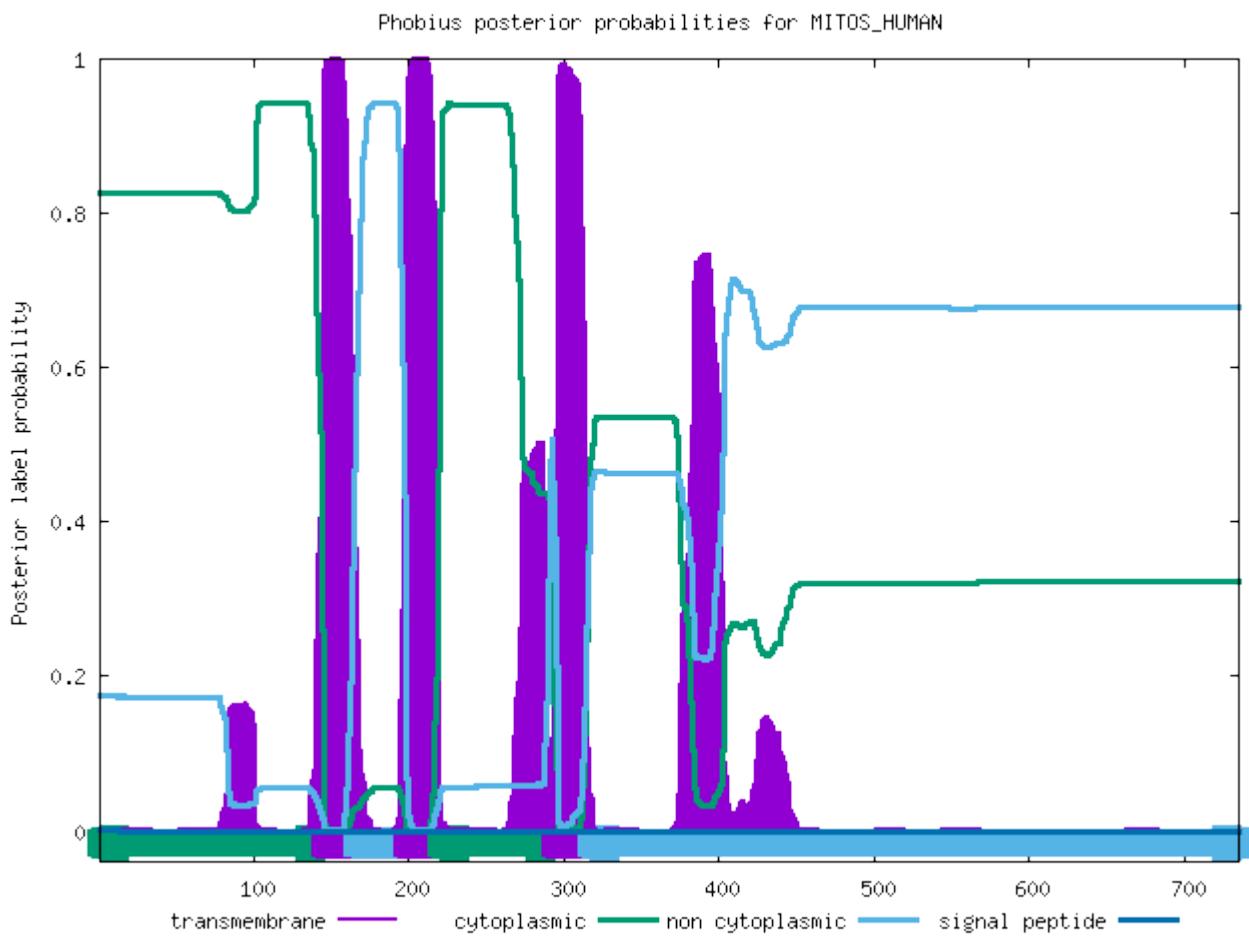
| ID | ABCB7_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 139 | CYTOPLASMIC. |
| FT | TRANSMEM | 140 | 165 | |
| FT | TOPO_DOM | 166 | 184 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 185 | 206 | |
| FT | TOPO_DOM | 207 | 259 | CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 287 | |
| FT | TOPO_DOM | 288 | 292 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 293 | 314 | |
| FT | TOPO_DOM | 315 | 382 | CYTOPLASMIC. |
| FT | TRANSMEM | 383 | 405 | |
| FT | TOPO_DOM | 406 | 410 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 411 | 431 | |
| FT | TOPO_DOM | 432 | 752 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MITOS_HUMAN

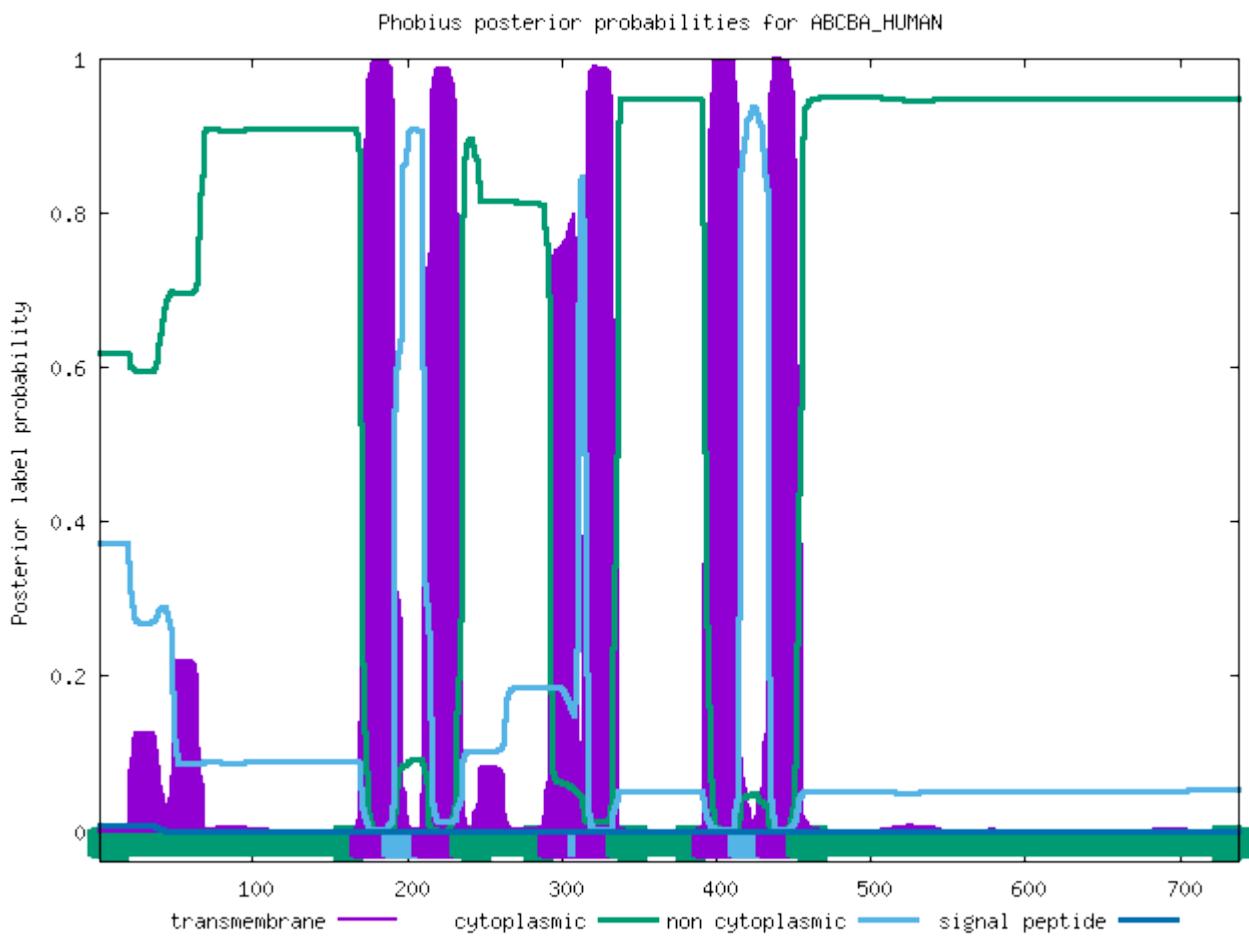
| ID | MITOS_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 144 | CYTOPLASMIC. |
| FT | TRANSMEM | 145 | 165 | |
| FT | TOPO_DOM | 166 | 198 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 199 | 219 | |
| FT | TOPO_DOM | 220 | 293 | CYTOPLASMIC. |
| FT | TRANSMEM | 294 | 316 | |
| FT | TOPO_DOM | 317 | 735 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCBA_HUMAN

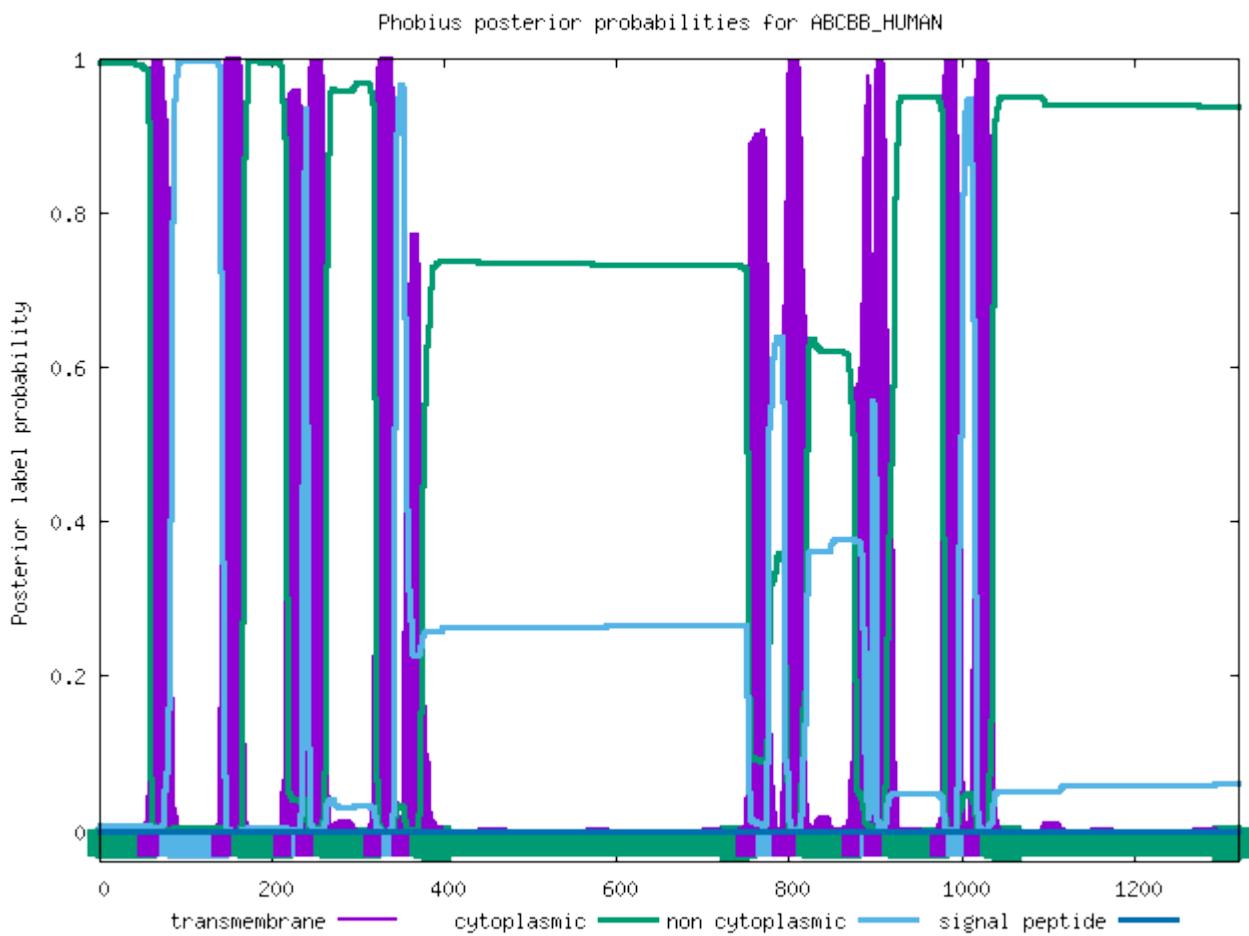
| ID | ABCBA_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 170 | CYTOPLASMIC. |
| FT | TRANSMEM | 171 | 191 | |
| FT | TOPO_DOM | 192 | 210 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 211 | 235 | |
| FT | TOPO_DOM | 236 | 292 | CYTOPLASMIC. |
| FT | TRANSMEM | 293 | 311 | |
| FT | TOPO_DOM | 312 | 316 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 317 | 336 | |
| FT | TOPO_DOM | 337 | 391 | CYTOPLASMIC. |
| FT | TRANSMEM | 392 | 414 | |
| FT | TOPO_DOM | 415 | 433 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 434 | 452 | |
| FT | TOPO_DOM | 453 | 738 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCBB_HUMAN

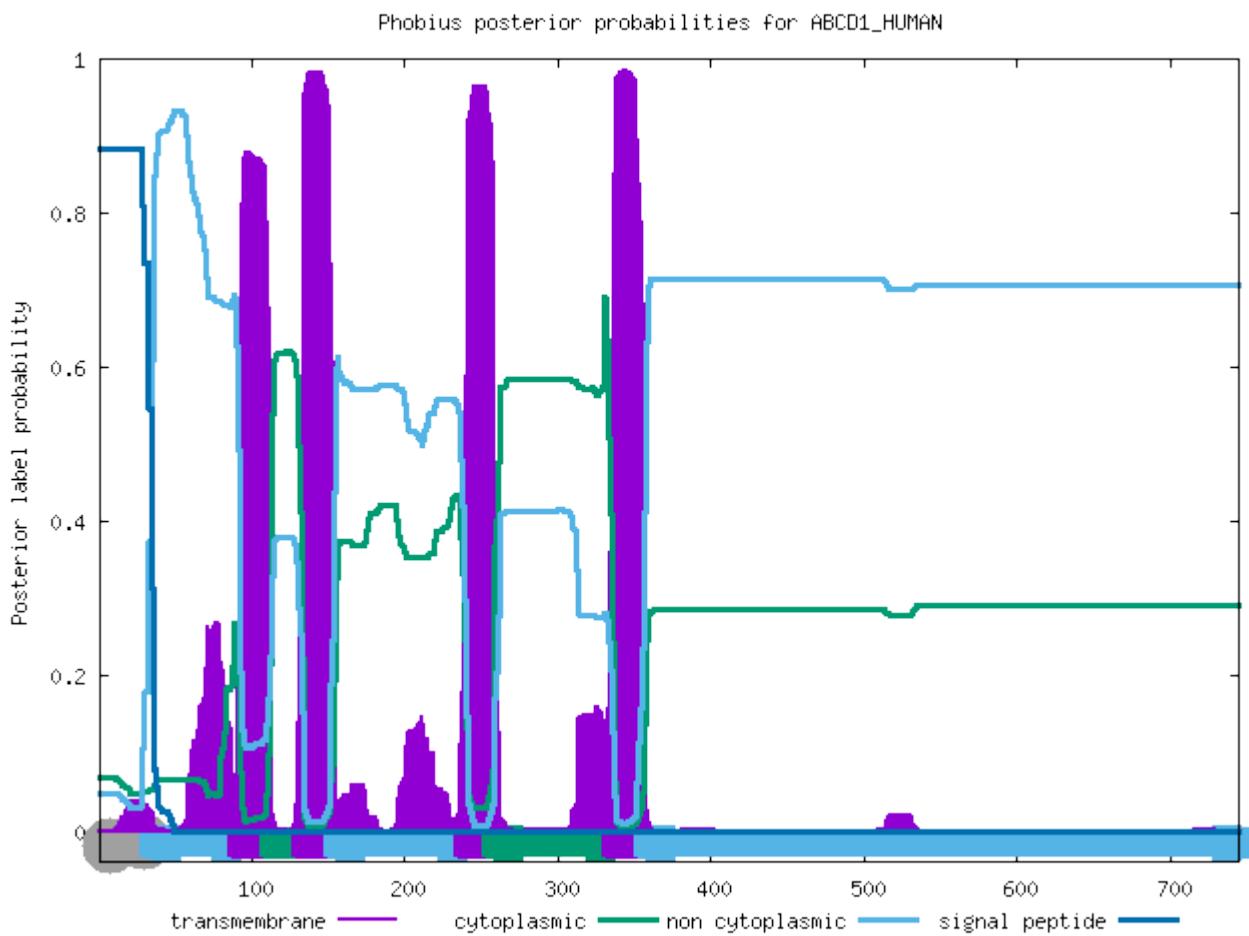
| ID | ABCBB_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 58 | CYTOPLASMIC. |
| FT | TRANSMEM | 59 | 83 | |
| FT | TOPO_DOM | 84 | 143 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 144 | 166 | |
| FT | TOPO_DOM | 167 | 216 | CYTOPLASMIC. |
| FT | TRANSMEM | 217 | 236 | |
| FT | TOPO_DOM | 237 | 241 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 242 | 263 | |
| FT | TOPO_DOM | 264 | 319 | CYTOPLASMIC. |
| FT | TRANSMEM | 320 | 342 | |
| FT | TOPO_DOM | 343 | 353 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 354 | 373 | |
| FT | TOPO_DOM | 374 | 751 | CYTOPLASMIC. |
| FT | TRANSMEM | 752 | 775 | |
| FT | TOPO_DOM | 776 | 794 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 795 | 821 | |
| FT | TOPO_DOM | 822 | 875 | CYTOPLASMIC. |
| FT | TRANSMEM | 876 | 896 | |
| FT | TOPO_DOM | 897 | 901 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 902 | 922 | |
| FT | TOPO_DOM | 923 | 977 | CYTOPLASMIC. |
| FT | TRANSMEM | 978 | 996 | |
| FT | TOPO_DOM | 997 | 1015 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1016 | 1035 | |
| FT | TOPO_DOM | 1036 | 1321 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCD1_HUMAN

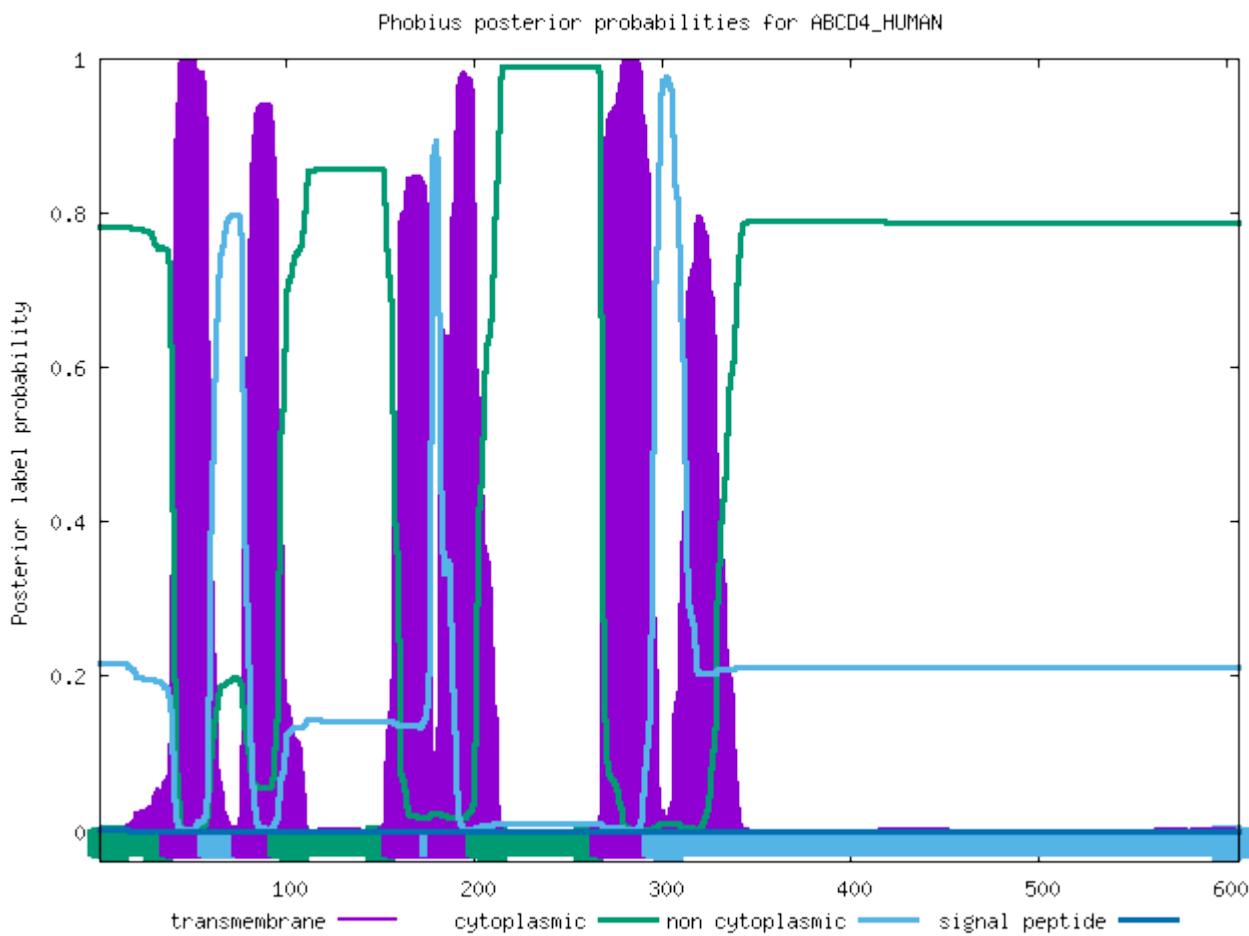
| ID | ABCD1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 34 | |
| FT | REGION | 1 | 17 | N-REGION. |
| FT | REGION | 18 | 26 | H-REGION. |
| FT | REGION | 27 | 34 | C-REGION. |
| FT | TOPO_DOM | 35 | 91 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 113 | |
| FT | TOPO_DOM | 114 | 133 | CYTOPLASMIC. |
| FT | TRANSMEM | 134 | 154 | |
| FT | TOPO_DOM | 155 | 239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 240 | 258 | |
| FT | TOPO_DOM | 259 | 336 | CYTOPLASMIC. |
| FT | TRANSMEM | 337 | 357 | |
| FT | TOPO_DOM | 358 | 745 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCD4_HUMAN

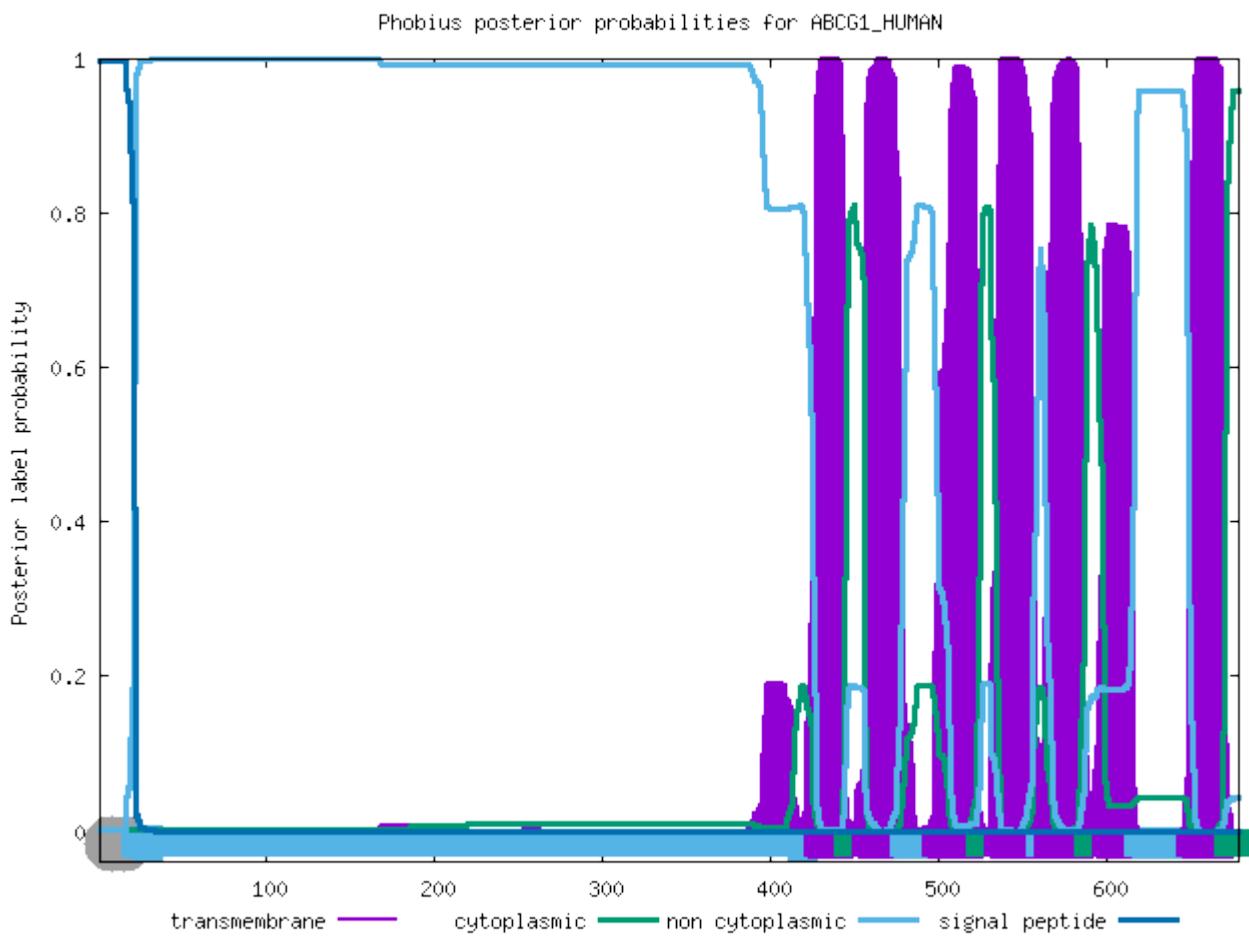
| ID | ABCD4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 38 | CYTOPLASMIC. |
| FT | TRANSMEM | 39 | 58 | |
| FT | TOPO_DOM | 59 | 77 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 78 | 96 | |
| FT | TOPO_DOM | 97 | 156 | CYTOPLASMIC. |
| FT | TRANSMEM | 157 | 176 | |
| FT | TOPO_DOM | 177 | 181 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 182 | 201 | |
| FT | TOPO_DOM | 202 | 267 | CYTOPLASMIC. |
| FT | TRANSMEM | 268 | 294 | |
| FT | TOPO_DOM | 295 | 606 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCG1_HUMAN

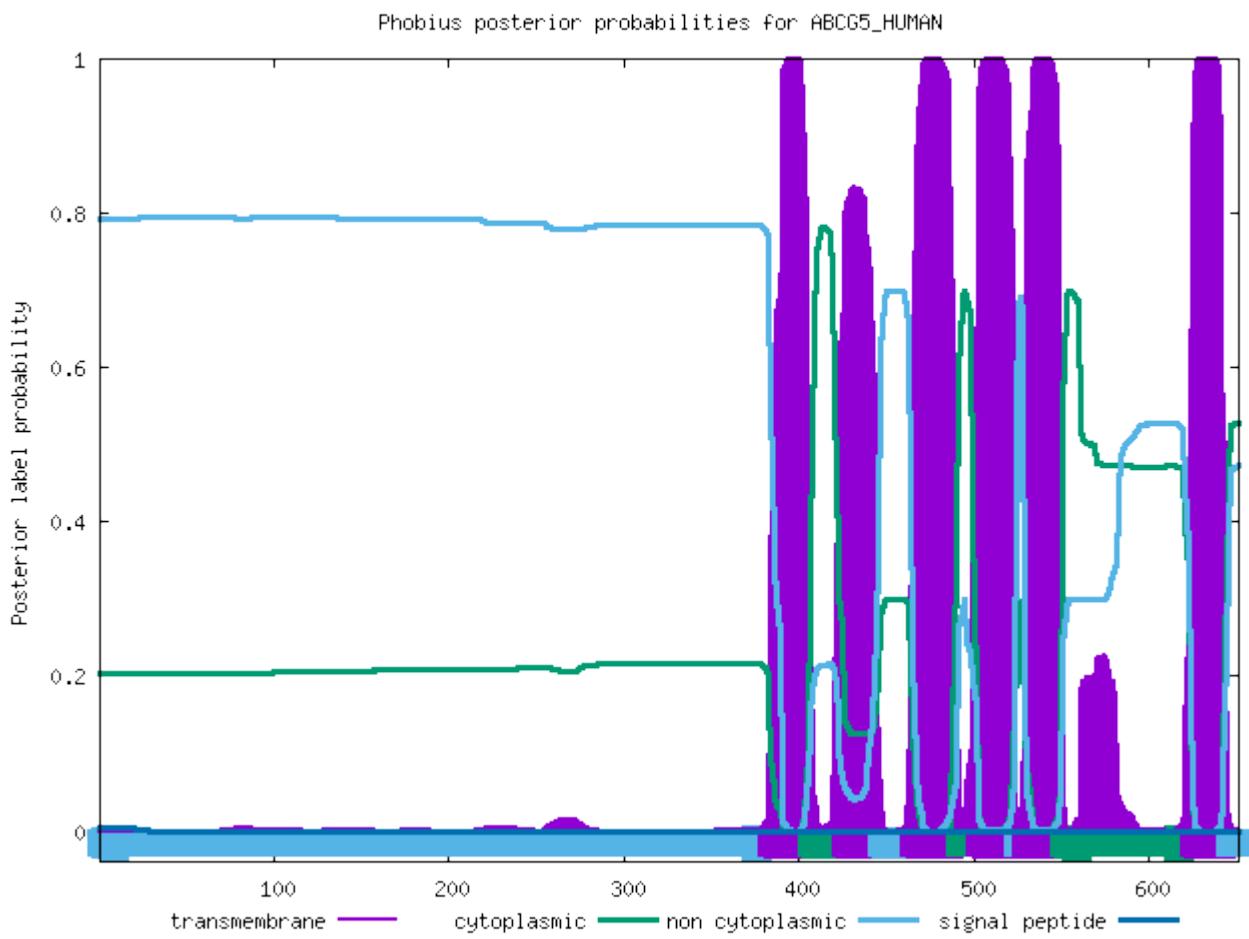
| ID | ABCG1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 1 | N-REGION. |
| FT | REGION | 2 | 13 | H-REGION. |
| FT | REGION | 14 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 426 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 427 | 444 | |
| FT | TOPO_DOM | 445 | 455 | CYTOPLASMIC. |
| FT | TRANSMEM | 456 | 477 | |
| FT | TOPO_DOM | 478 | 496 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 497 | 522 | |
| FT | TOPO_DOM | 523 | 533 | CYTOPLASMIC. |
| FT | TRANSMEM | 534 | 558 | |
| FT | TOPO_DOM | 559 | 563 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 564 | 586 | |
| FT | TOPO_DOM | 587 | 597 | CYTOPLASMIC. |
| FT | TRANSMEM | 598 | 616 | |
| FT | TOPO_DOM | 617 | 647 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 648 | 670 | |
| FT | TOPO_DOM | 671 | 678 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCG5_HUMAN

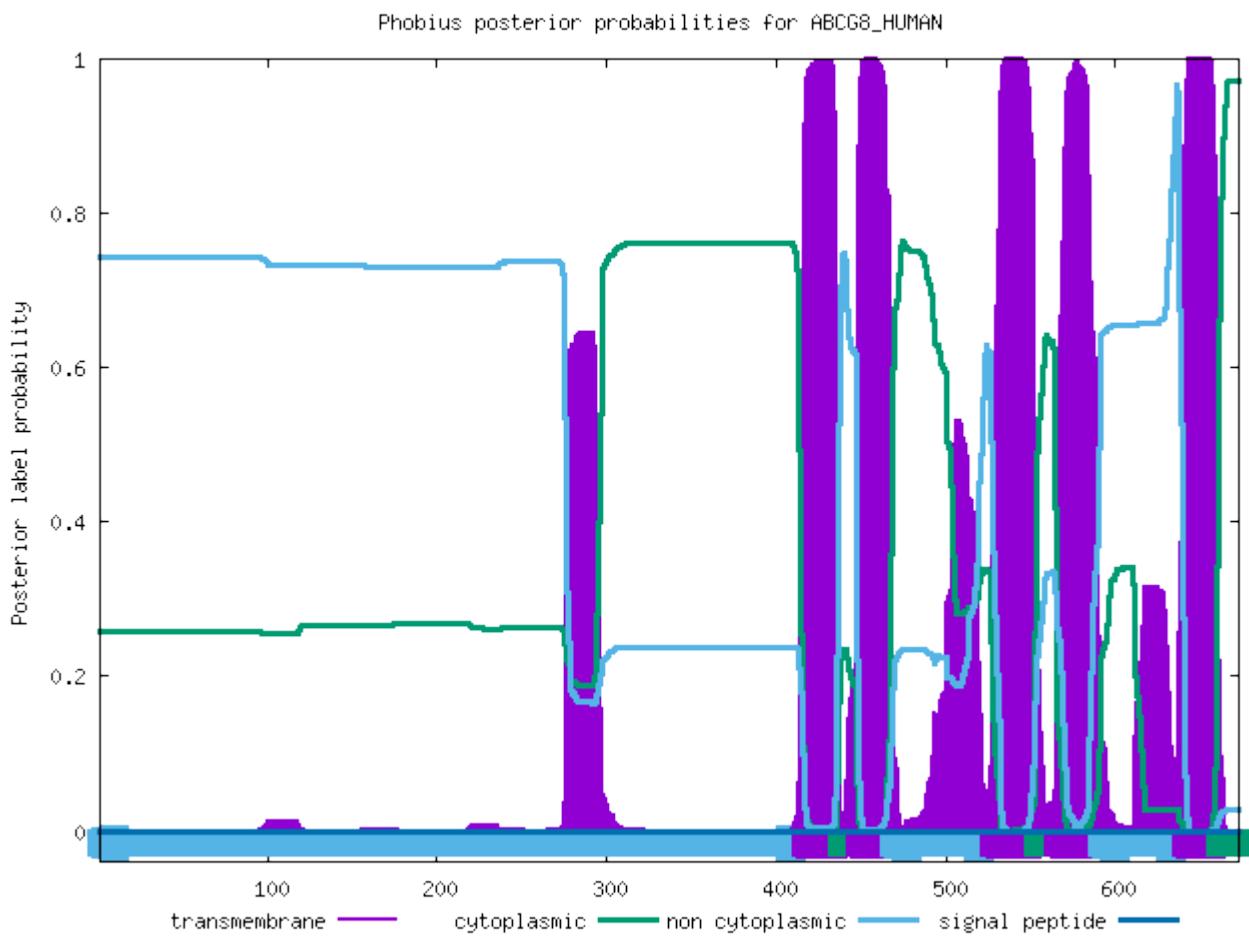
| ID | ABCG5_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 383 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 384 | 405 | |
| FT | TOPO_DOM | 406 | 425 | CYTOPLASMIC. |
| FT | TRANSMEM | 426 | 445 | |
| FT | TOPO_DOM | 446 | 464 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 465 | 490 | |
| FT | TOPO_DOM | 491 | 501 | CYTOPLASMIC. |
| FT | TRANSMEM | 502 | 523 | |
| FT | TOPO_DOM | 524 | 528 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 529 | 549 | |
| FT | TOPO_DOM | 550 | 624 | CYTOPLASMIC. |
| FT | TRANSMEM | 625 | 644 | |
| FT | TOPO_DOM | 645 | 651 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCG8_HUMAN

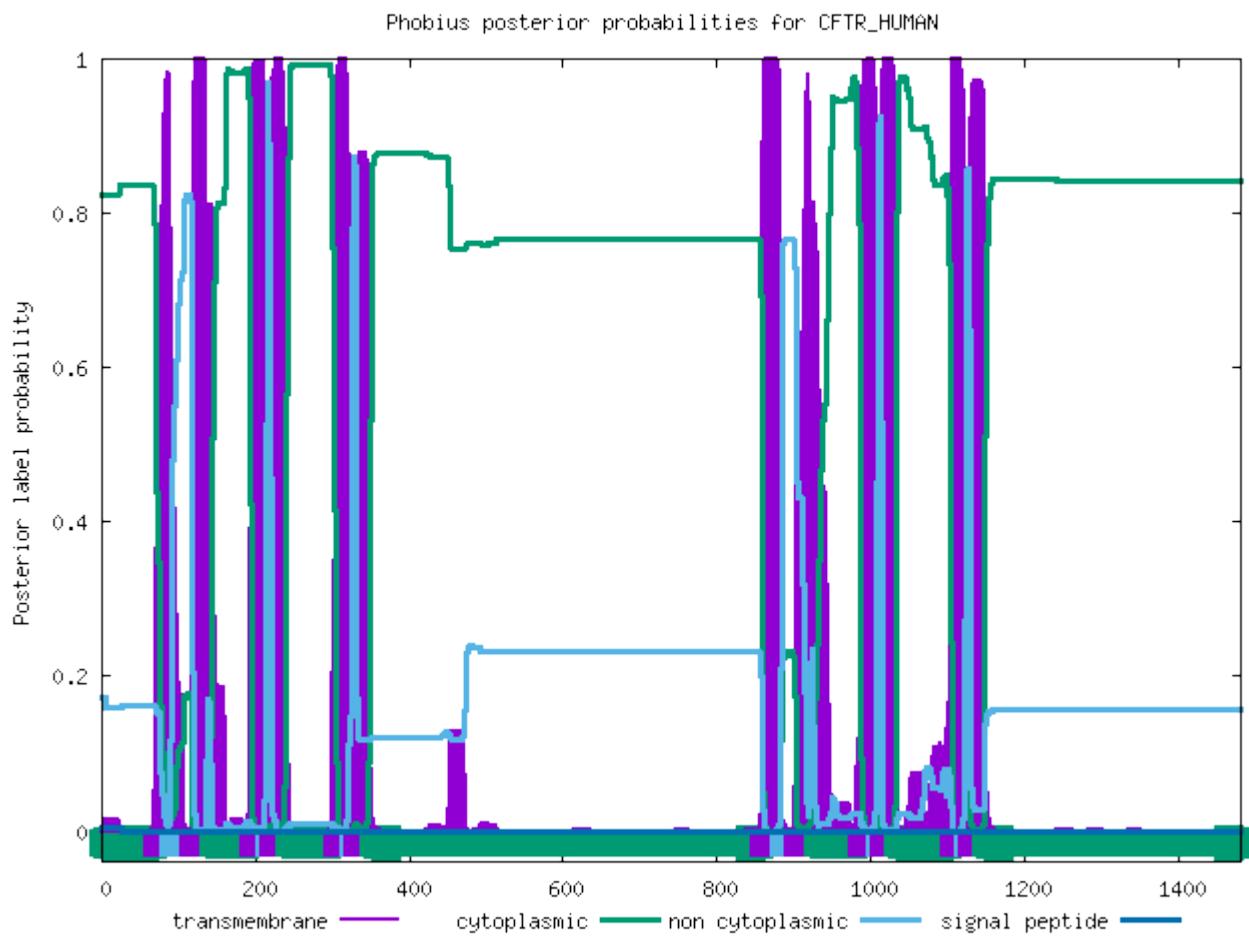
| ID | ABCG8_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 416 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 417 | 437 | |
| FT | TOPO_DOM | 438 | 448 | CYTOPLASMIC. |
| FT | TRANSMEM | 449 | 468 | |
| FT | TOPO_DOM | 469 | 527 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 528 | 553 | |
| FT | TOPO_DOM | 554 | 564 | CYTOPLASMIC. |
| FT | TRANSMEM | 565 | 590 | |
| FT | TOPO_DOM | 591 | 640 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 641 | 660 | |
| FT | TOPO_DOM | 661 | 673 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CFTR_HUMAN

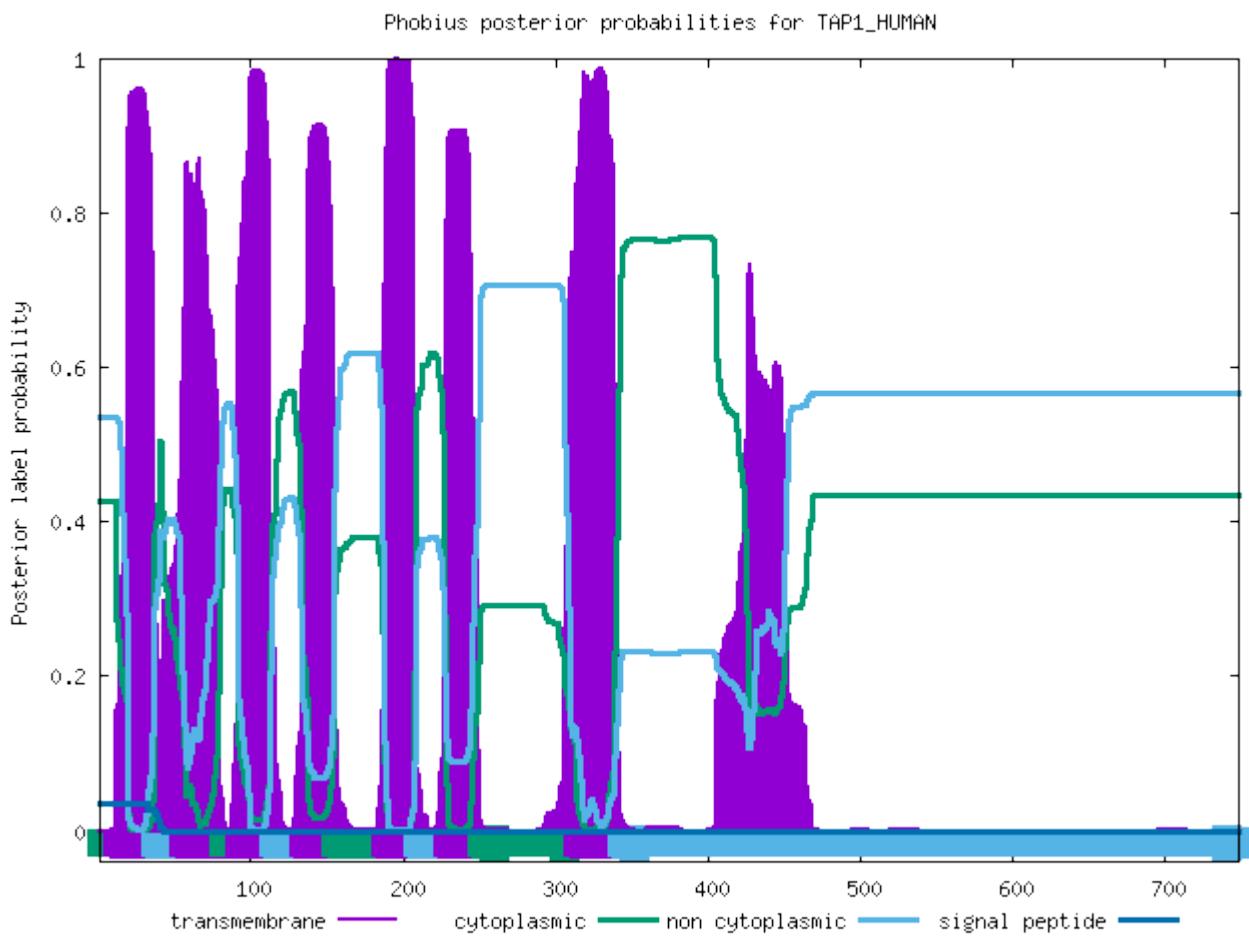
| ID | CFTR_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 71 | CYTOPLASMIC. |
| FT | TRANSMEM | 72 | 91 | |
| FT | TOPO_DOM | 92 | 118 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 143 | |
| FT | TOPO_DOM | 144 | 194 | CYTOPLASMIC. |
| FT | TRANSMEM | 195 | 215 | |
| FT | TOPO_DOM | 216 | 220 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 221 | 241 | |
| FT | TOPO_DOM | 242 | 303 | CYTOPLASMIC. |
| FT | TRANSMEM | 304 | 326 | |
| FT | TOPO_DOM | 327 | 331 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 332 | 350 | |
| FT | TOPO_DOM | 351 | 858 | CYTOPLASMIC. |
| FT | TRANSMEM | 859 | 883 | |
| FT | TOPO_DOM | 884 | 902 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 903 | 927 | |
| FT | TOPO_DOM | 928 | 985 | CYTOPLASMIC. |
| FT | TRANSMEM | 986 | 1008 | |
| FT | TOPO_DOM | 1009 | 1013 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1014 | 1033 | |
| FT | TOPO_DOM | 1034 | 1104 | CYTOPLASMIC. |
| FT | TRANSMEM | 1105 | 1123 | |
| FT | TOPO_DOM | 1124 | 1128 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1129 | 1147 | |
| FT | TOPO_DOM | 1148 | 1480 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TAP1_HUMAN

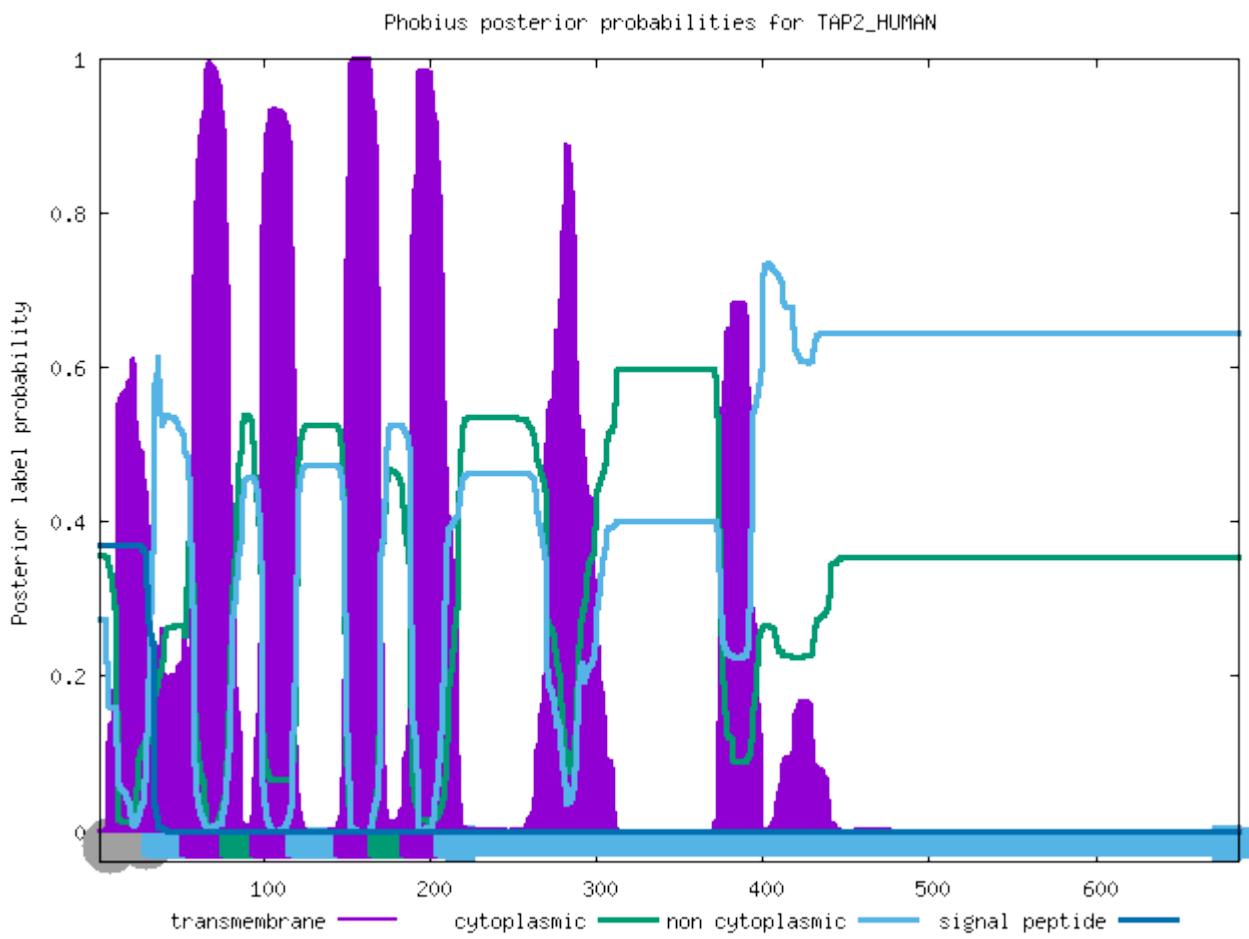
| ID | TAP1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 35 | |
| FT | TOPO_DOM | 36 | 54 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 80 | |
| FT | TOPO_DOM | 81 | 91 | CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 113 | |
| FT | TOPO_DOM | 114 | 132 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 133 | 154 | |
| FT | TOPO_DOM | 155 | 186 | CYTOPLASMIC. |
| FT | TRANSMEM | 187 | 208 | |
| FT | TOPO_DOM | 209 | 227 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 228 | 249 | |
| FT | TOPO_DOM | 250 | 313 | CYTOPLASMIC. |
| FT | TRANSMEM | 314 | 341 | |
| FT | TOPO_DOM | 342 | 748 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of TAP2_HUMAN

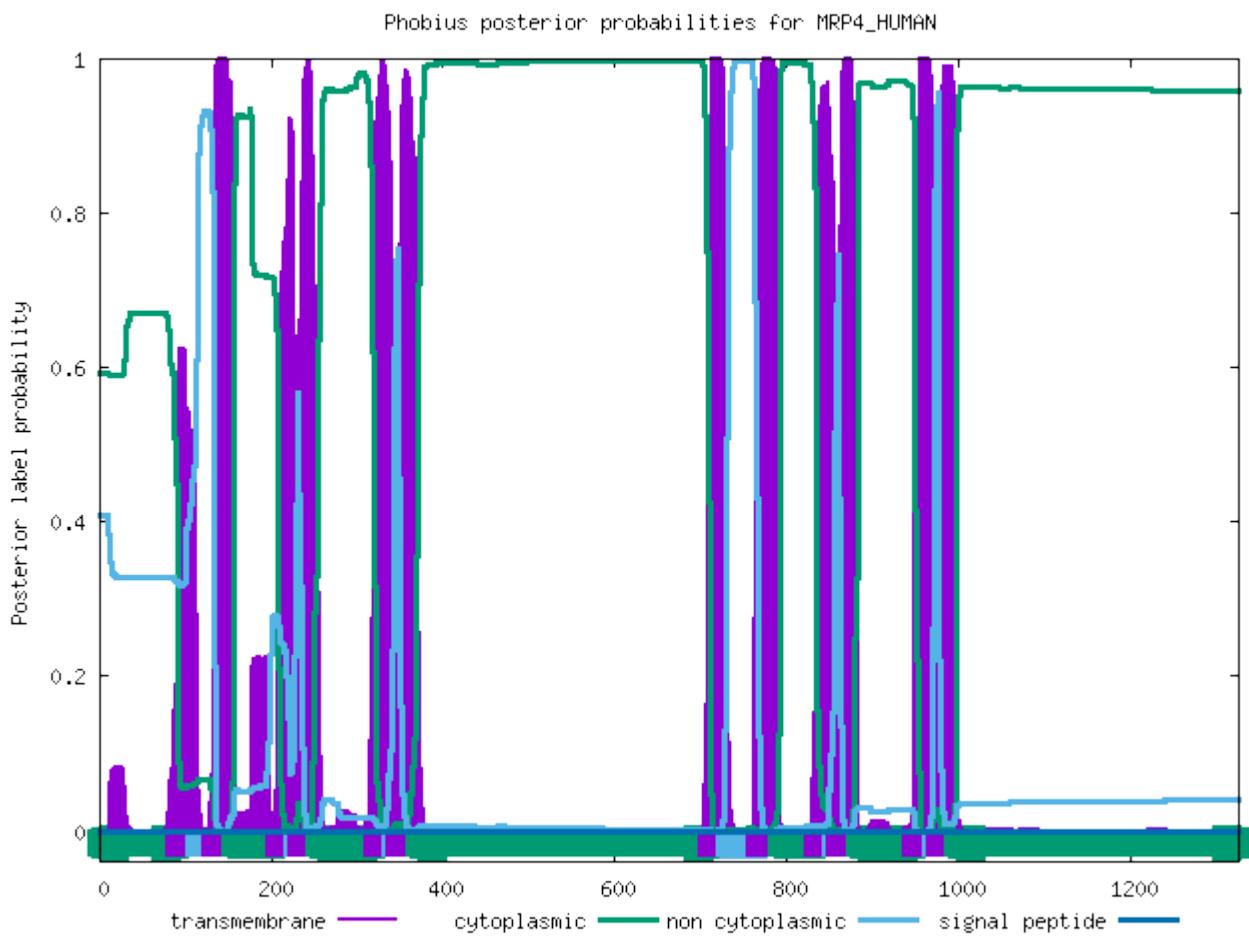
| ID | TAP2_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 32 | |
| FT | REGION | 1 | 11 | N-REGION. |
| FT | REGION | 12 | 23 | H-REGION. |
| FT | REGION | 24 | 32 | C-REGION. |
| FT | TOPO_DOM | 33 | 55 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 79 | |
| FT | TOPO_DOM | 80 | 98 | CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 119 | |
| FT | TOPO_DOM | 120 | 148 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 149 | 169 | |
| FT | TOPO_DOM | 170 | 188 | CYTOPLASMIC. |
| FT | TRANSMEM | 189 | 208 | |
| FT | TOPO_DOM | 209 | 686 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of MRP4_HUMAN

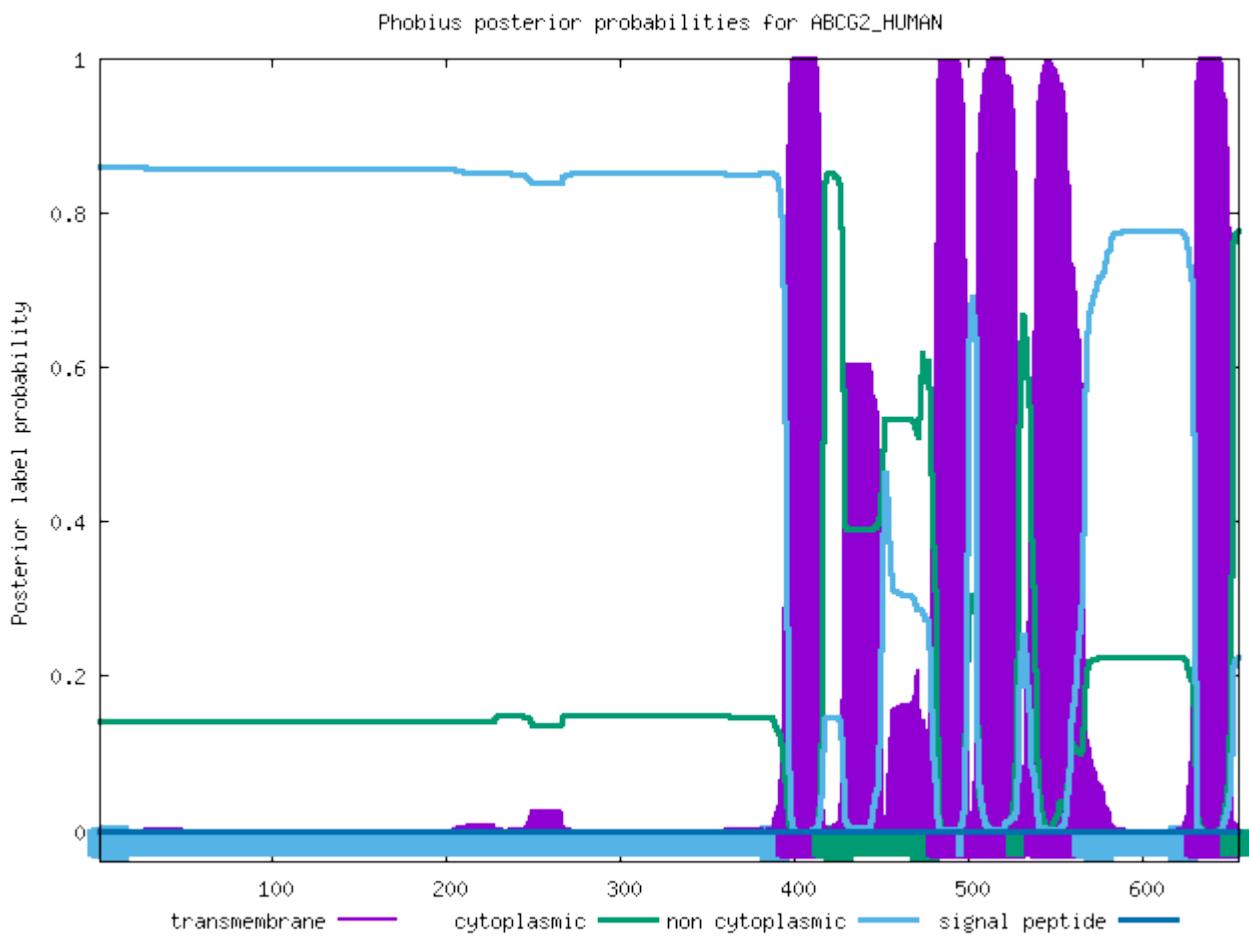
| ID | MRP4_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 91 | CYTOPLASMIC. |
| FT | TRANSMEM | 92 | 114 | |
| FT | TOPO_DOM | 115 | 133 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 134 | 157 | |
| FT | TOPO_DOM | 158 | 207 | CYTOPLASMIC. |
| FT | TRANSMEM | 208 | 227 | |
| FT | TOPO_DOM | 228 | 232 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 233 | 254 | |
| FT | TOPO_DOM | 255 | 320 | CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 342 | |
| FT | TOPO_DOM | 343 | 347 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 348 | 369 | |
| FT | TOPO_DOM | 370 | 710 | CYTOPLASMIC. |
| FT | TRANSMEM | 711 | 730 | |
| FT | TOPO_DOM | 731 | 766 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 767 | 791 | |
| FT | TOPO_DOM | 792 | 834 | CYTOPLASMIC. |
| FT | TRANSMEM | 835 | 854 | |
| FT | TOPO_DOM | 855 | 859 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 860 | 882 | |
| FT | TOPO_DOM | 883 | 947 | CYTOPLASMIC. |
| FT | TRANSMEM | 948 | 970 | |
| FT | TOPO_DOM | 971 | 975 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 976 | 997 | |
| FT | TOPO_DOM | 998 | 1325 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCG2_HUMAN

| ID | ABCG2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 395 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 396 | 416 | |
| FT | TOPO_DOM | 417 | 482 | CYTOPLASMIC. |
| FT | TRANSMEM | 483 | 499 | |
| FT | TOPO_DOM | 500 | 504 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 505 | 527 | |
| FT | TOPO_DOM | 528 | 538 | CYTOPLASMIC. |
| FT | TRANSMEM | 539 | 565 | |
| FT | TOPO_DOM | 566 | 630 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 631 | 650 | |
| FT | TOPO_DOM | 651 | 655 | CYTOPLASMIC. |
| // | | | | |

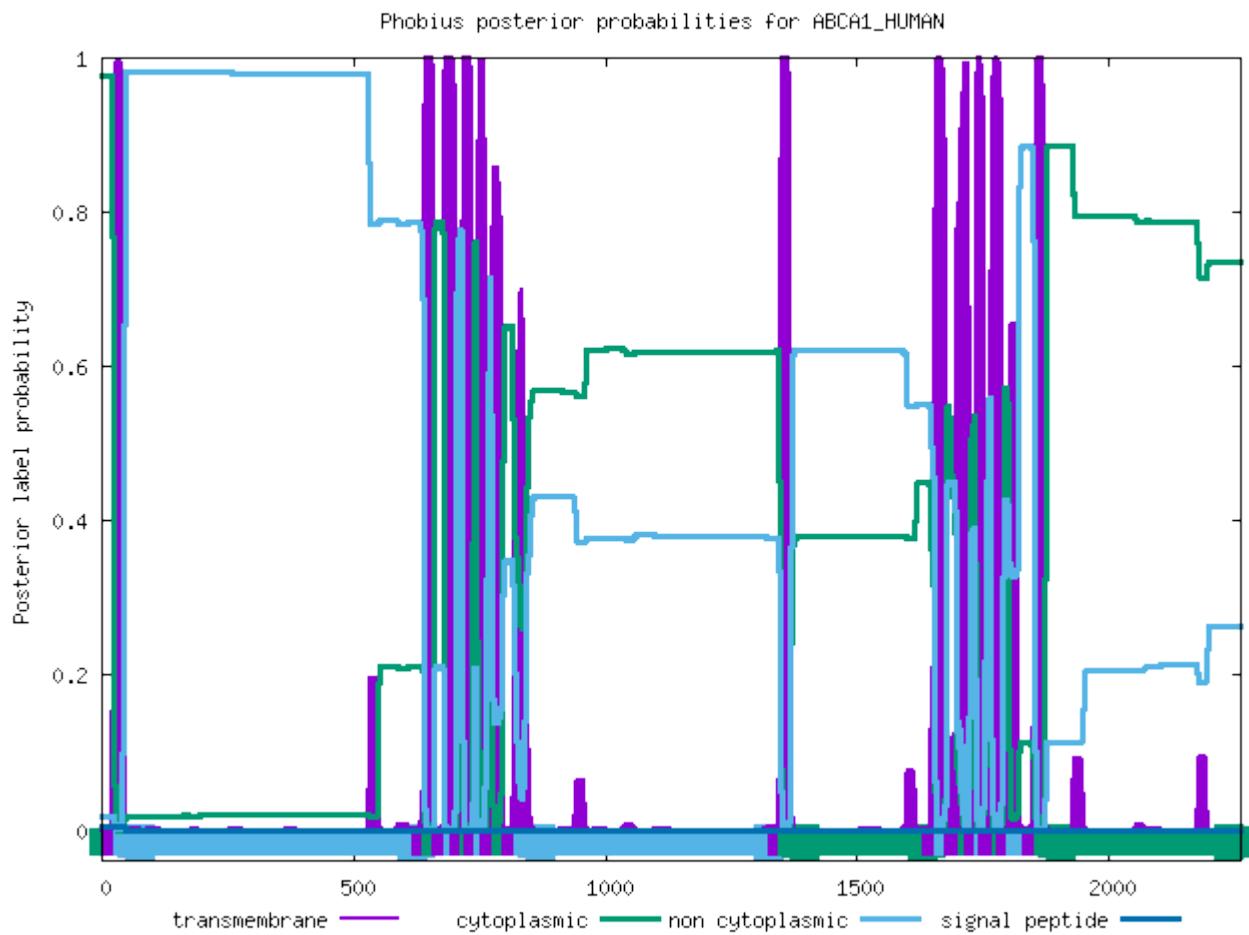


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCA1_HUMAN

| ID | ABCA1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 24 | CYTOPLASMIC. |
| FT | TRANSMEM | 25 | 46 | |
| FT | TOPO_DOM | 47 | 639 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 640 | 660 | |
| FT | TOPO_DOM | 661 | 679 | CYTOPLASMIC. |
| FT | TRANSMEM | 680 | 704 | |
| FT | TOPO_DOM | 705 | 715 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 716 | 736 | |
| FT | TOPO_DOM | 737 | 742 | CYTOPLASMIC. |
| FT | TRANSMEM | 743 | 763 | |
| FT | TOPO_DOM | 764 | 774 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 775 | 797 | |
| FT | TOPO_DOM | 798 | 817 | CYTOPLASMIC. |
| FT | TRANSMEM | 818 | 842 | |
| FT | TOPO_DOM | 843 | 1346 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1347 | 1368 | |
| FT | TOPO_DOM | 1369 | 1654 | CYTOPLASMIC. |
| FT | TRANSMEM | 1655 | 1677 | |
| FT | TOPO_DOM | 1678 | 1696 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1697 | 1723 | |
| FT | TOPO_DOM | 1724 | 1734 | CYTOPLASMIC. |
| FT | TRANSMEM | 1735 | 1754 | |
| FT | TOPO_DOM | 1755 | 1765 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1766 | 1790 | |
| FT | TOPO_DOM | 1791 | 1801 | CYTOPLASMIC. |
| FT | TRANSMEM | 1802 | 1820 | |
| FT | TOPO_DOM | 1821 | 1852 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1853 | 1875 | |

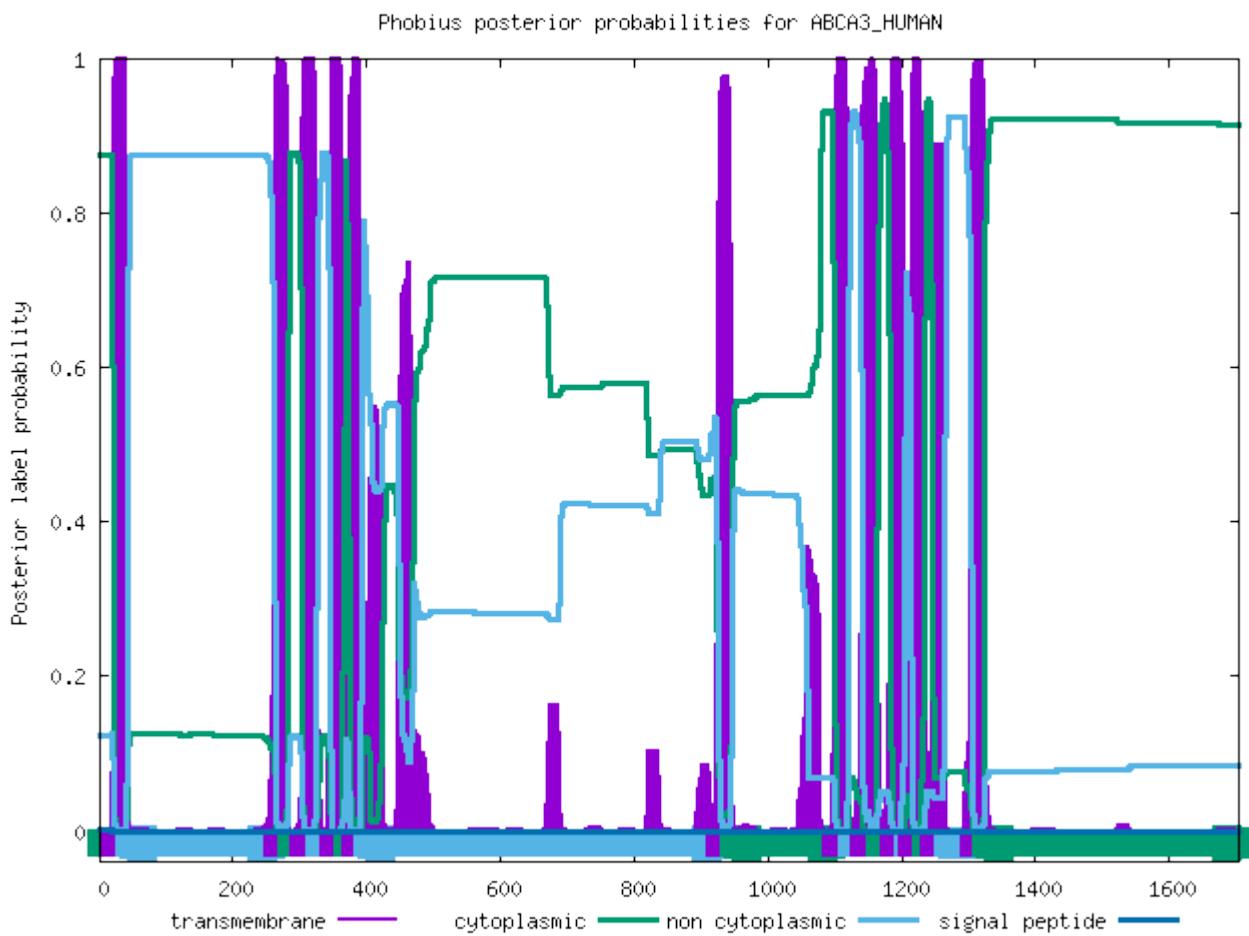
FT TOPO_DOM 1876 2261 CYTOPLASMIC.
//



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCA3_HUMAN

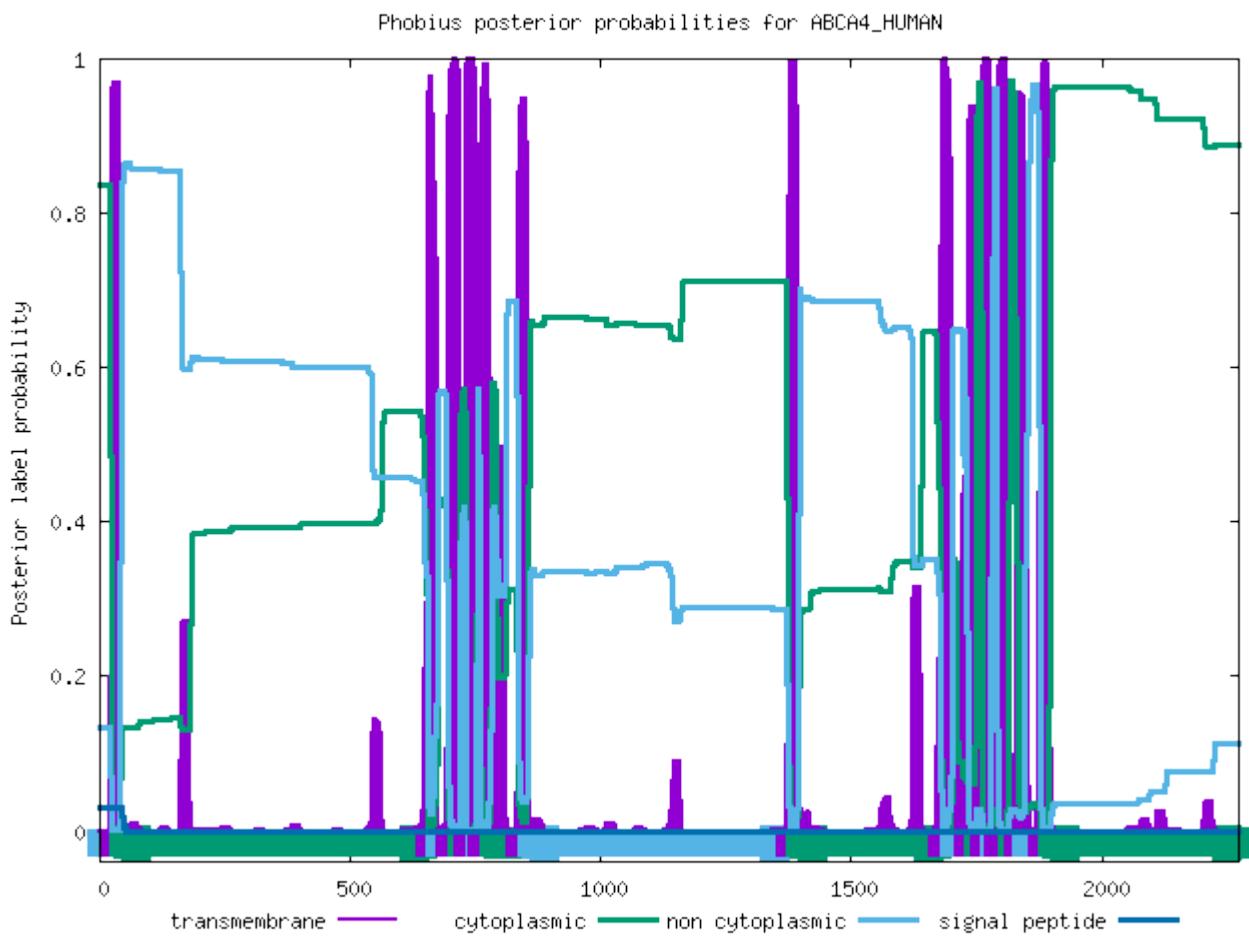
| ID | ABCA3_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 20 | CYTOPLASMIC. |
| FT | TRANSMEM | 21 | 42 | |
| FT | TOPO_DOM | 43 | 262 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 263 | 283 | |
| FT | TOPO_DOM | 284 | 302 | CYTOPLASMIC. |
| FT | TRANSMEM | 303 | 327 | |
| FT | TOPO_DOM | 328 | 346 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 347 | 368 | |
| FT | TOPO_DOM | 369 | 379 | CYTOPLASMIC. |
| FT | TRANSMEM | 380 | 398 | |
| FT | TOPO_DOM | 399 | 925 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 926 | 947 | |
| FT | TOPO_DOM | 948 | 1099 | CYTOPLASMIC. |
| FT | TRANSMEM | 1100 | 1121 | |
| FT | TOPO_DOM | 1122 | 1140 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1141 | 1164 | |
| FT | TOPO_DOM | 1165 | 1184 | CYTOPLASMIC. |
| FT | TRANSMEM | 1185 | 1207 | |
| FT | TOPO_DOM | 1208 | 1212 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1213 | 1233 | |
| FT | TOPO_DOM | 1234 | 1244 | CYTOPLASMIC. |
| FT | TRANSMEM | 1245 | 1265 | |
| FT | TOPO_DOM | 1266 | 1305 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1306 | 1324 | |
| FT | TOPO_DOM | 1325 | 1704 | CYTOPLASMIC. |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCA4_HUMAN

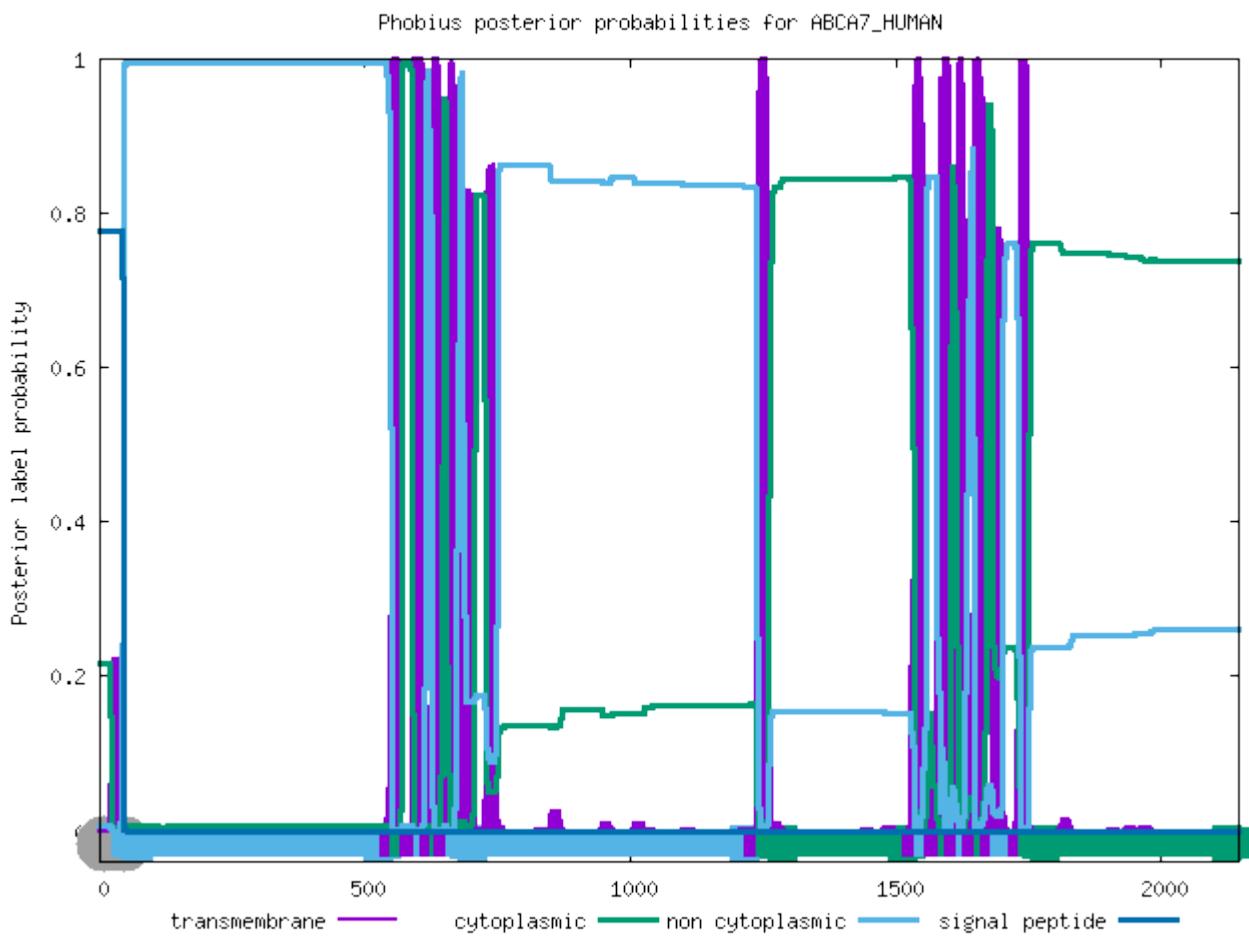
| ID | ABCA4_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 22 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 23 | 42 | |
| FT | TOPO_DOM | 43 | 653 | CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 674 | |
| FT | TOPO_DOM | 675 | 693 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 694 | 719 | |
| FT | TOPO_DOM | 720 | 730 | CYTOPLASMIC. |
| FT | TRANSMEM | 731 | 754 | |
| FT | TOPO_DOM | 755 | 759 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 760 | 782 | |
| FT | TOPO_DOM | 783 | 835 | CYTOPLASMIC. |
| FT | TRANSMEM | 836 | 857 | |
| FT | TOPO_DOM | 858 | 1372 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1373 | 1394 | |
| FT | TOPO_DOM | 1395 | 1679 | CYTOPLASMIC. |
| FT | TRANSMEM | 1680 | 1702 | |
| FT | TOPO_DOM | 1703 | 1727 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1728 | 1748 | |
| FT | TOPO_DOM | 1749 | 1759 | CYTOPLASMIC. |
| FT | TRANSMEM | 1760 | 1779 | |
| FT | TOPO_DOM | 1780 | 1790 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1791 | 1816 | |
| FT | TOPO_DOM | 1817 | 1827 | CYTOPLASMIC. |
| FT | TRANSMEM | 1828 | 1846 | |
| FT | TOPO_DOM | 1847 | 1878 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1879 | 1896 | |
| FT | TOPO_DOM | 1897 | 2273 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ABCA7_HUMAN

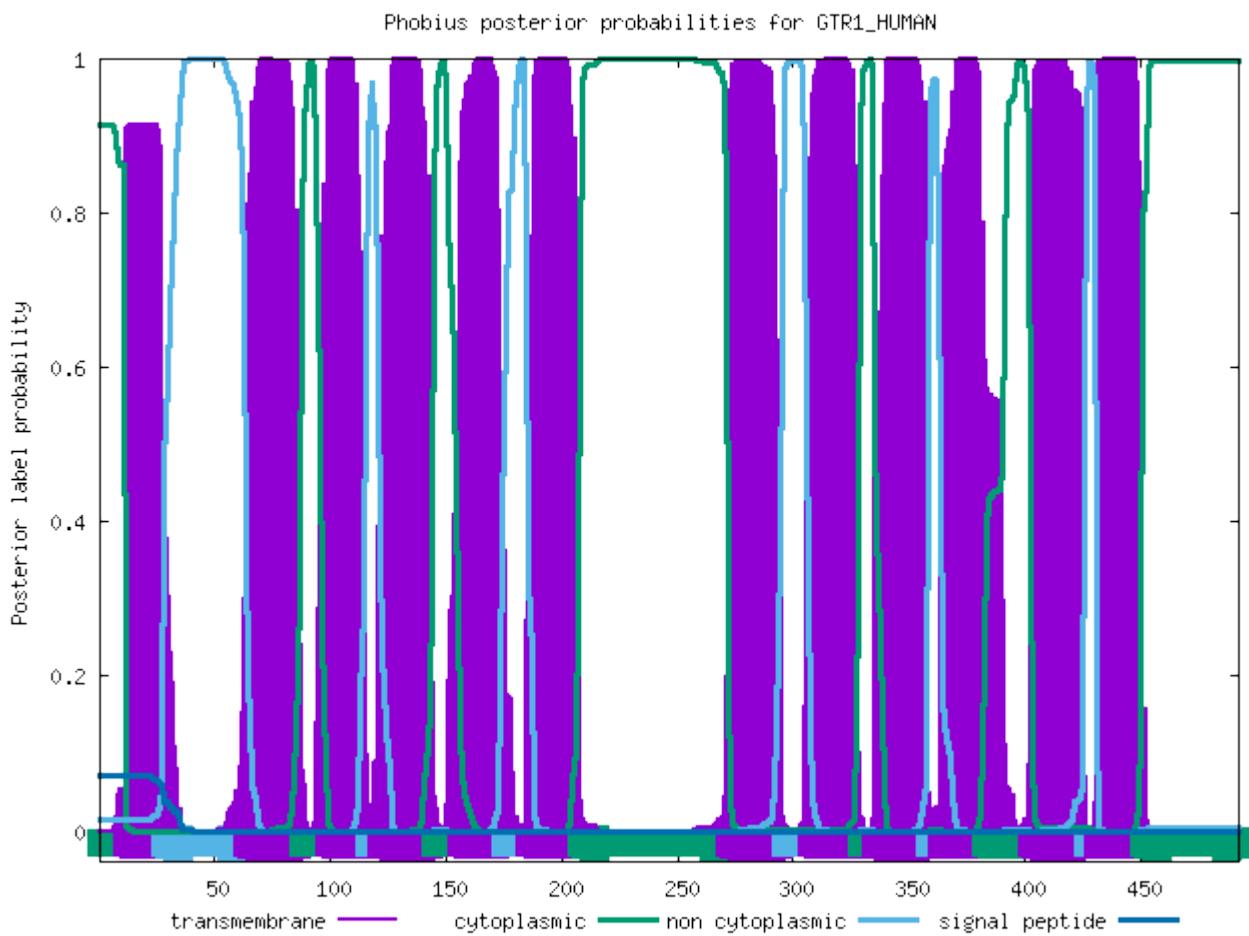
| ID | ABCA7_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | SIGNAL | 1 | 45 | |
| FT | REGION | 1 | 28 | N-REGION. |
| FT | REGION | 29 | 40 | H-REGION. |
| FT | REGION | 41 | 45 | C-REGION. |
| FT | TOPO_DOM | 46 | 549 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 550 | 570 | |
| FT | TOPO_DOM | 571 | 589 | CYTOPLASMIC. |
| FT | TRANSMEM | 590 | 614 | |
| FT | TOPO_DOM | 615 | 625 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 626 | 646 | |
| FT | TOPO_DOM | 647 | 652 | CYTOPLASMIC. |
| FT | TRANSMEM | 653 | 673 | |
| FT | TOPO_DOM | 674 | 1238 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1239 | 1260 | |
| FT | TOPO_DOM | 1261 | 1535 | CYTOPLASMIC. |
| FT | TRANSMEM | 1536 | 1558 | |
| FT | TOPO_DOM | 1559 | 1577 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1578 | 1604 | |
| FT | TOPO_DOM | 1605 | 1615 | CYTOPLASMIC. |
| FT | TRANSMEM | 1616 | 1635 | |
| FT | TOPO_DOM | 1636 | 1646 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1647 | 1671 | |
| FT | TOPO_DOM | 1672 | 1682 | CYTOPLASMIC. |
| FT | TRANSMEM | 1683 | 1701 | |
| FT | TOPO_DOM | 1702 | 1733 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1734 | 1752 | |
| FT | TOPO_DOM | 1753 | 2146 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GTR1_HUMAN

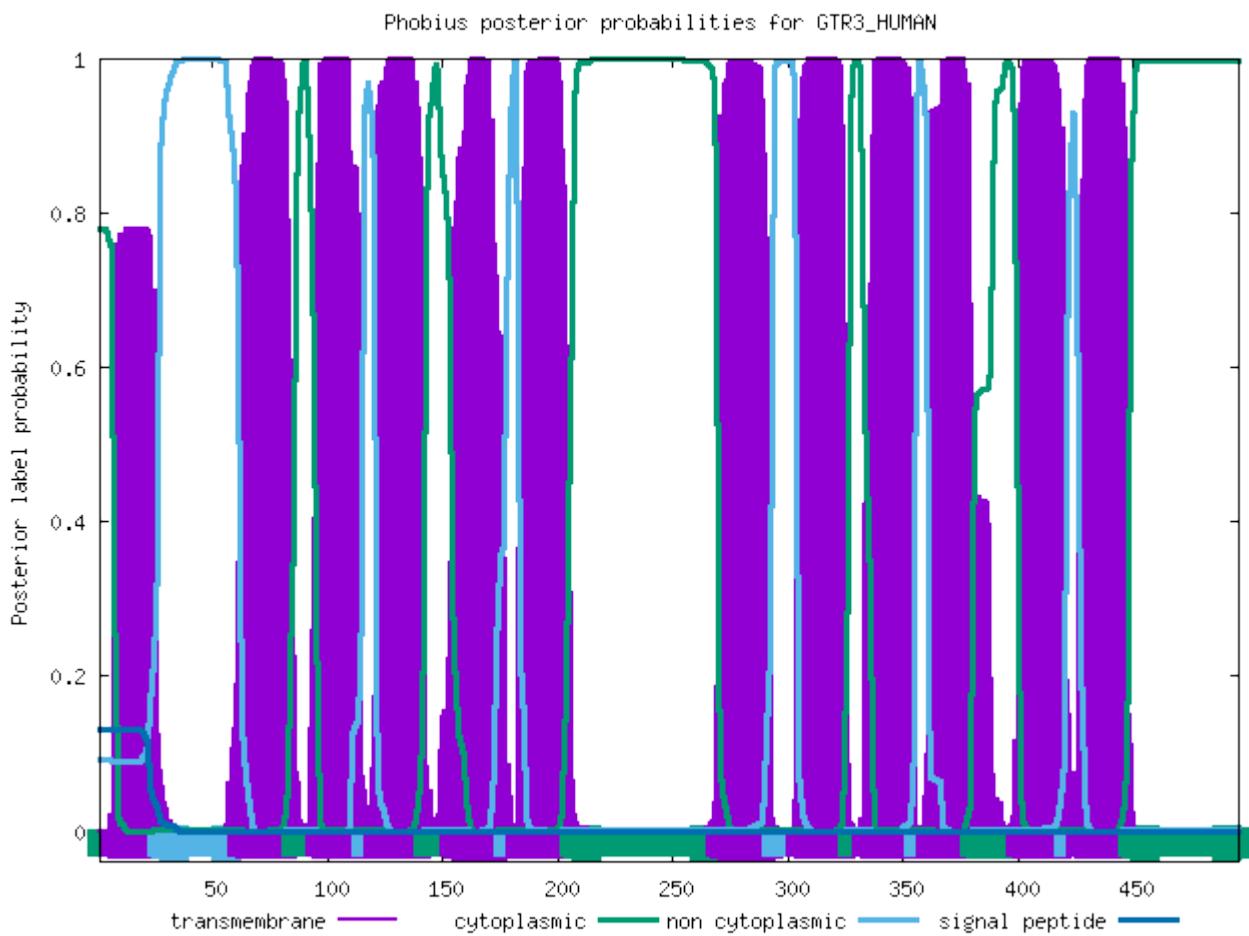
| ID | GTR1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 28 | |
| FT | TOPO_DOM | 29 | 63 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 87 | |
| FT | TOPO_DOM | 88 | 98 | CYTOPLASMIC. |
| FT | TRANSMEM | 99 | 116 | |
| FT | TOPO_DOM | 117 | 121 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 122 | 144 | |
| FT | TOPO_DOM | 145 | 155 | CYTOPLASMIC. |
| FT | TRANSMEM | 156 | 174 | |
| FT | TOPO_DOM | 175 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 207 | |
| FT | TOPO_DOM | 208 | 271 | CYTOPLASMIC. |
| FT | TRANSMEM | 272 | 295 | |
| FT | TOPO_DOM | 296 | 306 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 328 | |
| FT | TOPO_DOM | 329 | 334 | CYTOPLASMIC. |
| FT | TRANSMEM | 335 | 357 | |
| FT | TOPO_DOM | 358 | 362 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 363 | 381 | |
| FT | TOPO_DOM | 382 | 401 | CYTOPLASMIC. |
| FT | TRANSMEM | 402 | 425 | |
| FT | TOPO_DOM | 426 | 430 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 431 | 450 | |
| FT | TOPO_DOM | 451 | 492 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GTR3_HUMAN

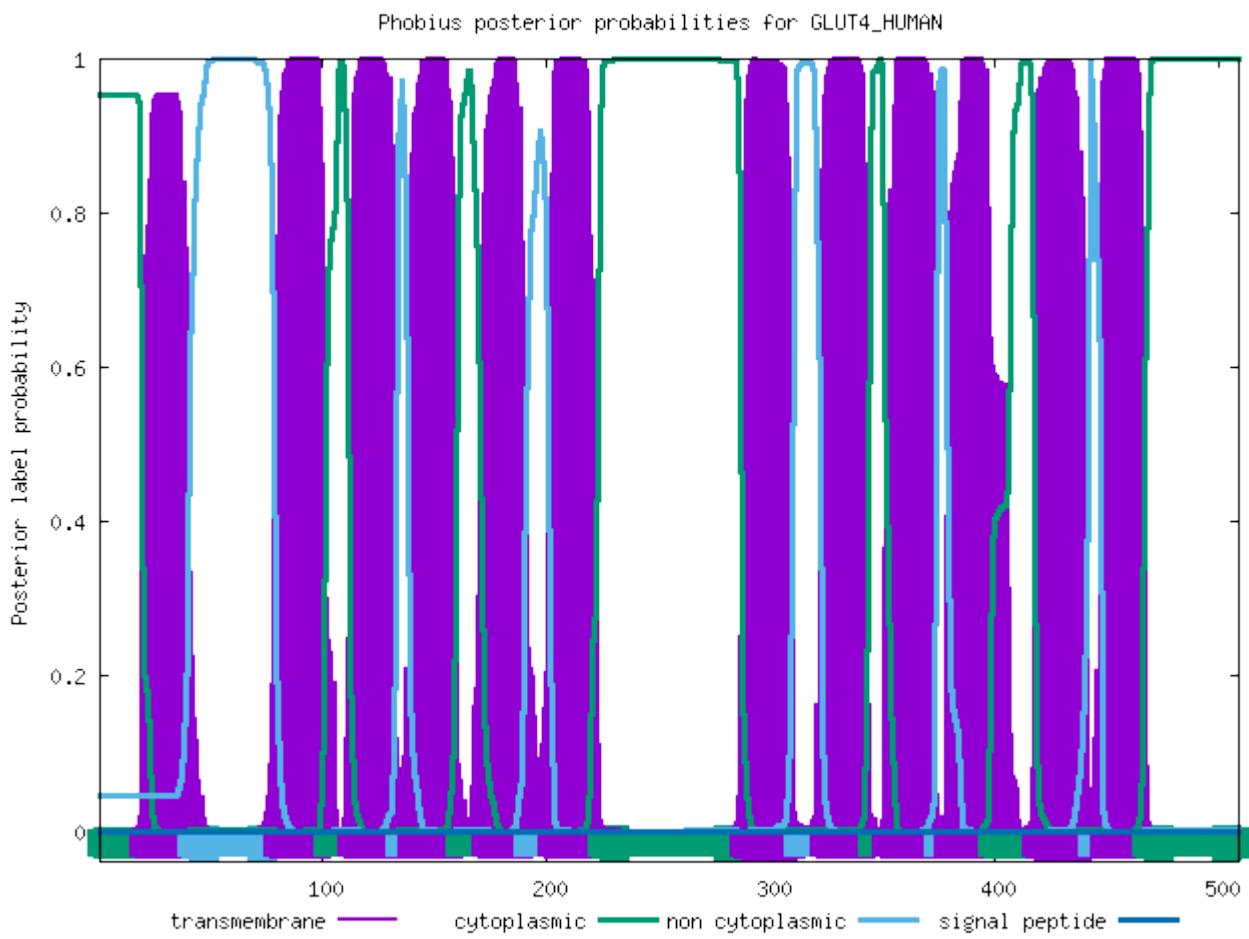
| ID | GTR3_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 6 | CYTOPLASMIC. |
| FT | TRANSMEM | 7 | 26 | |
| FT | TOPO_DOM | 27 | 61 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 84 | |
| FT | TOPO_DOM | 85 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 115 | |
| FT | TOPO_DOM | 116 | 120 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 121 | 142 | |
| FT | TOPO_DOM | 143 | 153 | CYTOPLASMIC. |
| FT | TRANSMEM | 154 | 177 | |
| FT | TOPO_DOM | 178 | 182 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 205 | |
| FT | TOPO_DOM | 206 | 269 | CYTOPLASMIC. |
| FT | TRANSMEM | 270 | 293 | |
| FT | TOPO_DOM | 294 | 304 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 305 | 326 | |
| FT | TOPO_DOM | 327 | 332 | CYTOPLASMIC. |
| FT | TRANSMEM | 333 | 355 | |
| FT | TOPO_DOM | 356 | 360 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 361 | 379 | |
| FT | TOPO_DOM | 380 | 399 | CYTOPLASMIC. |
| FT | TRANSMEM | 400 | 420 | |
| FT | TOPO_DOM | 421 | 425 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 426 | 448 | |
| FT | TOPO_DOM | 449 | 496 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of GLUT4_HUMAN

| ID | GLUT4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 40 | |
| FT | TOPO_DOM | 41 | 79 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 80 | 101 | |
| FT | TOPO_DOM | 102 | 112 | CYTOPLASMIC. |
| FT | TRANSMEM | 113 | 133 | |
| FT | TOPO_DOM | 134 | 138 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 139 | 160 | |
| FT | TOPO_DOM | 161 | 171 | CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 190 | |
| FT | TOPO_DOM | 191 | 201 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 223 | |
| FT | TOPO_DOM | 224 | 287 | CYTOPLASMIC. |
| FT | TRANSMEM | 288 | 311 | |
| FT | TOPO_DOM | 312 | 322 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 323 | 344 | |
| FT | TOPO_DOM | 345 | 350 | CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 373 | |
| FT | TOPO_DOM | 374 | 378 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 379 | 397 | |
| FT | TOPO_DOM | 398 | 417 | CYTOPLASMIC. |
| FT | TRANSMEM | 418 | 442 | |
| FT | TOPO_DOM | 443 | 447 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 448 | 466 | |
| FT | TOPO_DOM | 467 | 509 | CYTOPLASMIC. |
| // | | | | |

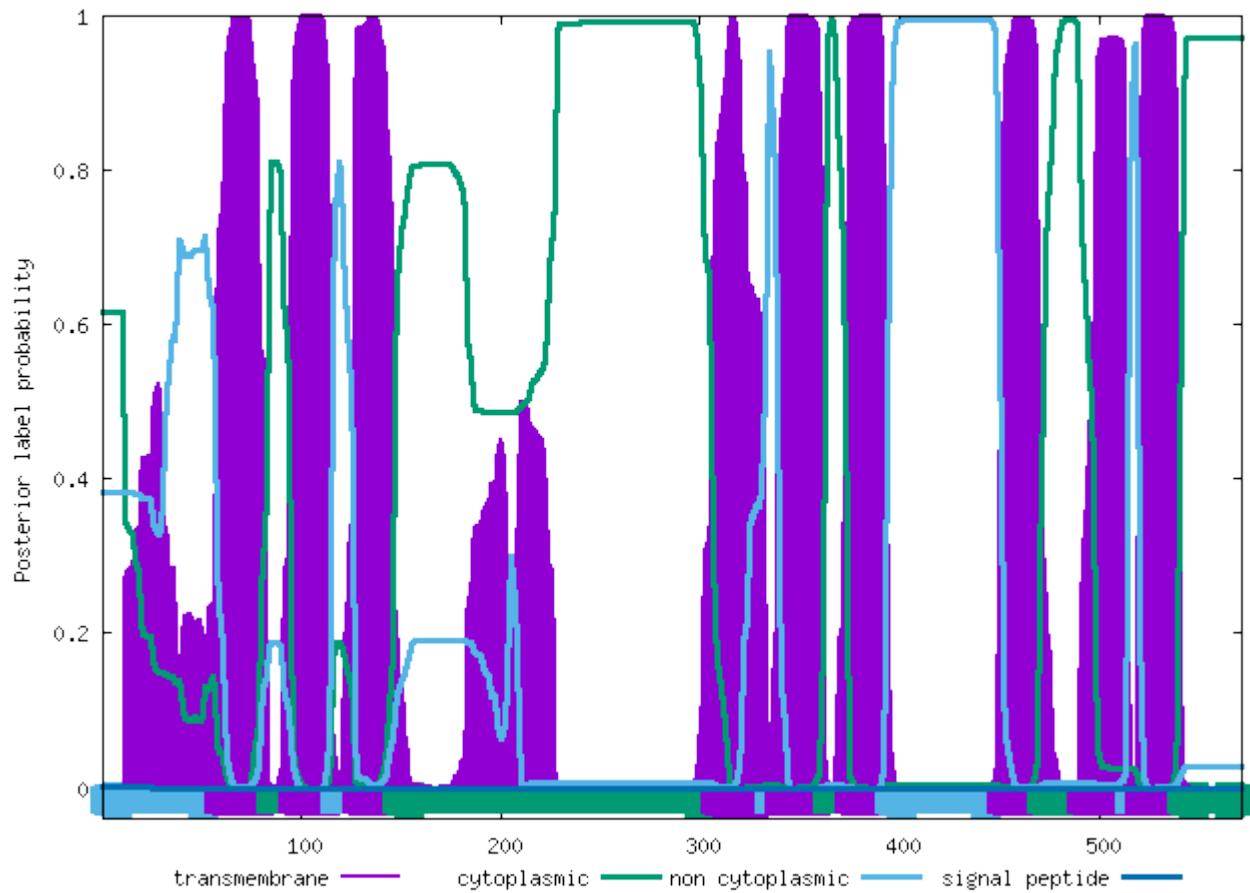


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of S40A1_HUMAN

| ID | S40A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 57 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 58 | 83 | |
| FT | TOPO_DOM | 84 | 94 | CYTOPLASMIC. |
| FT | TRANSMEM | 95 | 115 | |
| FT | TOPO_DOM | 116 | 126 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 127 | 146 | |
| FT | TOPO_DOM | 147 | 306 | CYTOPLASMIC. |
| FT | TRANSMEM | 307 | 333 | |
| FT | TOPO_DOM | 334 | 338 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 339 | 362 | |
| FT | TOPO_DOM | 363 | 373 | CYTOPLASMIC. |
| FT | TRANSMEM | 374 | 393 | |
| FT | TOPO_DOM | 394 | 449 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 450 | 469 | |
| FT | TOPO_DOM | 470 | 489 | CYTOPLASMIC. |
| FT | TRANSMEM | 490 | 513 | |
| FT | TOPO_DOM | 514 | 518 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 519 | 539 | |
| FT | TOPO_DOM | 540 | 571 | CYTOPLASMIC. |
| // | | | | |

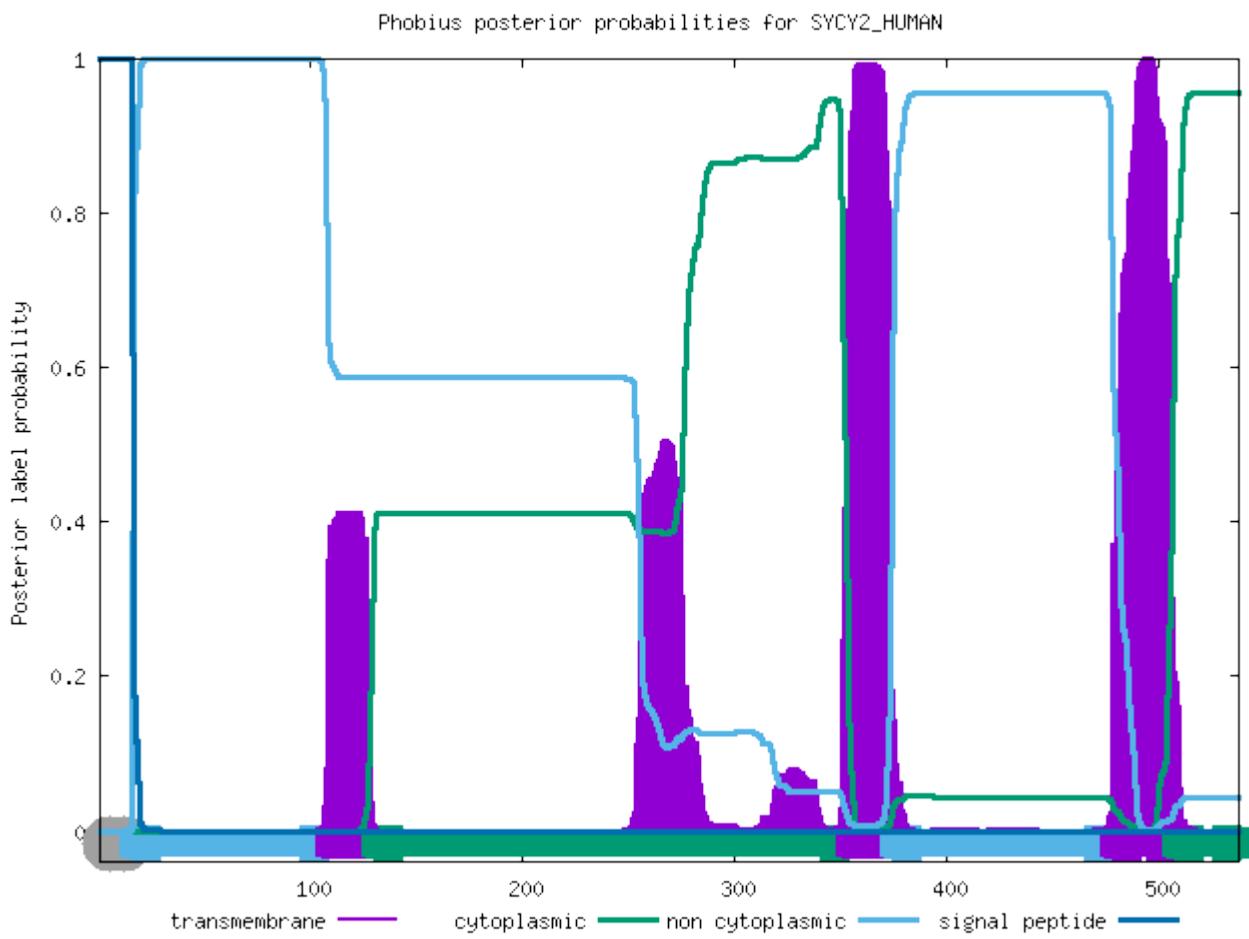
Phobius posterior probabilities for S40A1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SYCY2_HUMAN

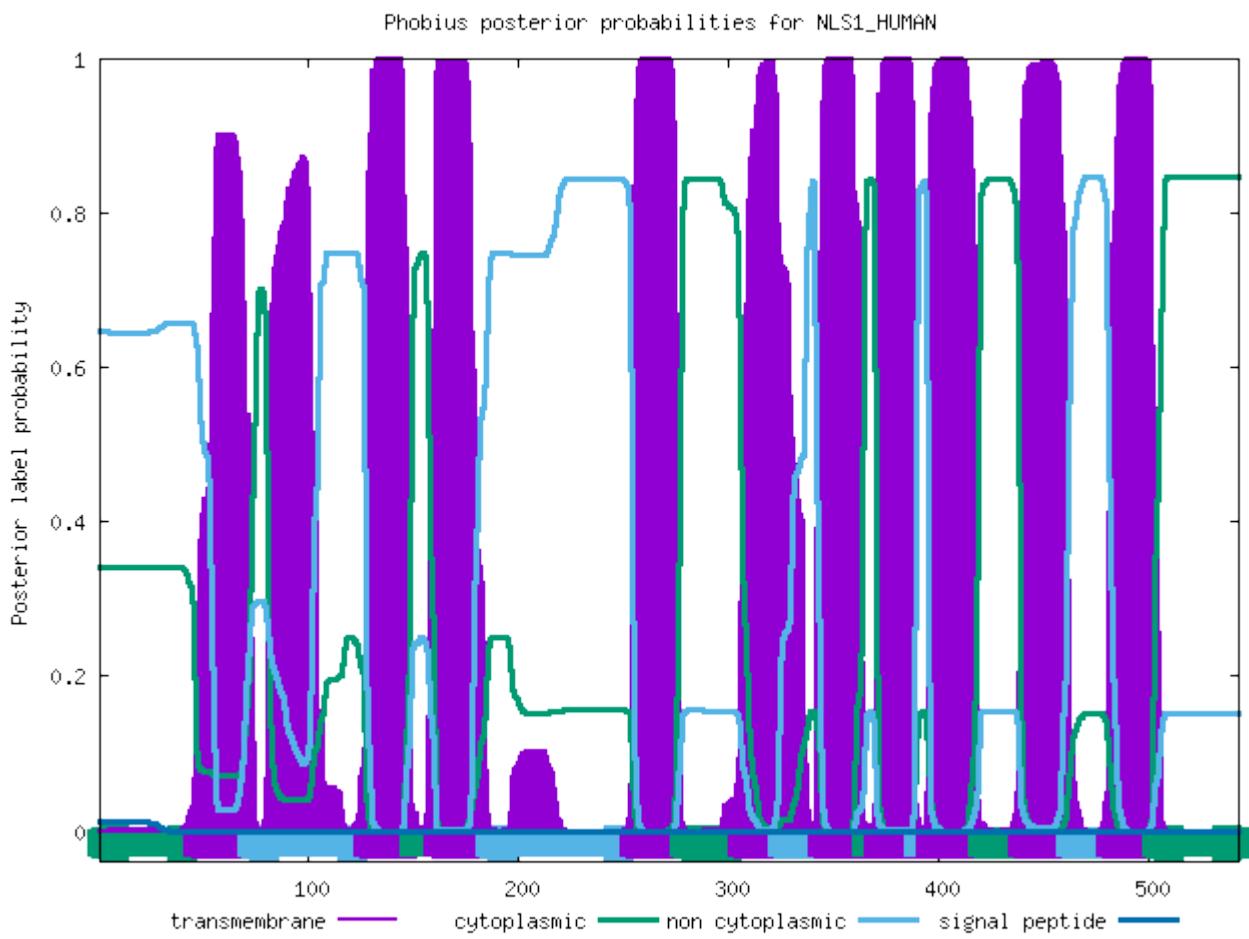
| ID | SYCY2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 15 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 10 | H-REGION. |
| FT | REGION | 11 | 15 | C-REGION. |
| FT | TOPO_DOM | 16 | 108 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 109 | 129 | |
| FT | TOPO_DOM | 130 | 353 | CYTOPLASMIC. |
| FT | TRANSMEM | 354 | 374 | |
| FT | TOPO_DOM | 375 | 478 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 479 | 507 | |
| FT | TOPO_DOM | 508 | 538 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NLS1_HUMAN

| ID | NLS1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 46 | CYTOPLASMIC. |
| FT | TRANSMEM | 47 | 71 | |
| FT | TOPO_DOM | 72 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 149 | |
| FT | TOPO_DOM | 150 | 160 | CYTOPLASMIC. |
| FT | TRANSMEM | 161 | 185 | |
| FT | TOPO_DOM | 186 | 253 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 254 | 277 | |
| FT | TOPO_DOM | 278 | 305 | CYTOPLASMIC. |
| FT | TRANSMEM | 306 | 324 | |
| FT | TOPO_DOM | 325 | 343 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 344 | 364 | |
| FT | TOPO_DOM | 365 | 370 | CYTOPLASMIC. |
| FT | TRANSMEM | 371 | 389 | |
| FT | TOPO_DOM | 390 | 394 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 395 | 419 | |
| FT | TOPO_DOM | 420 | 438 | CYTOPLASMIC. |
| FT | TRANSMEM | 439 | 461 | |
| FT | TOPO_DOM | 462 | 480 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 481 | 502 | |
| FT | TOPO_DOM | 503 | 543 | CYTOPLASMIC. |
| // | | | | |

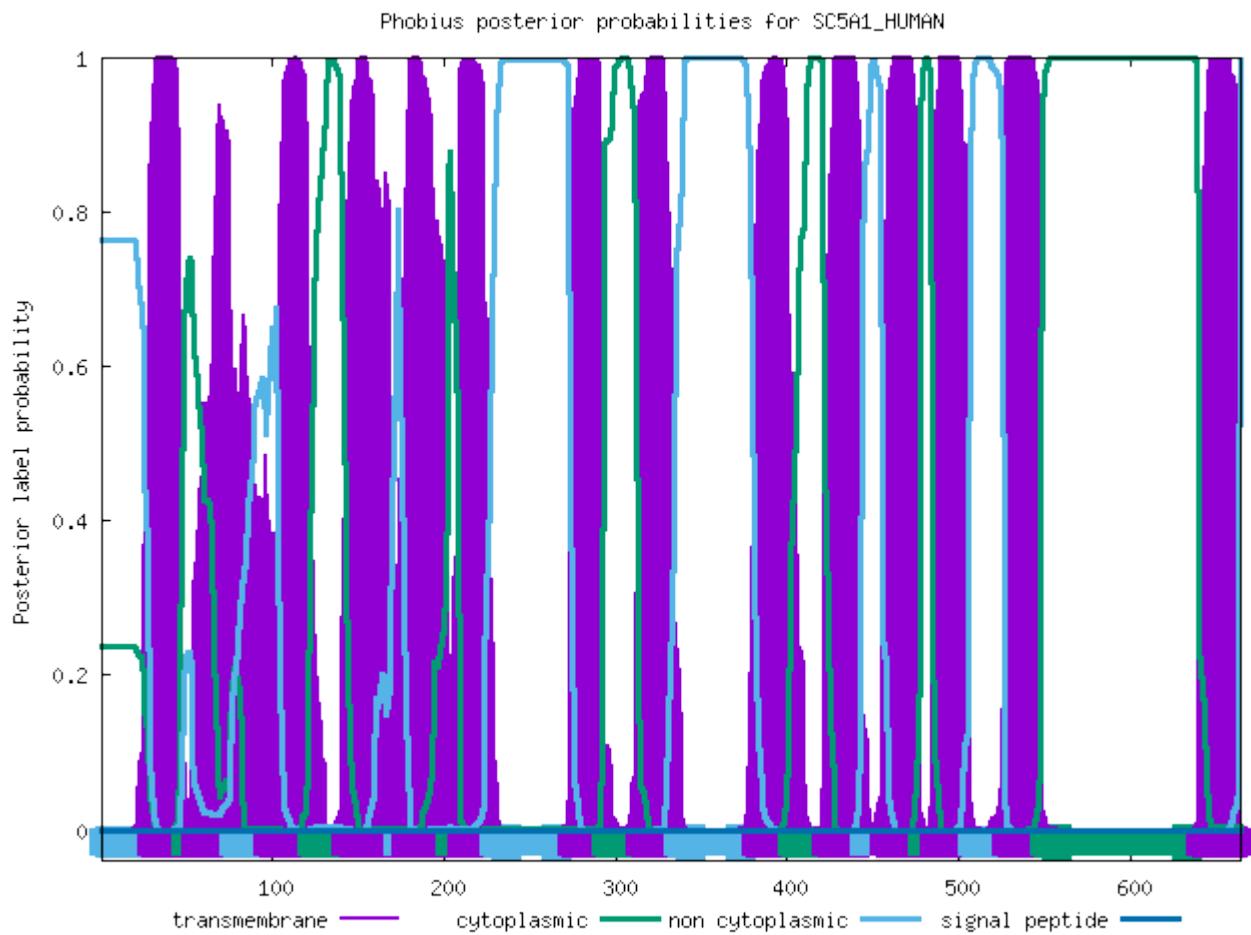


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC5A1_HUMAN

| ID | SC5A1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 48 | |
| FT | TOPO_DOM | 49 | 54 | CYTOPLASMIC. |
| FT | TRANSMEM | 55 | 76 | |
| FT | TOPO_DOM | 77 | 95 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 121 | |
| FT | TOPO_DOM | 122 | 141 | CYTOPLASMIC. |
| FT | TRANSMEM | 142 | 171 | |
| FT | TOPO_DOM | 172 | 176 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 177 | 202 | |
| FT | TOPO_DOM | 203 | 208 | CYTOPLASMIC. |
| FT | TRANSMEM | 209 | 227 | |
| FT | TOPO_DOM | 228 | 273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 292 | |
| FT | TOPO_DOM | 293 | 312 | CYTOPLASMIC. |
| FT | TRANSMEM | 313 | 334 | |
| FT | TOPO_DOM | 335 | 380 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 381 | 401 | |
| FT | TOPO_DOM | 402 | 421 | CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 443 | |
| FT | TOPO_DOM | 444 | 454 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 455 | 477 | |
| FT | TOPO_DOM | 478 | 483 | CYTOPLASMIC. |
| FT | TRANSMEM | 484 | 506 | |
| FT | TOPO_DOM | 507 | 525 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 526 | 548 | |
| FT | TOPO_DOM | 549 | 639 | CYTOPLASMIC. |
| FT | TRANSMEM | 640 | 663 | |

FT TOPO_DOM 664 664 NON CYTOPLASMIC.
//

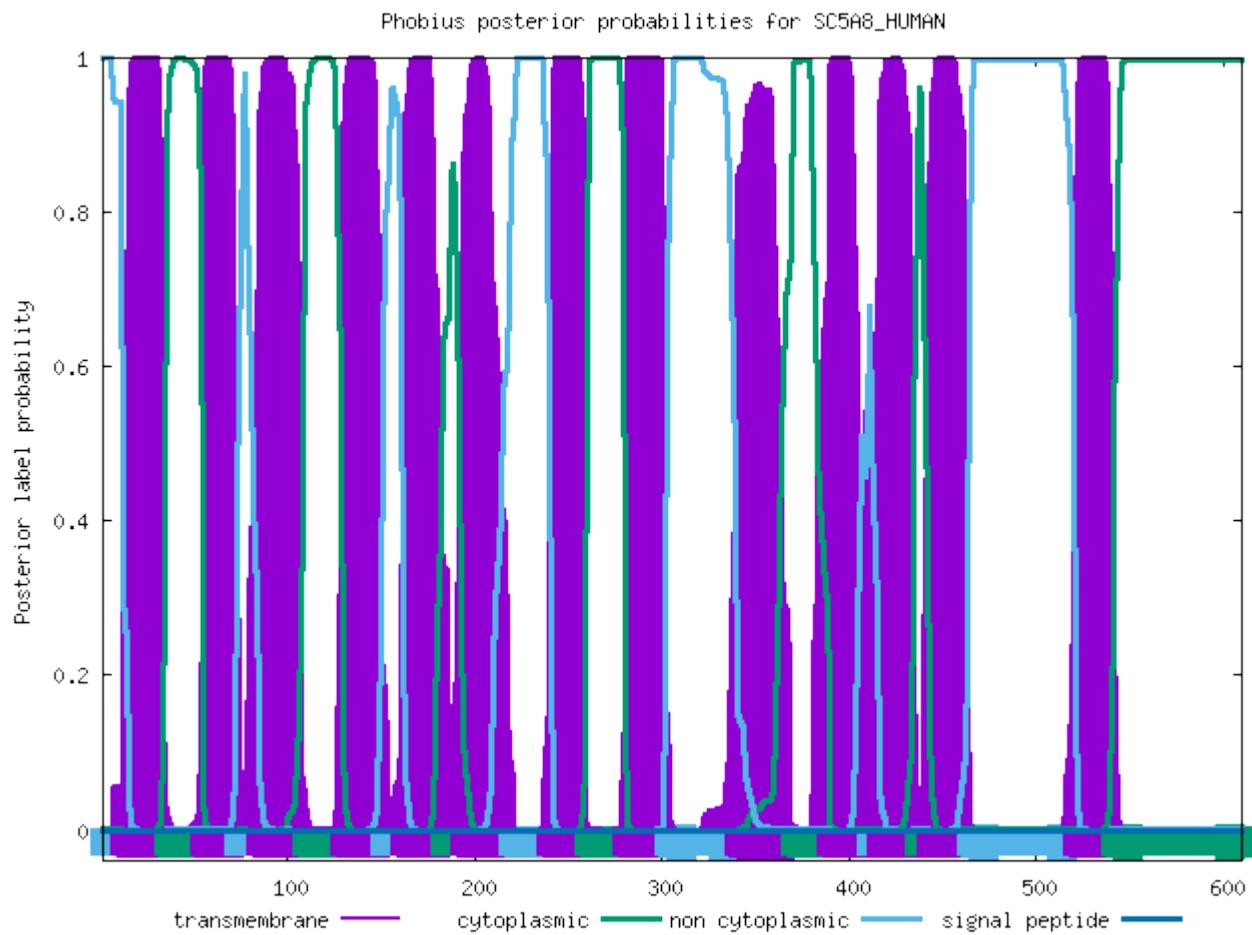


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC5A8_HUMAN

| ID | SC5A8_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 34 | |
| FT | TOPO_DOM | 35 | 53 | CYTOPLASMIC. |
| FT | TRANSMEM | 54 | 72 | |
| FT | TOPO_DOM | 73 | 83 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 108 | |
| FT | TOPO_DOM | 109 | 128 | CYTOPLASMIC. |
| FT | TRANSMEM | 129 | 150 | |
| FT | TOPO_DOM | 151 | 161 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 162 | 182 | |
| FT | TOPO_DOM | 183 | 193 | CYTOPLASMIC. |
| FT | TRANSMEM | 194 | 218 | |
| FT | TOPO_DOM | 219 | 239 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 240 | 259 | |
| FT | TOPO_DOM | 260 | 279 | CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 302 | |
| FT | TOPO_DOM | 303 | 339 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 369 | |
| FT | TOPO_DOM | 370 | 389 | CYTOPLASMIC. |
| FT | TRANSMEM | 390 | 410 | |
| FT | TOPO_DOM | 411 | 415 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 416 | 436 | |
| FT | TOPO_DOM | 437 | 442 | CYTOPLASMIC. |
| FT | TRANSMEM | 443 | 463 | |
| FT | TOPO_DOM | 464 | 520 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 521 | 541 | |

FT TOPO_DOM 542 610 CYTOPLASMIC.
//

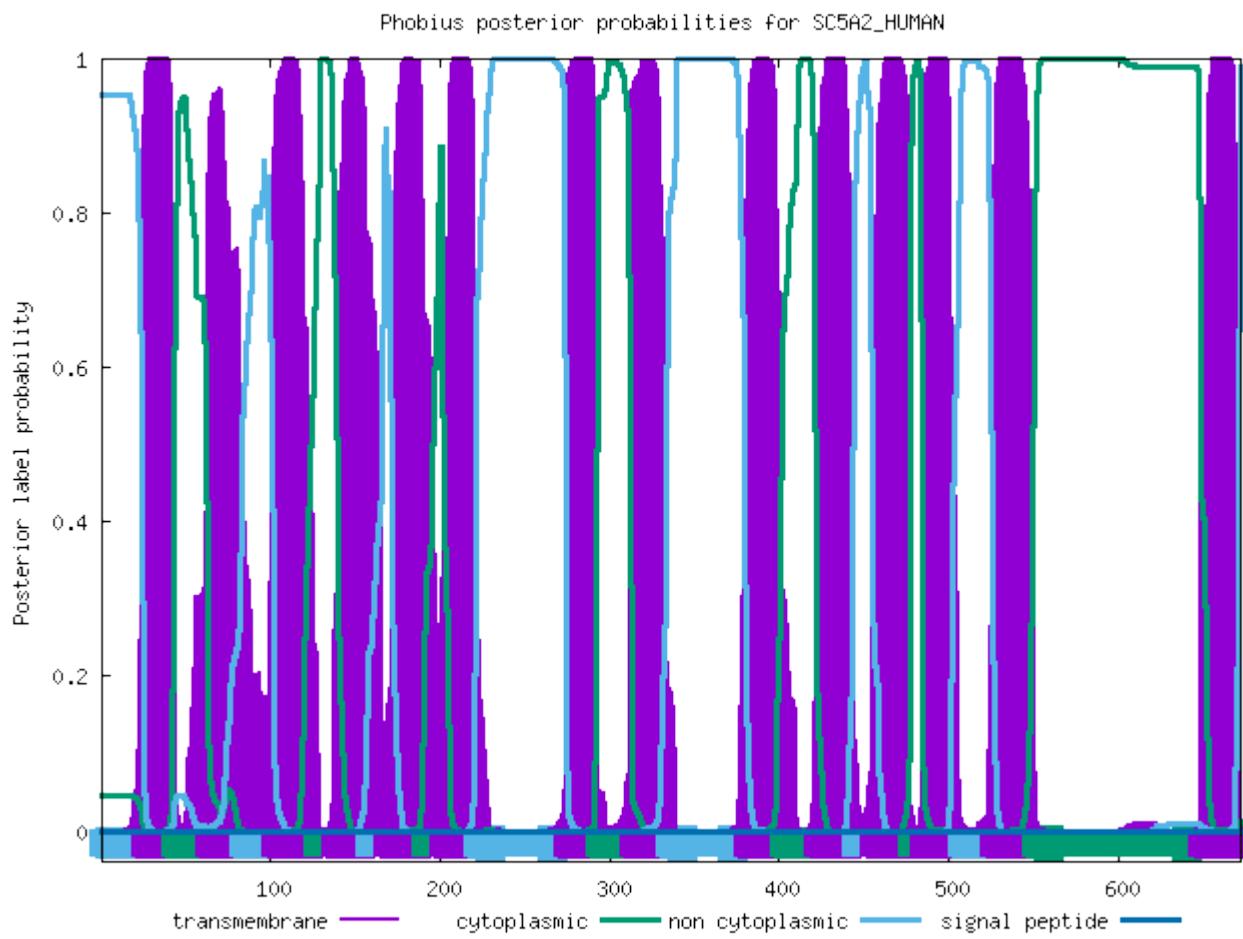


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SC5A2_HUMAN

| ID | SC5A2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 25 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 26 | 42 | |
| FT | TOPO_DOM | 43 | 62 | CYTOPLASMIC. |
| FT | TRANSMEM | 63 | 82 | |
| FT | TOPO_DOM | 83 | 101 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 102 | 126 | |
| FT | TOPO_DOM | 127 | 137 | CYTOPLASMIC. |
| FT | TRANSMEM | 138 | 157 | |
| FT | TOPO_DOM | 158 | 168 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 169 | 190 | |
| FT | TOPO_DOM | 191 | 201 | CYTOPLASMIC. |
| FT | TRANSMEM | 202 | 220 | |
| FT | TOPO_DOM | 221 | 273 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 274 | 292 | |
| FT | TOPO_DOM | 293 | 312 | CYTOPLASMIC. |
| FT | TRANSMEM | 313 | 334 | |
| FT | TOPO_DOM | 335 | 380 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 381 | 401 | |
| FT | TOPO_DOM | 402 | 421 | CYTOPLASMIC. |
| FT | TRANSMEM | 422 | 443 | |
| FT | TOPO_DOM | 444 | 454 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 455 | 477 | |
| FT | TOPO_DOM | 478 | 483 | CYTOPLASMIC. |
| FT | TRANSMEM | 484 | 506 | |
| FT | TOPO_DOM | 507 | 525 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 526 | 549 | |

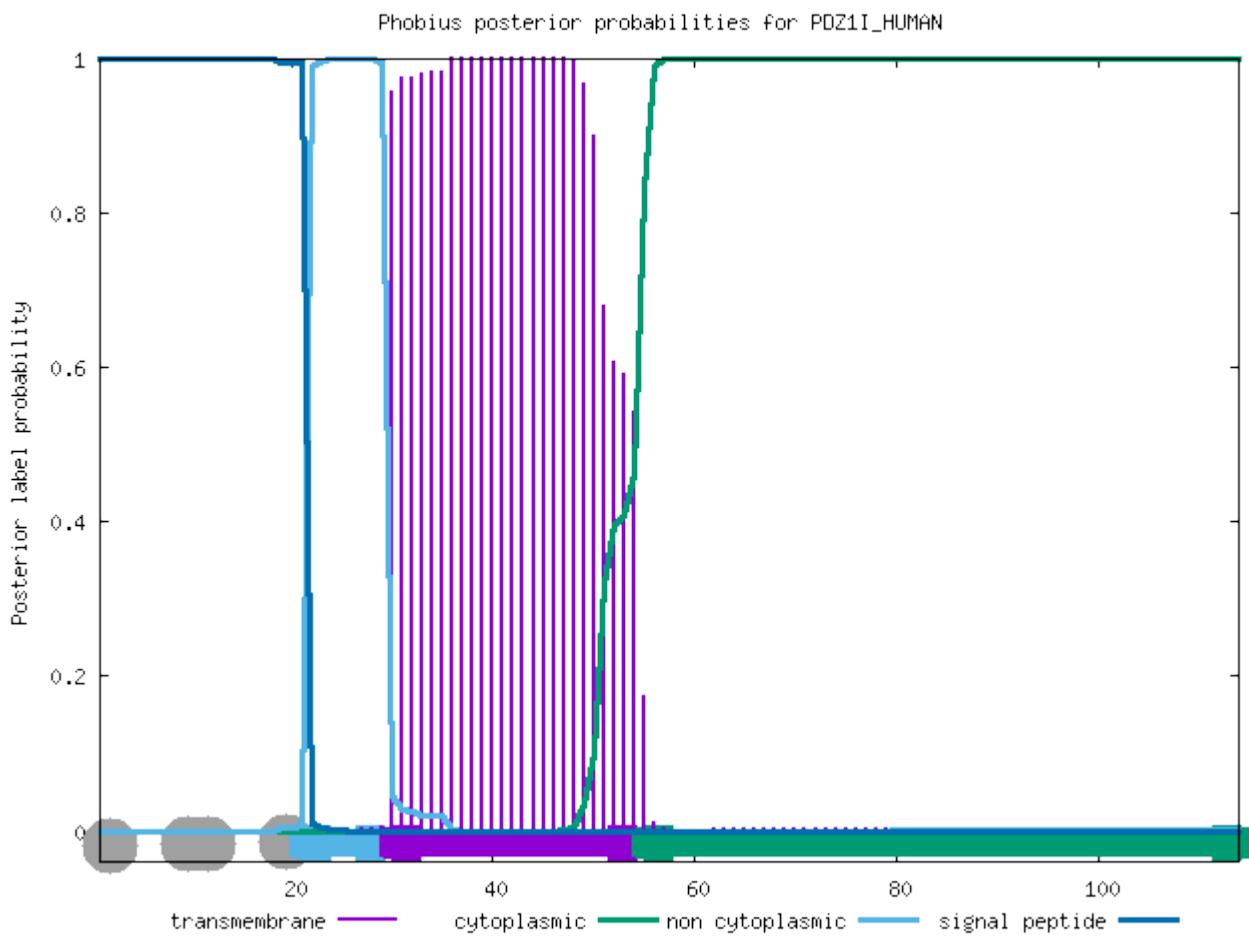
| | | | | |
|----|----------|-----|-----|------------------|
| FT | TOPO_DOM | 550 | 647 | CYTOPLASMIC. |
| FT | TRANSMEM | 648 | 671 | |
| FT | TOPO_DOM | 672 | 672 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PDZ1I_HUMAN

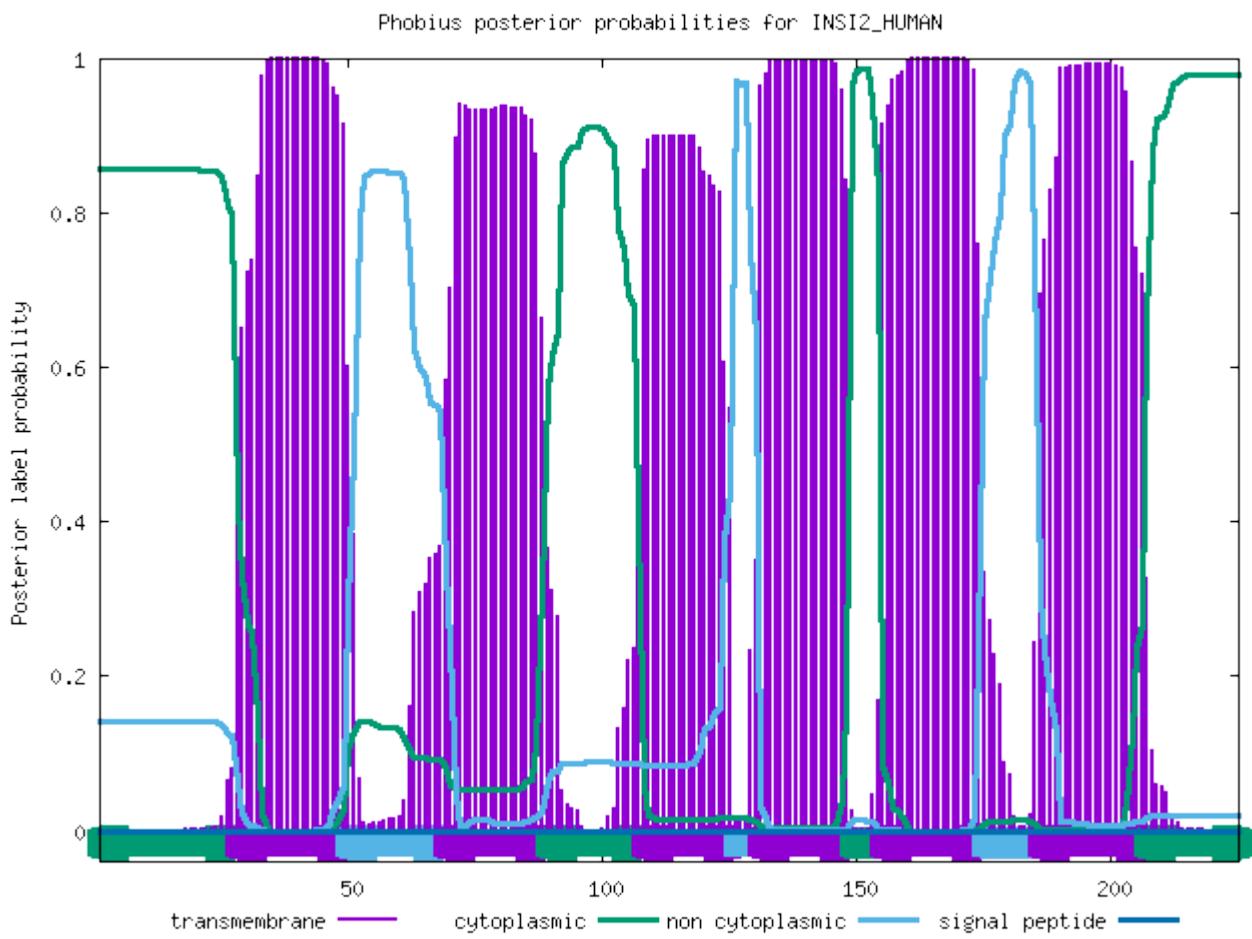
| | | | | |
|----|-------------|----|-----|------------------|
| ID | PDZ1I_HUMAN | | | |
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 29 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 54 | |
| FT | TOPO_DOM | 55 | 114 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of INSI2_HUMAN

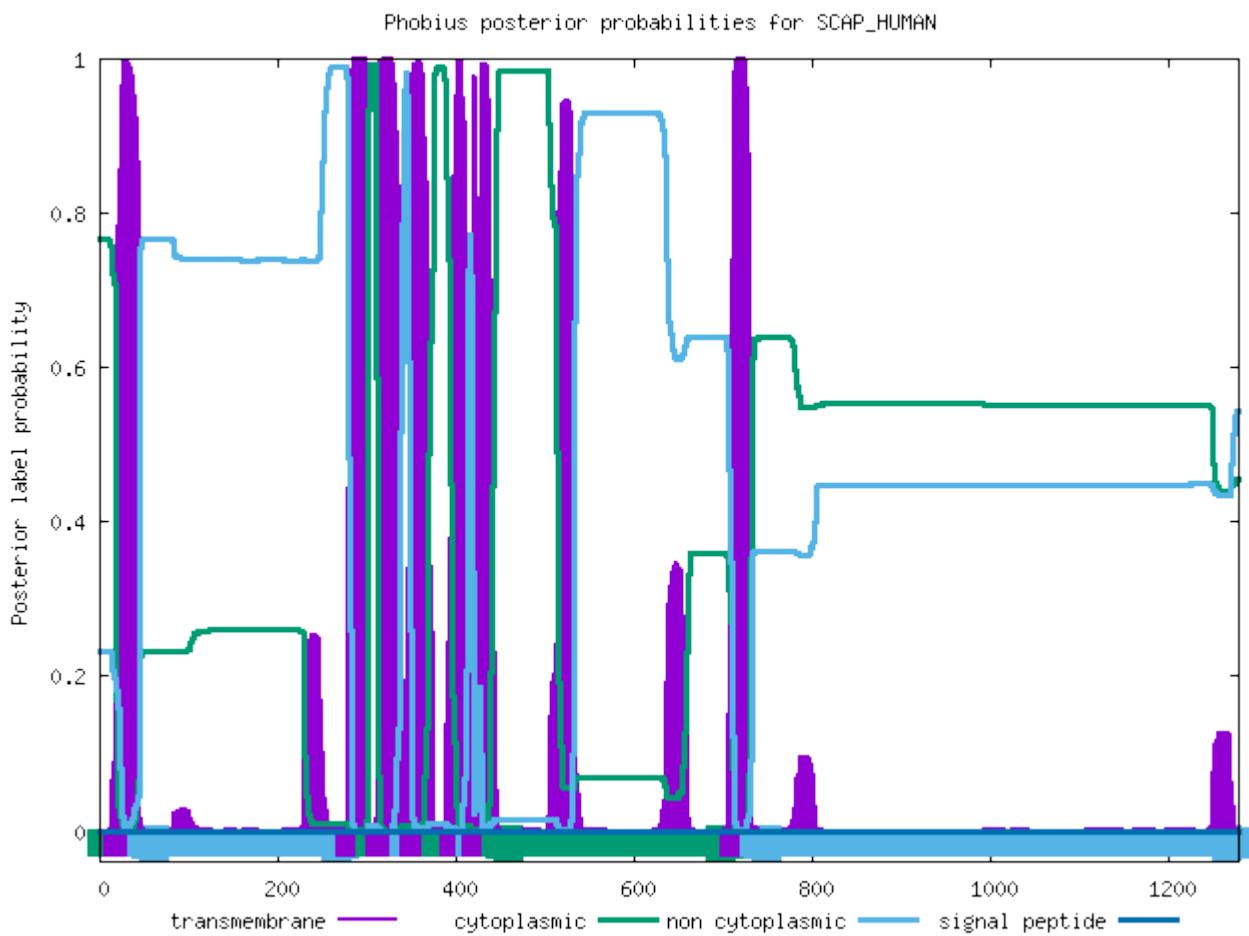
| ID | INSI2_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 27 | CYTOPLASMIC. |
| FT | TRANSMEM | 28 | 49 | |
| FT | TOPO_DOM | 50 | 68 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 88 | |
| FT | TOPO_DOM | 89 | 107 | CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 125 | |
| FT | TOPO_DOM | 126 | 130 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 131 | 148 | |
| FT | TOPO_DOM | 149 | 154 | CYTOPLASMIC. |
| FT | TRANSMEM | 155 | 174 | |
| FT | TOPO_DOM | 175 | 185 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 186 | 206 | |
| FT | TOPO_DOM | 207 | 225 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCAP_HUMAN

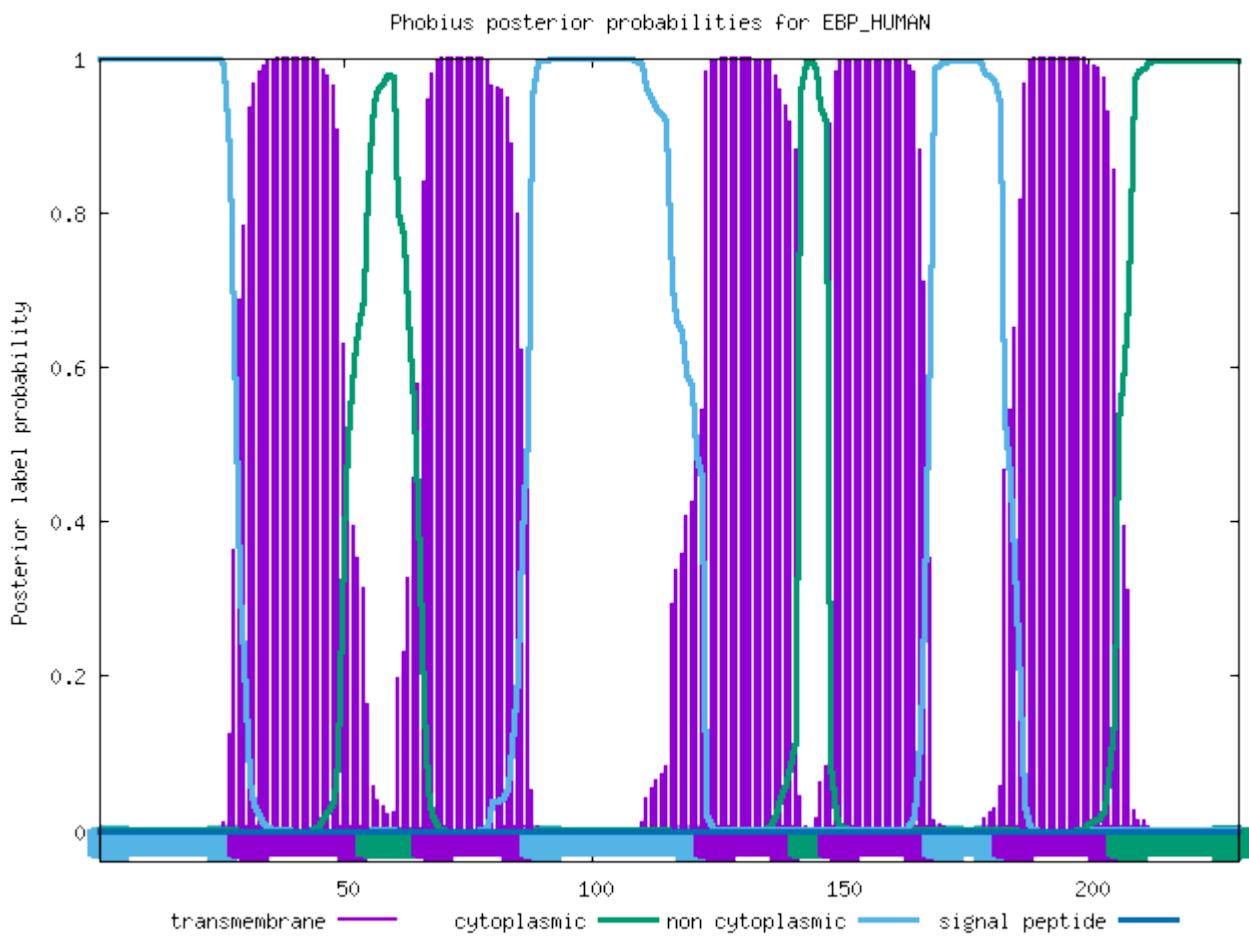
| ID | SCAP_HUMAN | | | |
|----|------------|-----|------|------------------|
| FT | TOPO_DOM | 1 | 19 | CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 45 | |
| FT | TOPO_DOM | 46 | 279 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 280 | 301 | |
| FT | TOPO_DOM | 302 | 312 | CYTOPLASMIC. |
| FT | TRANSMEM | 313 | 339 | |
| FT | TOPO_DOM | 340 | 350 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 375 | |
| FT | TOPO_DOM | 376 | 395 | CYTOPLASMIC. |
| FT | TRANSMEM | 396 | 414 | |
| FT | TOPO_DOM | 415 | 419 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 420 | 442 | |
| FT | TOPO_DOM | 443 | 710 | CYTOPLASMIC. |
| FT | TRANSMEM | 711 | 733 | |
| FT | TOPO_DOM | 734 | 1279 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of EBP_HUMAN

| ID | EBP_HUMAN | | | |
|----|-----------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 28 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 29 | 54 | |
| FT | TOPO_DOM | 55 | 65 | CYTOPLASMIC. |
| FT | TRANSMEM | 66 | 87 | |
| FT | TOPO_DOM | 88 | 122 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 123 | 141 | |
| FT | TOPO_DOM | 142 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 168 | |
| FT | TOPO_DOM | 169 | 182 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 183 | 205 | |
| FT | TOPO_DOM | 206 | 230 | CYTOPLASMIC. |
| // | | | | |

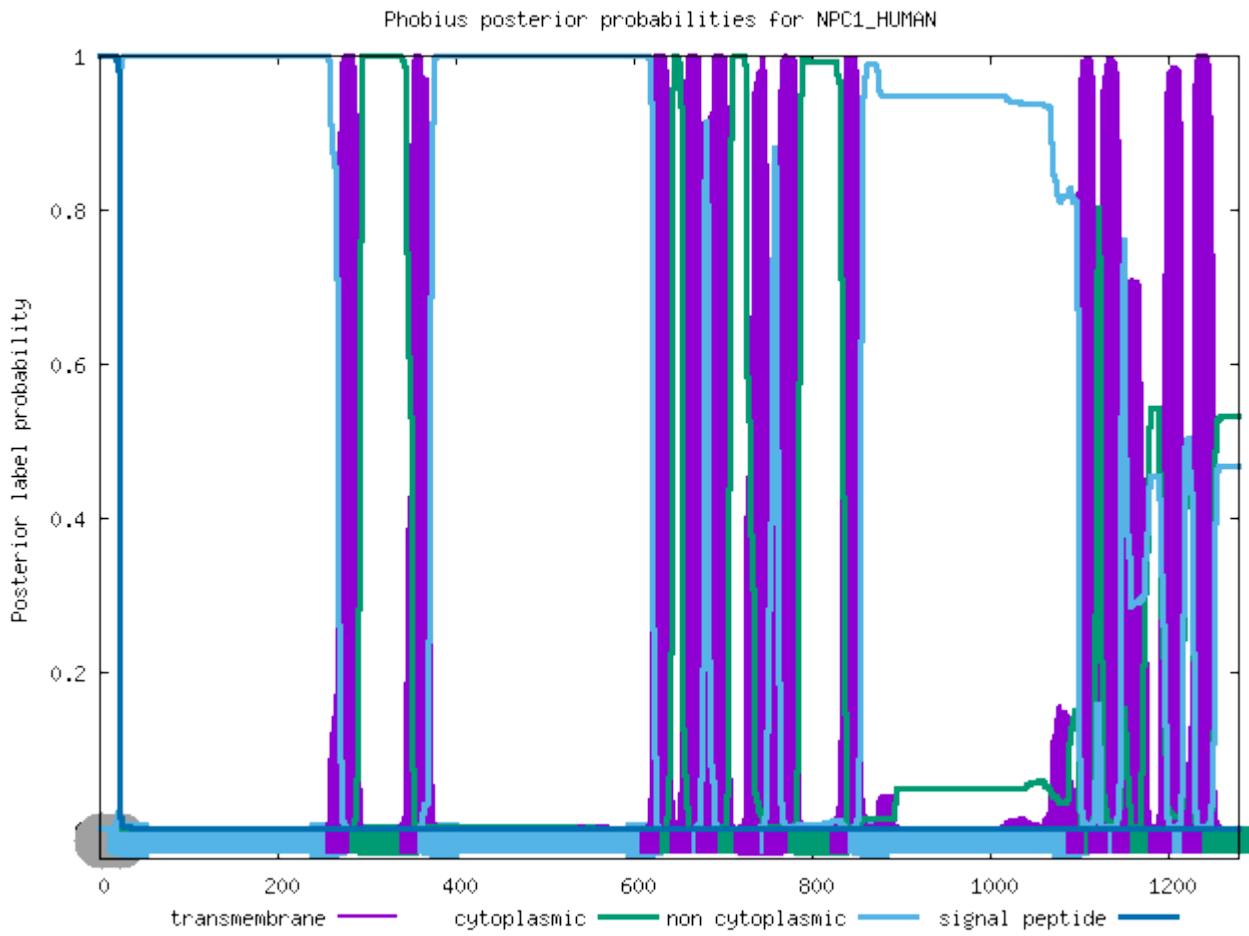


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPC1_HUMAN

| ID | NPC1_HUMAN | | | |
|----|------------|------|------|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 4 | N-REGION. |
| FT | REGION | 5 | 16 | H-REGION. |
| FT | REGION | 17 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 266 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 267 | 293 | |
| FT | TOPO_DOM | 294 | 350 | CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 371 | |
| FT | TOPO_DOM | 372 | 620 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 621 | 642 | |
| FT | TOPO_DOM | 643 | 653 | CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 678 | |
| FT | TOPO_DOM | 679 | 683 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 684 | 706 | |
| FT | TOPO_DOM | 707 | 726 | CYTOPLASMIC. |
| FT | TRANSMEM | 727 | 754 | |
| FT | TOPO_DOM | 755 | 759 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 760 | 785 | |
| FT | TOPO_DOM | 786 | 832 | CYTOPLASMIC. |
| FT | TRANSMEM | 833 | 853 | |
| FT | TOPO_DOM | 854 | 1098 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1099 | 1117 | |
| FT | TOPO_DOM | 1118 | 1123 | CYTOPLASMIC. |
| FT | TRANSMEM | 1124 | 1145 | |
| FT | TOPO_DOM | 1146 | 1150 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1151 | 1169 | |
| FT | TOPO_DOM | 1170 | 1189 | CYTOPLASMIC. |
| FT | TRANSMEM | 1190 | 1216 | |
| FT | TOPO_DOM | 1217 | 1227 | NON CYTOPLASMIC. |

FT TRANSMEM 1228 1251
 FT TOPO_DOM 1252 1278 CYTOPLASMIC.
 //
 //



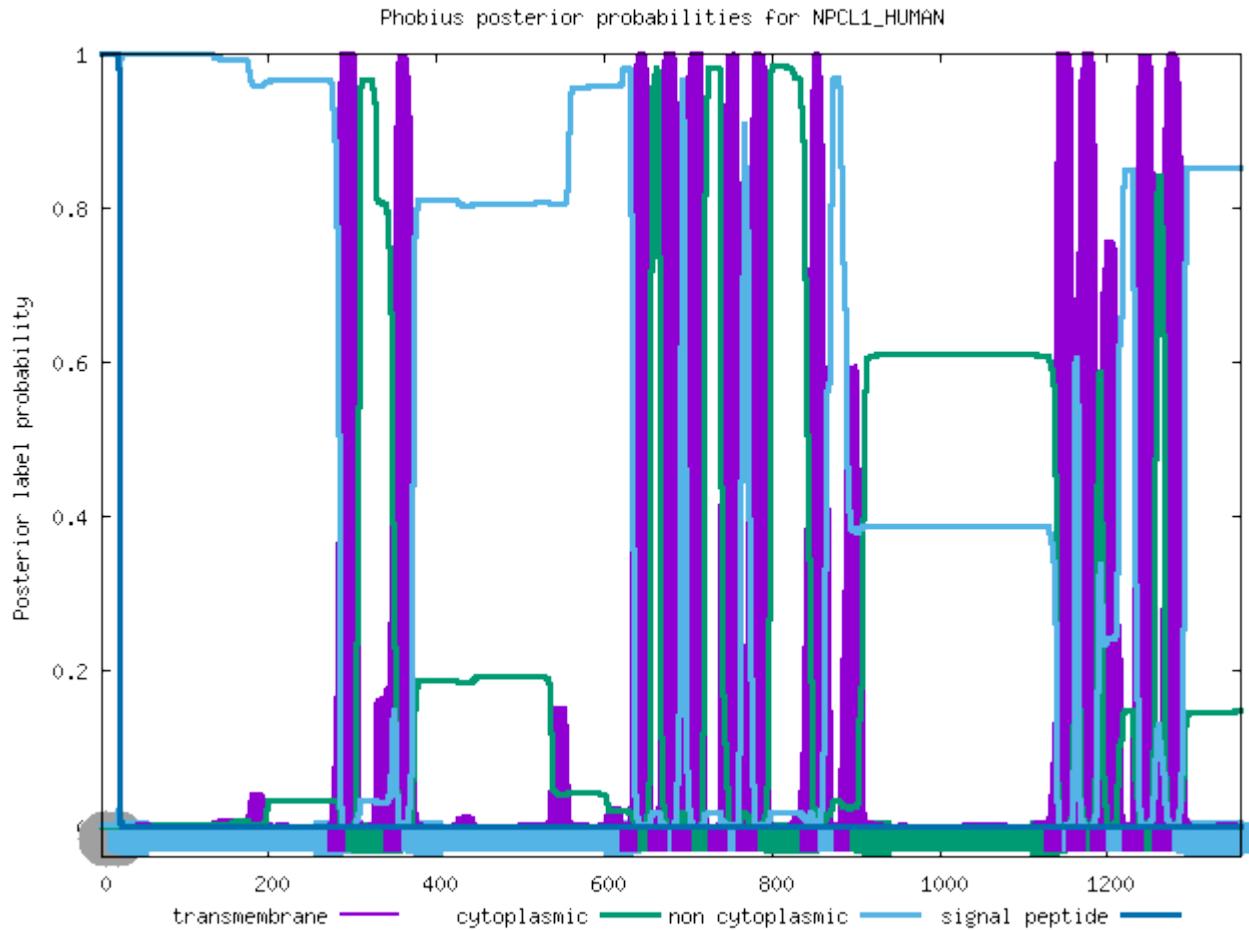
The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPCL1_HUMAN

| ID | NPCL1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | SIGNAL | 1 | 21 | |
| FT | REGION | 1 | 7 | N-REGION. |
| FT | REGION | 8 | 16 | H-REGION. |
| FT | REGION | 17 | 21 | C-REGION. |
| FT | TOPO_DOM | 22 | 284 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 285 | 305 | |
| FT | TOPO_DOM | 306 | 350 | CYTOPLASMIC. |
| FT | TRANSMEM | 351 | 372 | |
| FT | TOPO_DOM | 373 | 632 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 633 | 654 | |
| FT | TOPO_DOM | 655 | 665 | CYTOPLASMIC. |
| FT | TRANSMEM | 666 | 690 | |
| FT | TOPO_DOM | 691 | 695 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 696 | 719 | |
| FT | TOPO_DOM | 720 | 738 | CYTOPLASMIC. |
| FT | TRANSMEM | 739 | 761 | |
| FT | TOPO_DOM | 762 | 772 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 773 | 797 | |
| FT | TOPO_DOM | 798 | 847 | CYTOPLASMIC. |
| FT | TRANSMEM | 848 | 869 | |
| FT | TOPO_DOM | 870 | 888 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 889 | 908 | |
| FT | TOPO_DOM | 909 | 1139 | CYTOPLASMIC. |
| FT | TRANSMEM | 1140 | 1160 | |
| FT | TOPO_DOM | 1161 | 1165 | NON CYTOPLASMIC. |

```

FT  TRANSMEM  1166  1188
FT  TOPO_DOM   1189  1194      CYTOPLASMIC.
FT  TRANSMEM   1195  1213
FT  TOPO_DOM   1214  1232      NON CYTOPLASMIC.
FT  TRANSMEM   1233  1257
FT  TOPO_DOM   1258  1268      CYTOPLASMIC.
FT  TRANSMEM   1269  1292
FT  TOPO_DOM   1293  1359      NON CYTOPLASMIC.
//
```

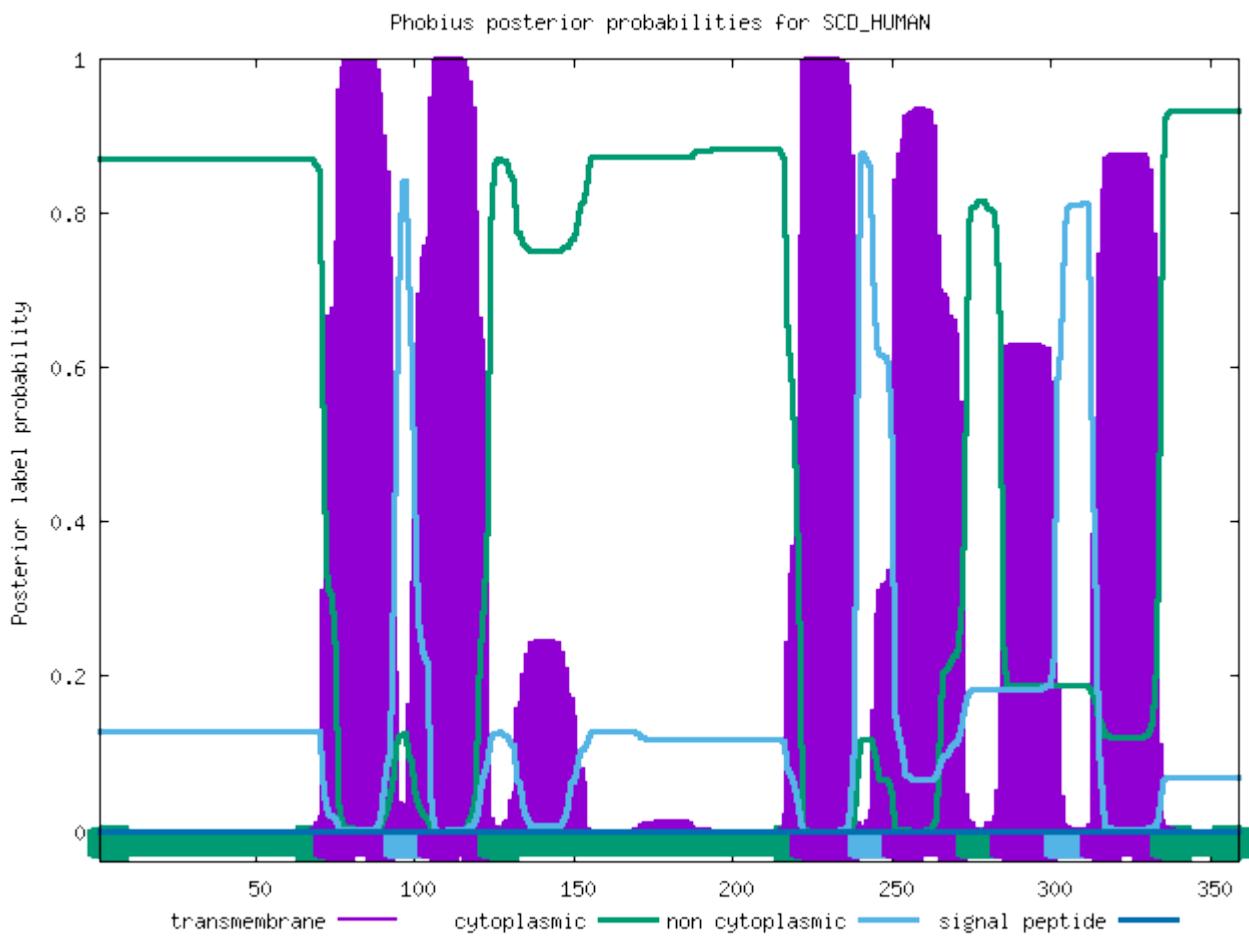


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of SCD_HUMAN

```

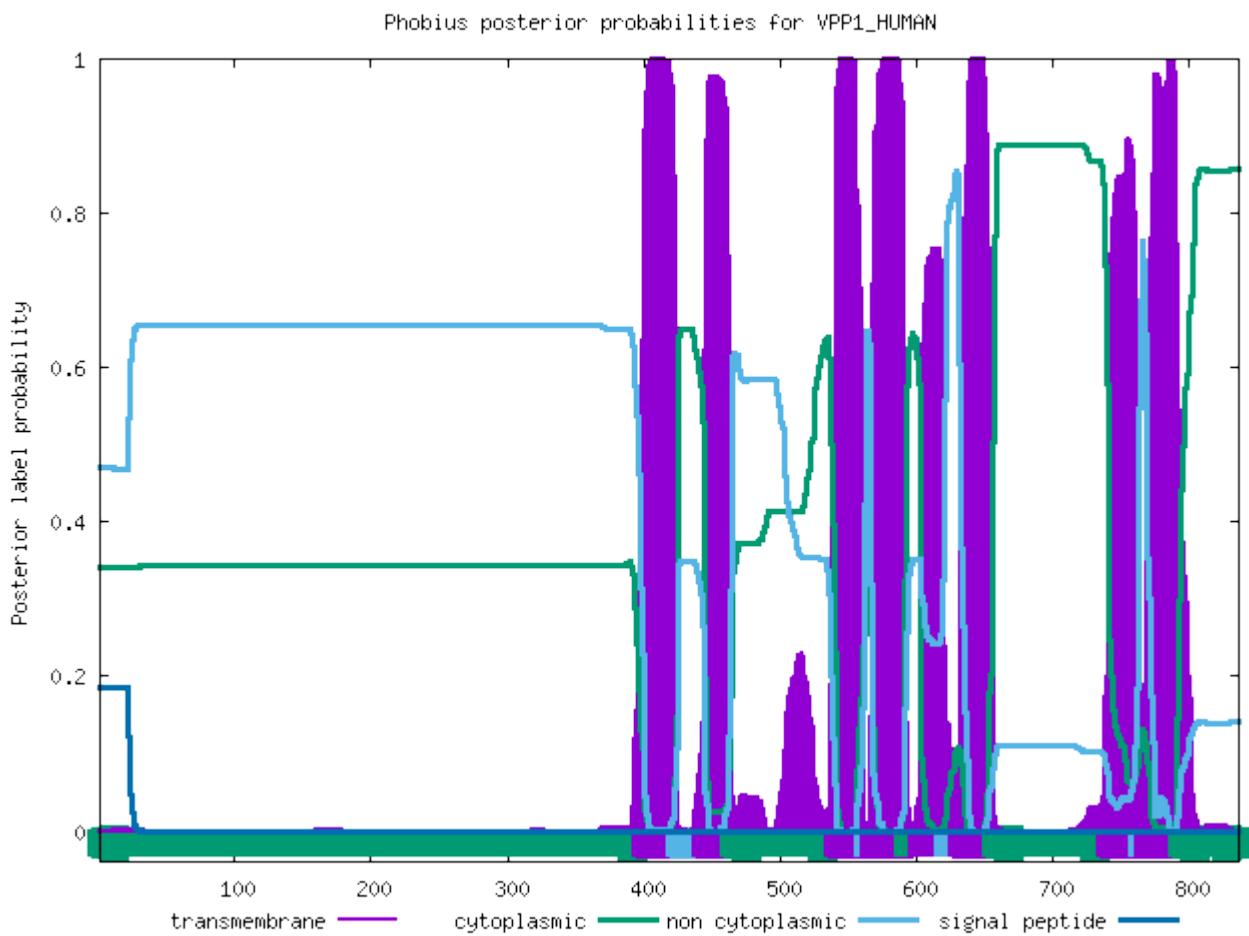
ID  SCD_HUMAN
FT  TOPO_DOM    1    71      CYTOPLASMIC.
FT  TRANSMEM   72    93
FT  TOPO_DOM   94   104      NON CYTOPLASMIC.
FT  TRANSMEM  105   123
FT  TOPO_DOM  124   221      CYTOPLASMIC.
FT  TRANSMEM  222   239
FT  TOPO_DOM  240   250      NON CYTOPLASMIC.
FT  TRANSMEM  251   273
FT  TOPO_DOM  274   284      CYTOPLASMIC.
FT  TRANSMEM  285   301
FT  TOPO_DOM  302   312      NON CYTOPLASMIC.
FT  TRANSMEM  313   334
FT  TOPO_DOM  335   359      CYTOPLASMIC.
//
```



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VPP1_HUMAN

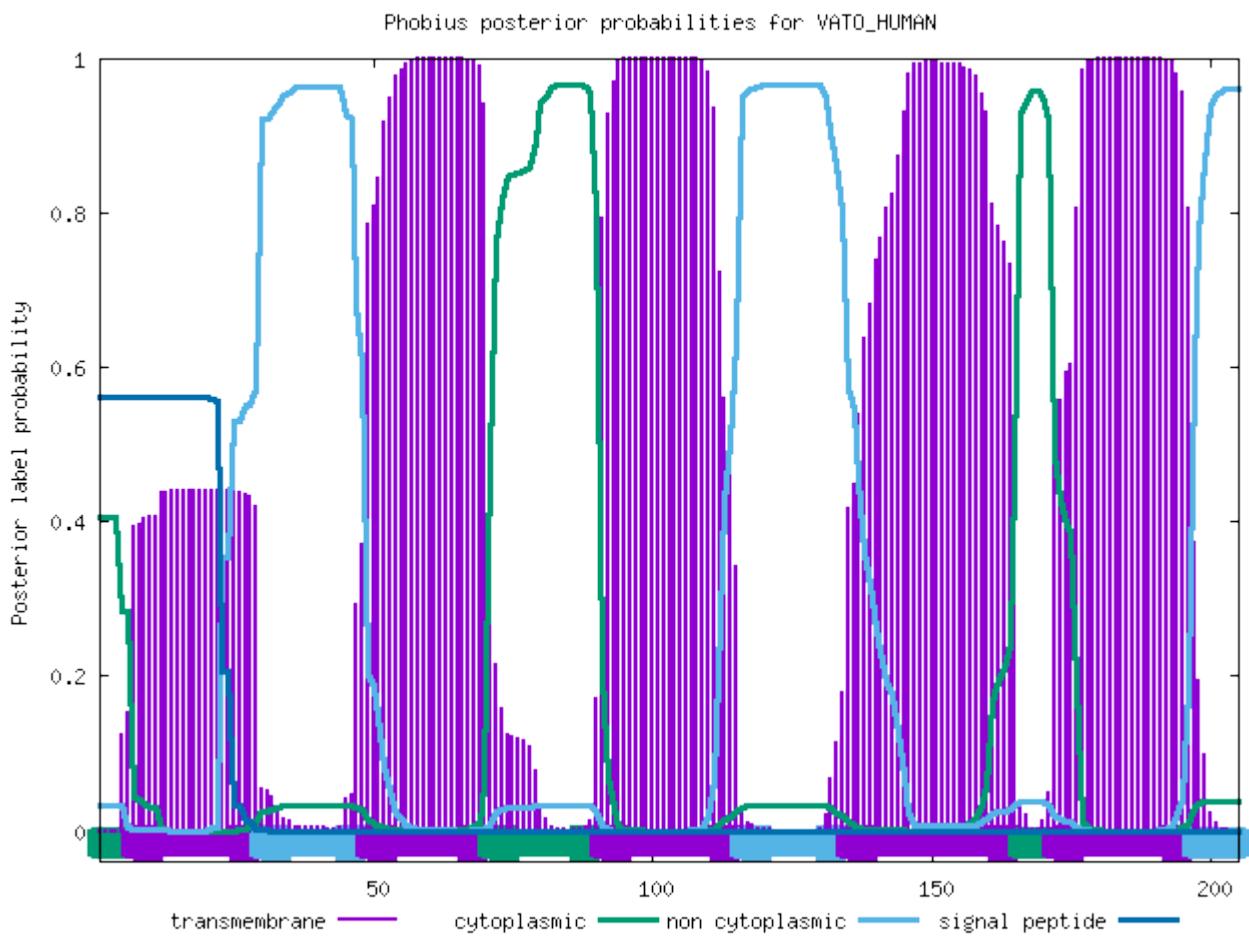
| ID | VPP1_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 400 | CYTOPLASMIC. |
| FT | TRANSMEM | 401 | 425 | |
| FT | TOPO_DOM | 426 | 444 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 445 | 464 | |
| FT | TOPO_DOM | 465 | 540 | CYTOPLASMIC. |
| FT | TRANSMEM | 541 | 562 | |
| FT | TOPO_DOM | 563 | 567 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 568 | 592 | |
| FT | TOPO_DOM | 593 | 603 | CYTOPLASMIC. |
| FT | TRANSMEM | 604 | 621 | |
| FT | TOPO_DOM | 622 | 632 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 633 | 657 | |
| FT | TOPO_DOM | 658 | 740 | CYTOPLASMIC. |
| FT | TRANSMEM | 741 | 764 | |
| FT | TOPO_DOM | 765 | 769 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 770 | 793 | |
| FT | TOPO_DOM | 794 | 837 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VATO_HUMAN

| ID | VATO_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 6 | CYTOPLASMIC. |
| FT | TRANSMEM | 7 | 29 | |
| FT | TOPO_DOM | 30 | 48 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 49 | 70 | |
| FT | TOPO_DOM | 71 | 90 | CYTOPLASMIC. |
| FT | TRANSMEM | 91 | 115 | |
| FT | TOPO_DOM | 116 | 134 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 135 | 165 | |
| FT | TOPO_DOM | 166 | 171 | CYTOPLASMIC. |
| FT | TRANSMEM | 172 | 196 | |
| FT | TOPO_DOM | 197 | 205 | NON CYTOPLASMIC. |
| // | | | | |

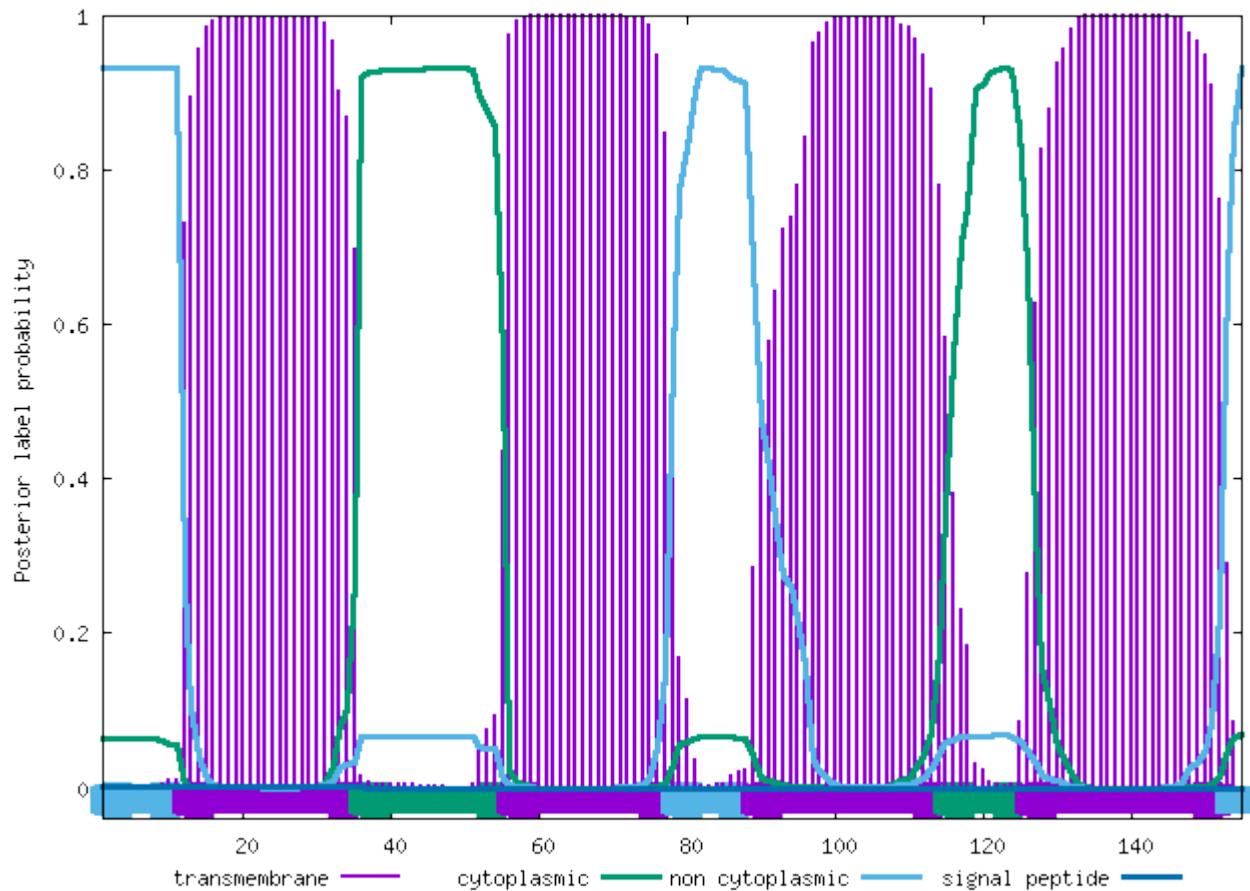


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VATL_HUMAN

| ID | VATL_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 35 | |
| FT | TOPO_DOM | 36 | 55 | CYTOPLASMIC. |
| FT | TRANSMEM | 56 | 77 | |
| FT | TOPO_DOM | 78 | 88 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 89 | 114 | |
| FT | TOPO_DOM | 115 | 125 | CYTOPLASMIC. |
| FT | TRANSMEM | 126 | 152 | |
| FT | TOPO_DOM | 153 | 155 | NON CYTOPLASMIC. |
| // | | | | |

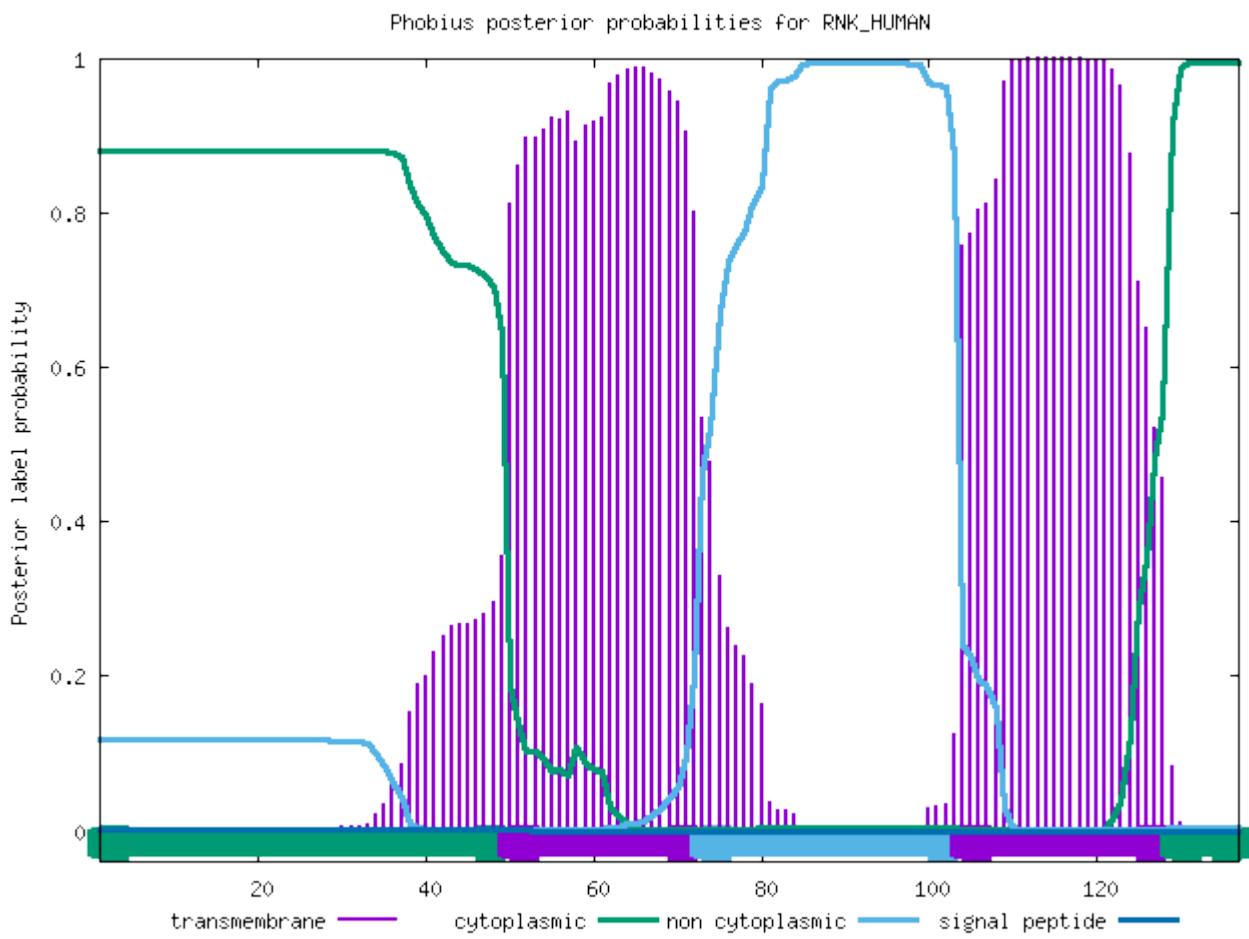
Phobius posterior probabilities for VATL_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RNK_HUMAN

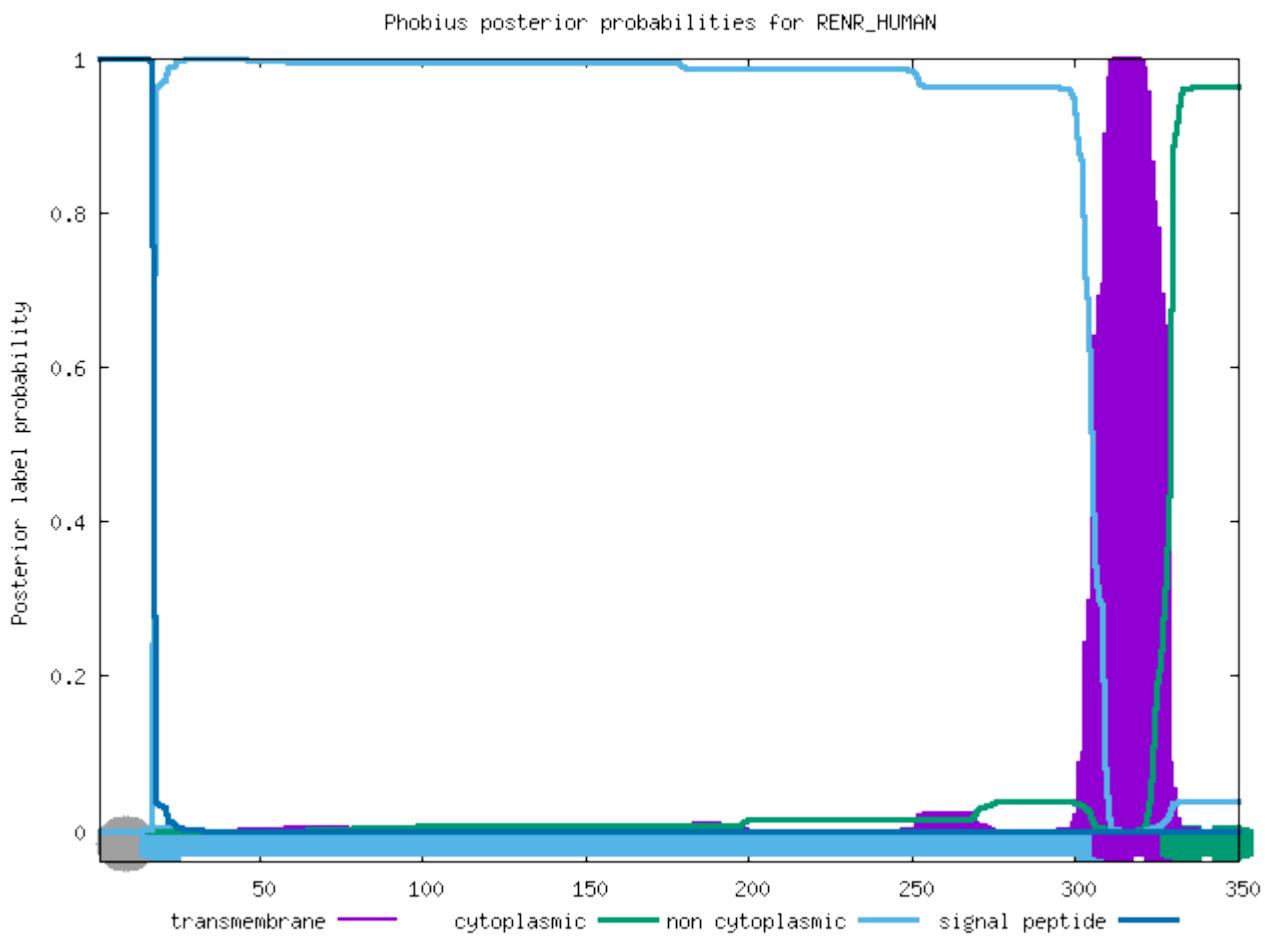
| | | | | |
|----|-----------|-----|-----|------------------|
| ID | RNK_HUMAN | | | |
| FT | TOPO_DOM | 1 | 49 | CYTOPLASMIC. |
| FT | TRANSMEM | 50 | 72 | |
| FT | TOPO_DOM | 73 | 103 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 128 | |
| FT | TOPO_DOM | 129 | 137 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of RENR_HUMAN

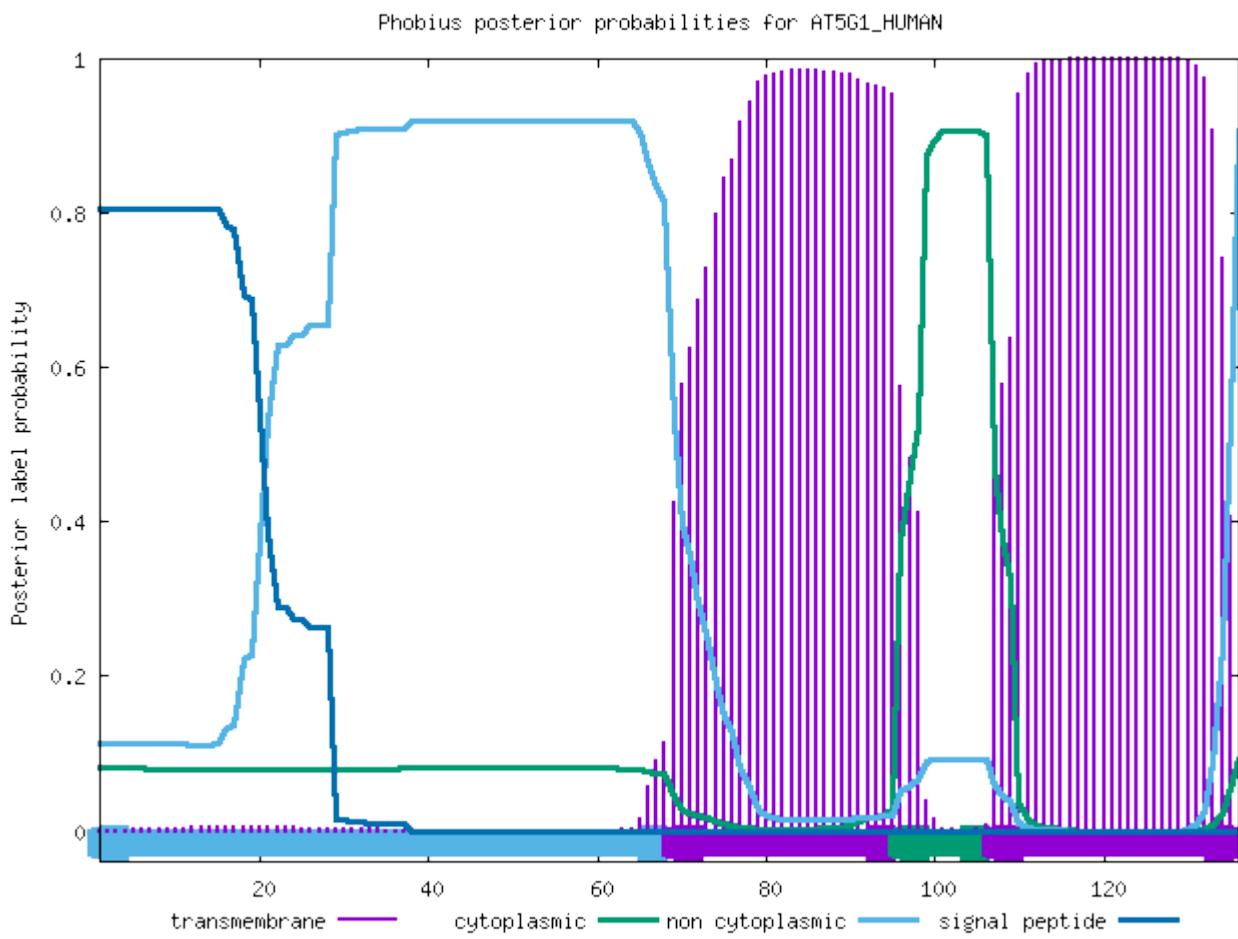
| ID | RENR_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 16 | |
| FT | REGION | 1 | 1 | N-REGION. |
| FT | REGION | 2 | 12 | H-REGION. |
| FT | REGION | 13 | 16 | C-REGION. |
| FT | TOPO_DOM | 17 | 308 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 309 | 329 | |
| FT | TOPO_DOM | 330 | 350 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT5G1_HUMAN

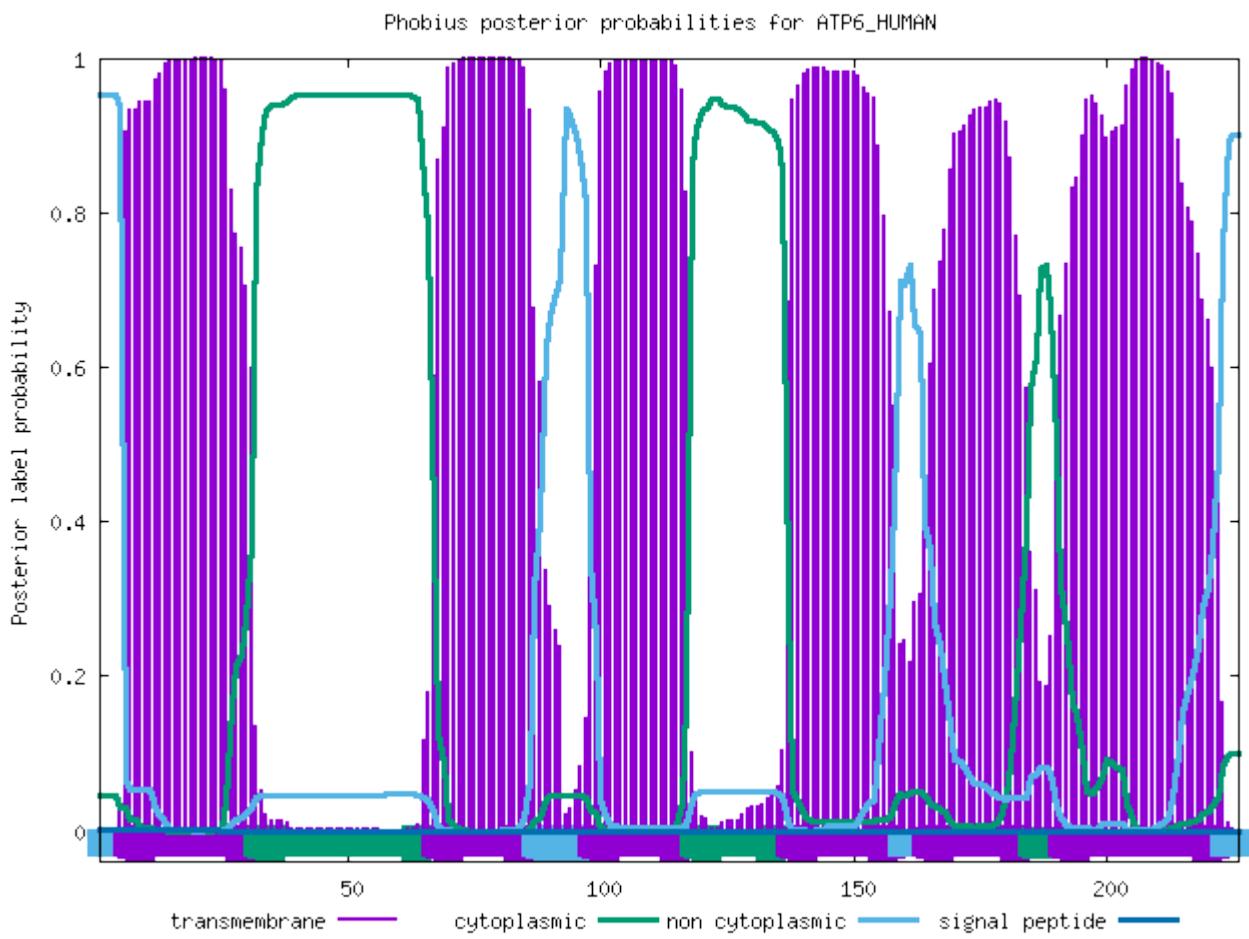
| ID | AT5G1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 68 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 69 | 95 | |
| FT | TOPO_DOM | 96 | 106 | CYTOPLASMIC. |
| FT | TRANSMEM | 107 | 135 | |
| FT | TOPO_DOM | 136 | 136 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATP6_HUMAN

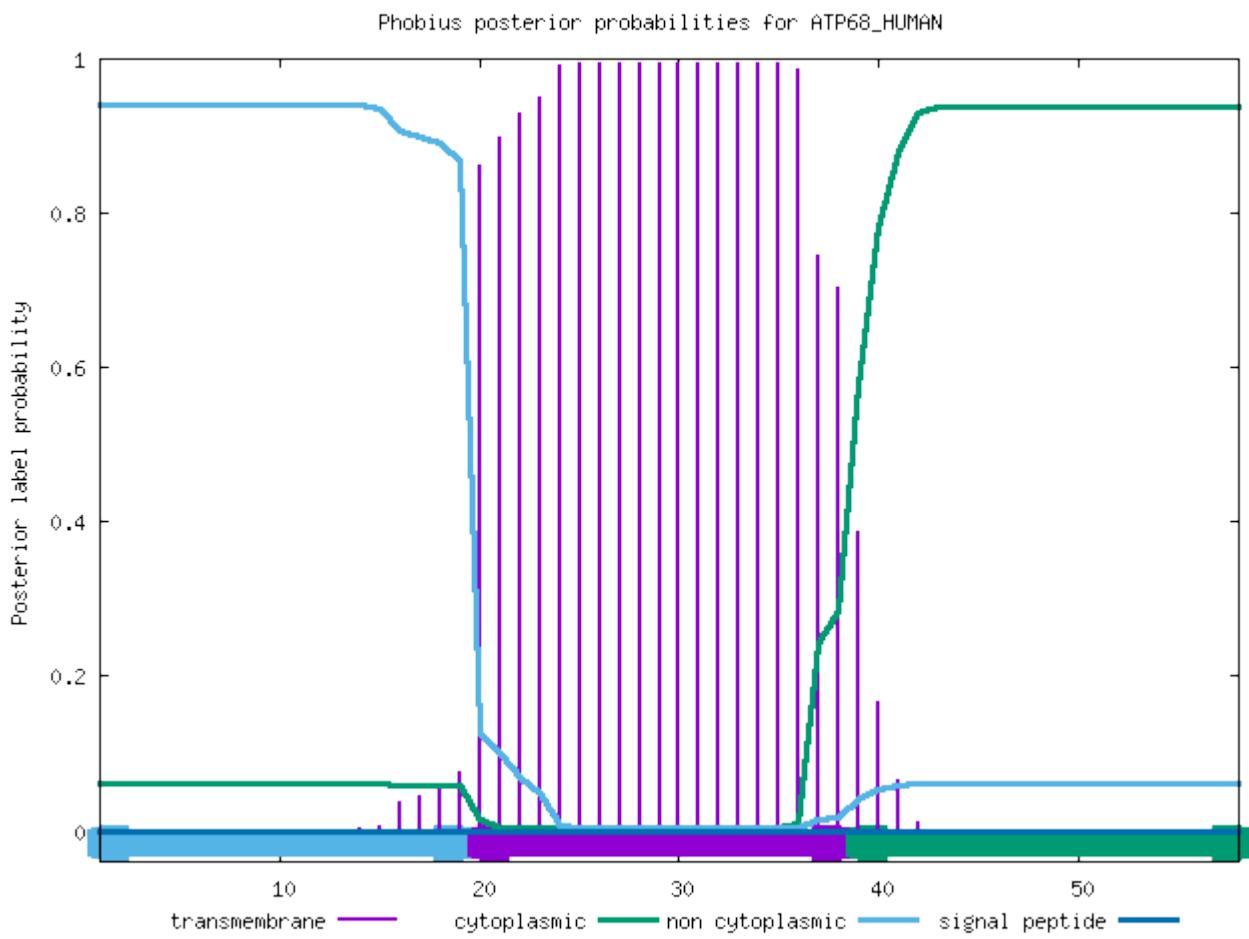
| ID | ATP6_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 5 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 6 | 31 | |
| FT | TOPO_DOM | 32 | 66 | CYTOPLASMIC. |
| FT | TRANSMEM | 67 | 86 | |
| FT | TOPO_DOM | 87 | 97 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 98 | 117 | |
| FT | TOPO_DOM | 118 | 136 | CYTOPLASMIC. |
| FT | TRANSMEM | 137 | 158 | |
| FT | TOPO_DOM | 159 | 163 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 184 | |
| FT | TOPO_DOM | 185 | 190 | CYTOPLASMIC. |
| FT | TRANSMEM | 191 | 222 | |
| FT | TOPO_DOM | 223 | 226 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATP68_HUMAN

| | | | | | |
|----|-------------|----|----|--|------------------|
| ID | ATP68_HUMAN | | | | |
| FT | TOPO_DOM | 1 | 19 | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 20 | 38 | | |
| FT | TOPO_DOM | 39 | 58 | | CYTOPLASMIC. |
| // | | | | | |

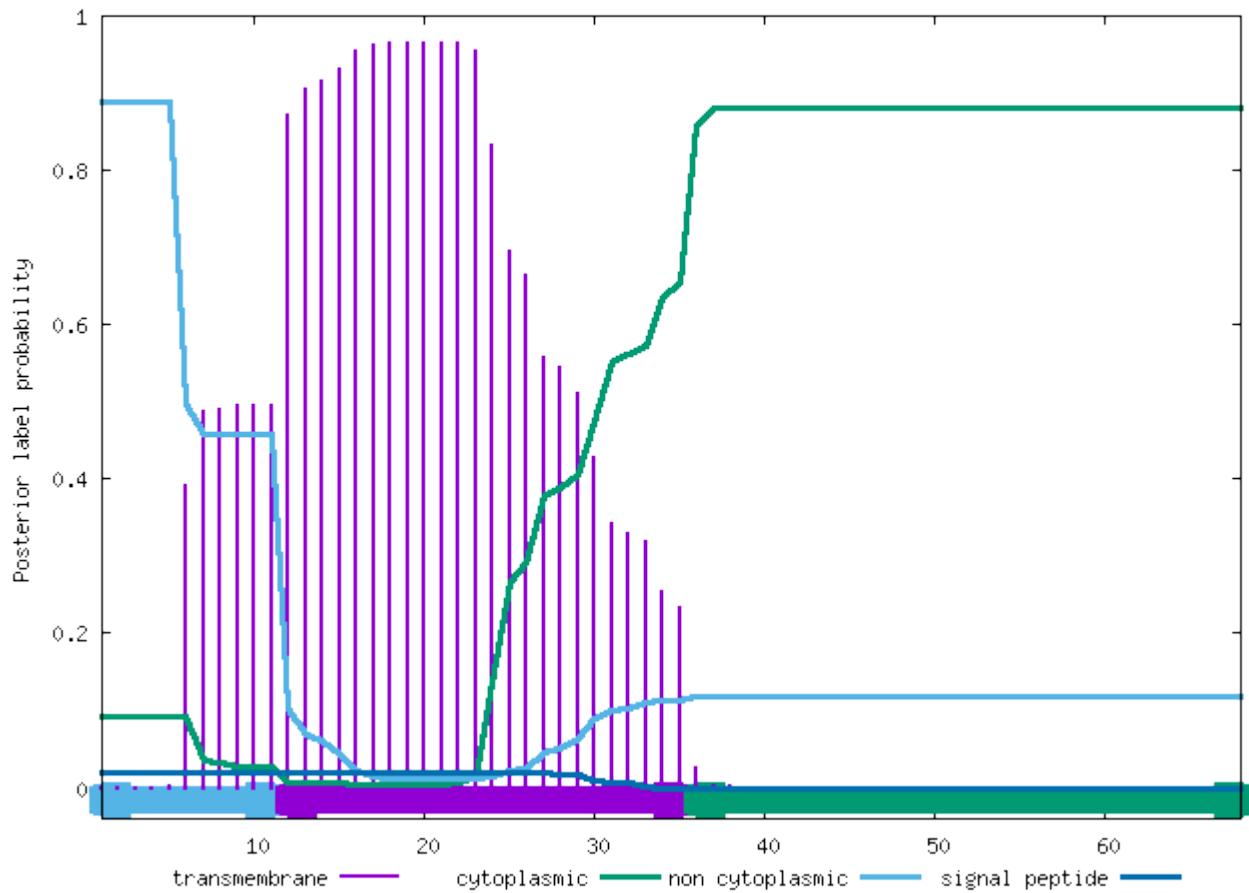


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATP8_HUMAN

| | | | | | |
|----|------------|----|----|--------------|--------------|
| ID | ATP8_HUMAN | | | | |
| FT | TOPO_DOM | 1 | 11 | NON | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 35 | | |
| FT | TOPO_DOM | 36 | 68 | CYTOPLASMIC. | |
| // | | | | | |

Phobius posterior probabilities for ATP8_HUMAN

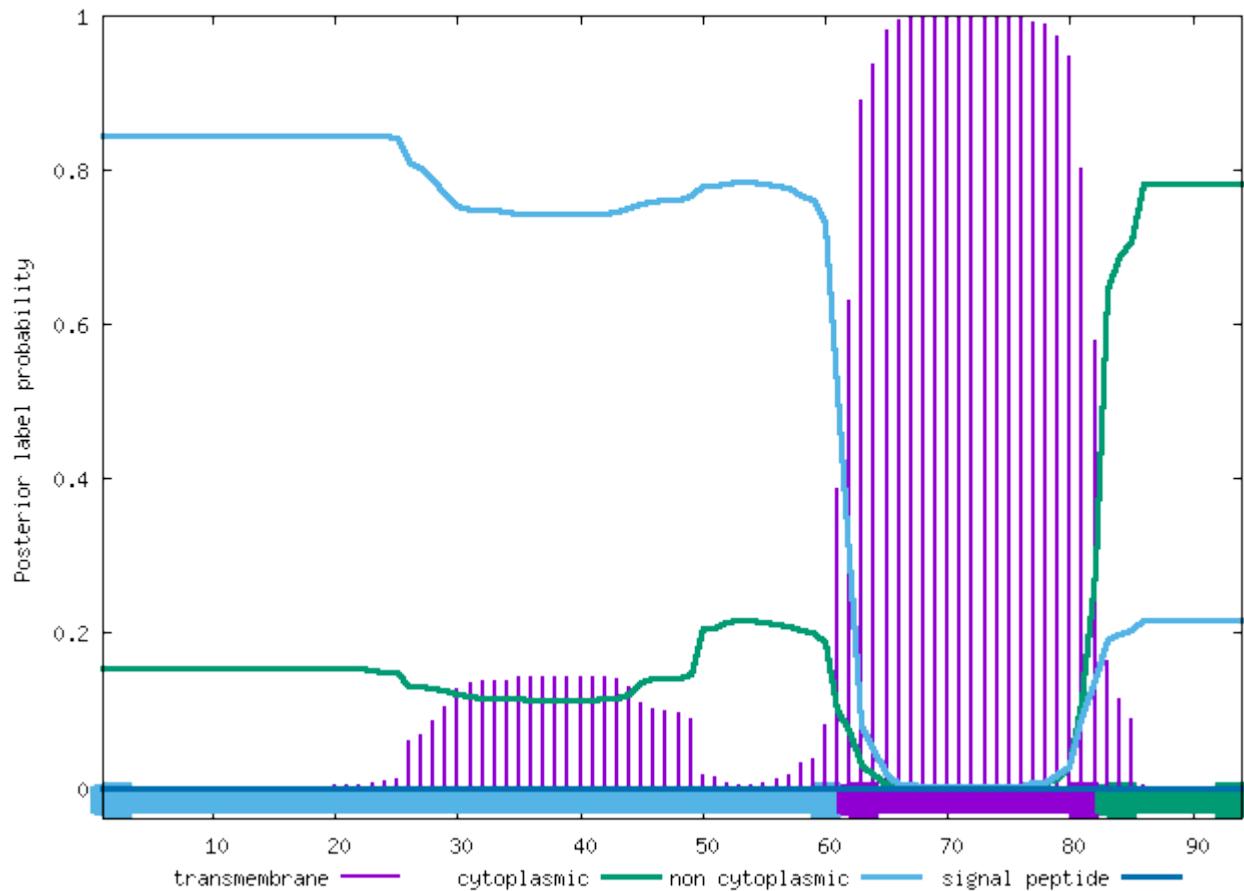


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATPK_HUMAN

| | | | | | |
|----|------------|----|----|--|------------------|
| ID | ATPK_HUMAN | | | | |
| FT | TOPO_DOM | 1 | 61 | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 62 | 82 | | |
| FT | TOPO_DOM | 83 | 94 | | CYTOPLASMIC. |
| // | | | | | |

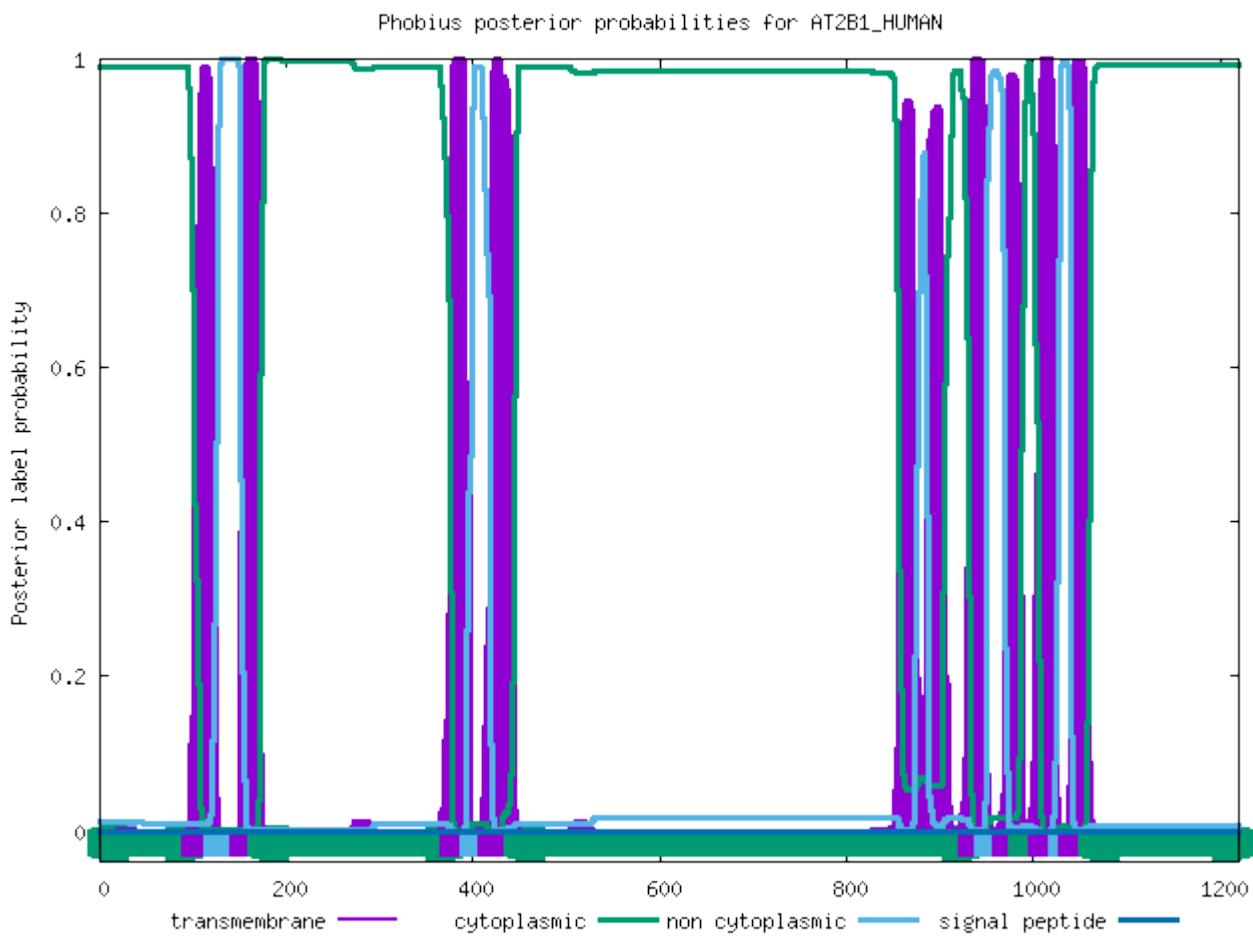
Phobius posterior probabilities for ATPK_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT2B1_HUMAN

| ID | AT2B1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 100 | CYTOPLASMIC. |
| FT | TRANSMEM | 101 | 124 | |
| FT | TOPO_DOM | 125 | 152 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 153 | 172 | |
| FT | TOPO_DOM | 173 | 377 | CYTOPLASMIC. |
| FT | TRANSMEM | 378 | 399 | |
| FT | TOPO_DOM | 400 | 418 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 419 | 445 | |
| FT | TOPO_DOM | 446 | 931 | CYTOPLASMIC. |
| FT | TRANSMEM | 932 | 949 | |
| FT | TOPO_DOM | 950 | 968 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 969 | 986 | |
| FT | TOPO_DOM | 987 | 1006 | CYTOPLASMIC. |
| FT | TRANSMEM | 1007 | 1028 | |
| FT | TOPO_DOM | 1029 | 1039 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1040 | 1061 | |
| FT | TOPO_DOM | 1062 | 1220 | CYTOPLASMIC. |
| // | | | | |

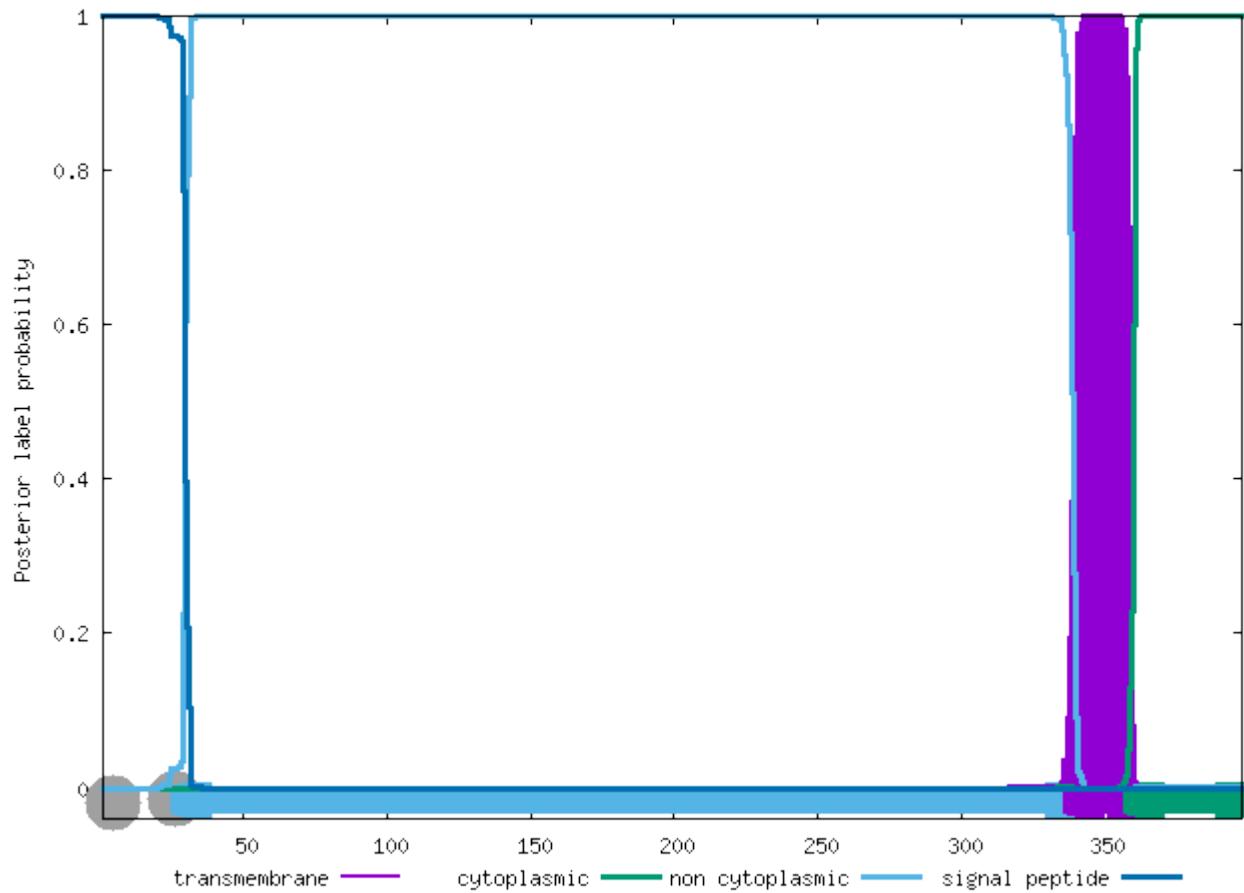


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of NPTN_HUMAN

| ID | NPTN_HUMAN | | | |
|----|------------|-----|-----|------------------|
| FT | SIGNAL | 1 | 28 | |
| FT | REGION | 1 | 5 | N-REGION. |
| FT | REGION | 6 | 17 | H-REGION. |
| FT | REGION | 18 | 28 | C-REGION. |
| FT | TOPO_DOM | 29 | 339 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 360 | |
| FT | TOPO_DOM | 361 | 398 | CYTOPLASMIC. |
| // | | | | |

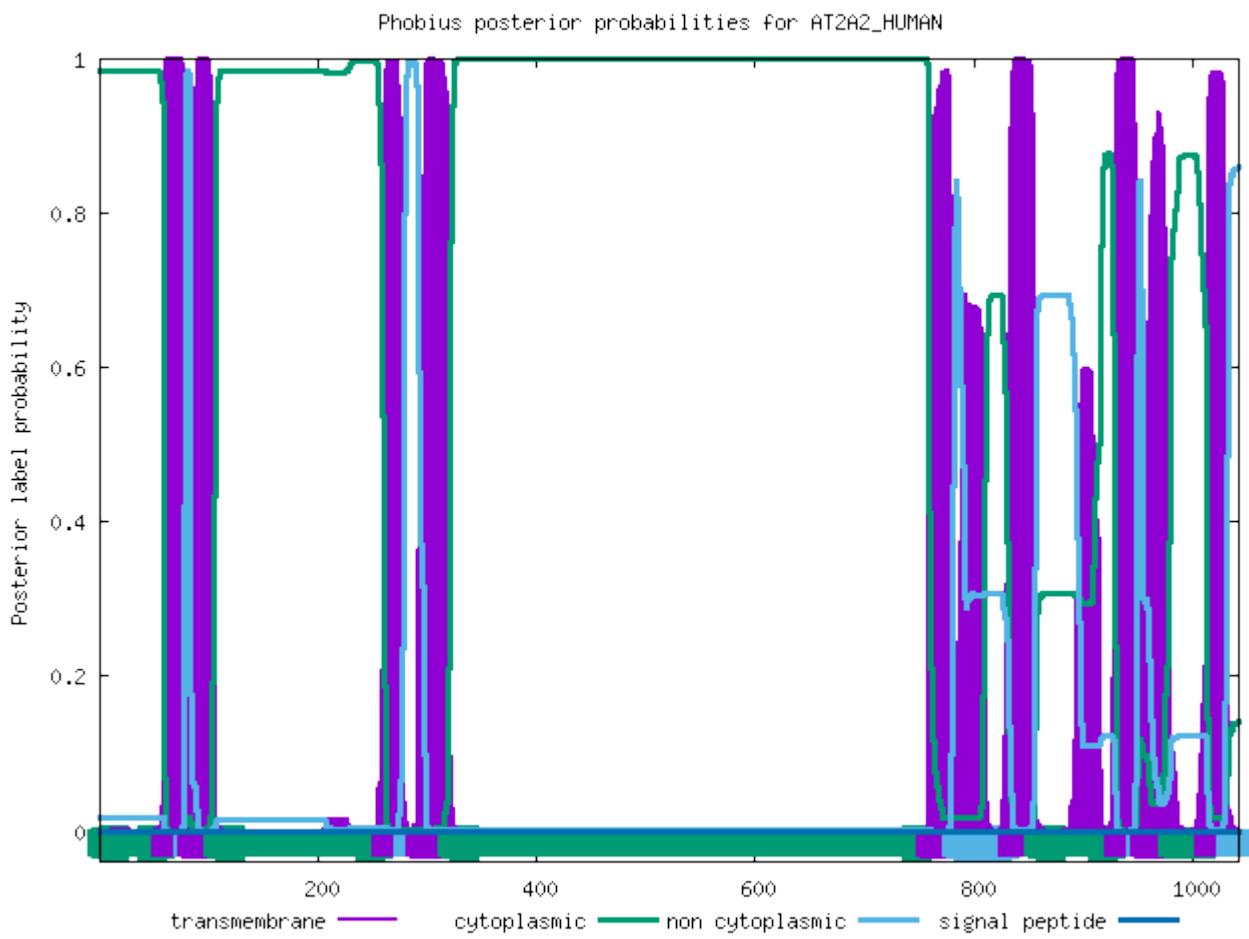
Phobius posterior probabilities for NPTN_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT2A2_HUMAN

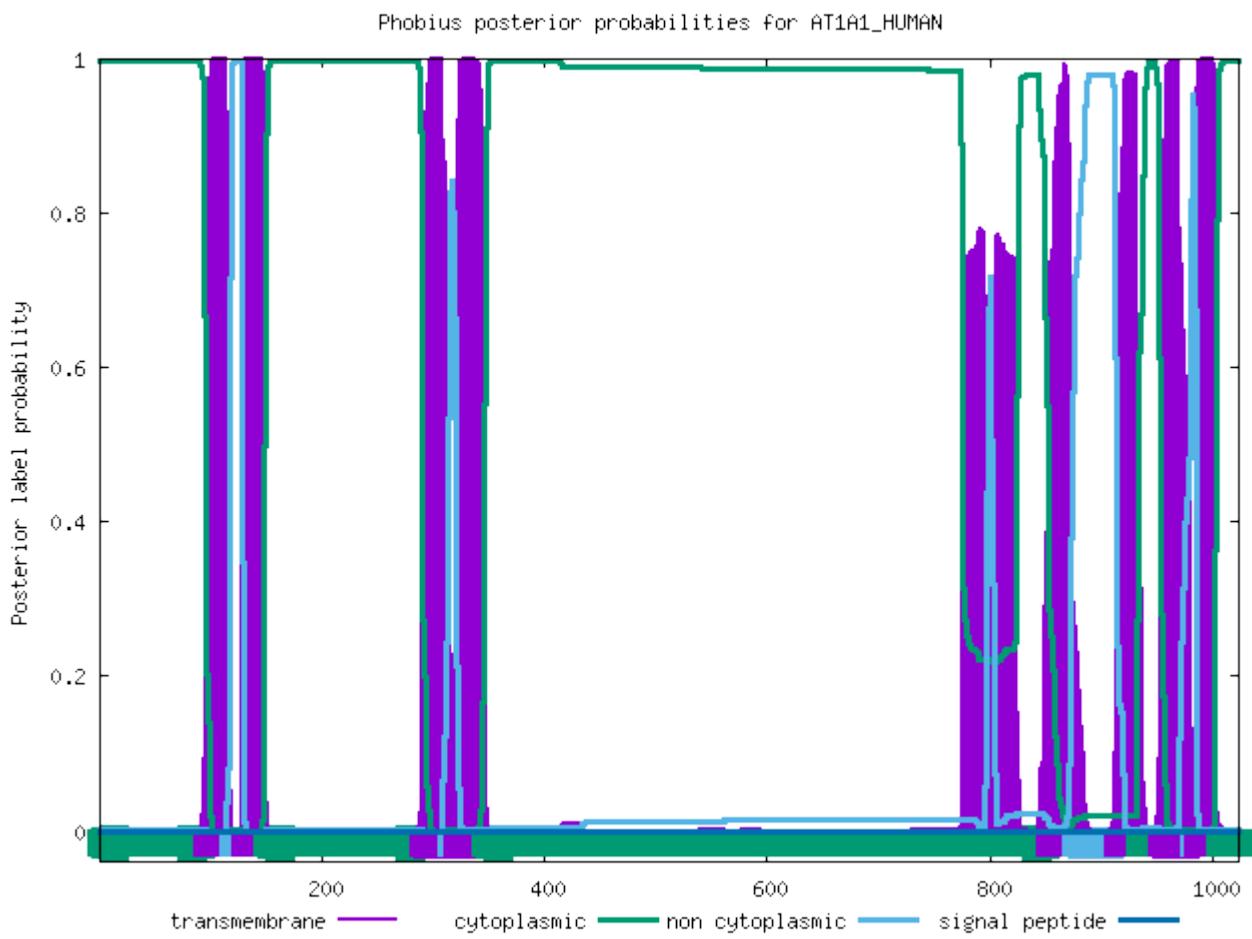
| ID | AT2A2_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 59 | CYTOPLASMIC. |
| FT | TRANSMEM | 60 | 78 | |
| FT | TOPO_DOM | 79 | 83 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 84 | 107 | |
| FT | TOPO_DOM | 108 | 259 | CYTOPLASMIC. |
| FT | TRANSMEM | 260 | 280 | |
| FT | TOPO_DOM | 281 | 291 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 292 | 321 | |
| FT | TOPO_DOM | 322 | 758 | CYTOPLASMIC. |
| FT | TRANSMEM | 759 | 782 | |
| FT | TOPO_DOM | 783 | 832 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 833 | 856 | |
| FT | TOPO_DOM | 857 | 929 | CYTOPLASMIC. |
| FT | TRANSMEM | 930 | 949 | |
| FT | TOPO_DOM | 950 | 954 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 955 | 978 | |
| FT | TOPO_DOM | 979 | 1012 | CYTOPLASMIC. |
| FT | TRANSMEM | 1013 | 1031 | |
| FT | TOPO_DOM | 1032 | 1042 | NON CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT1A1_HUMAN

| ID | AT1A1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 95 | CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 118 | |
| FT | TOPO_DOM | 119 | 129 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 130 | 149 | |
| FT | TOPO_DOM | 150 | 290 | CYTOPLASMIC. |
| FT | TRANSMEM | 291 | 315 | |
| FT | TOPO_DOM | 316 | 320 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 321 | 344 | |
| FT | TOPO_DOM | 345 | 852 | CYTOPLASMIC. |
| FT | TRANSMEM | 853 | 874 | |
| FT | TOPO_DOM | 875 | 912 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 913 | 932 | |
| FT | TOPO_DOM | 933 | 952 | CYTOPLASMIC. |
| FT | TRANSMEM | 953 | 980 | |
| FT | TOPO_DOM | 981 | 985 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 986 | 1004 | |
| FT | TOPO_DOM | 1005 | 1023 | CYTOPLASMIC. |
| // | | | | |

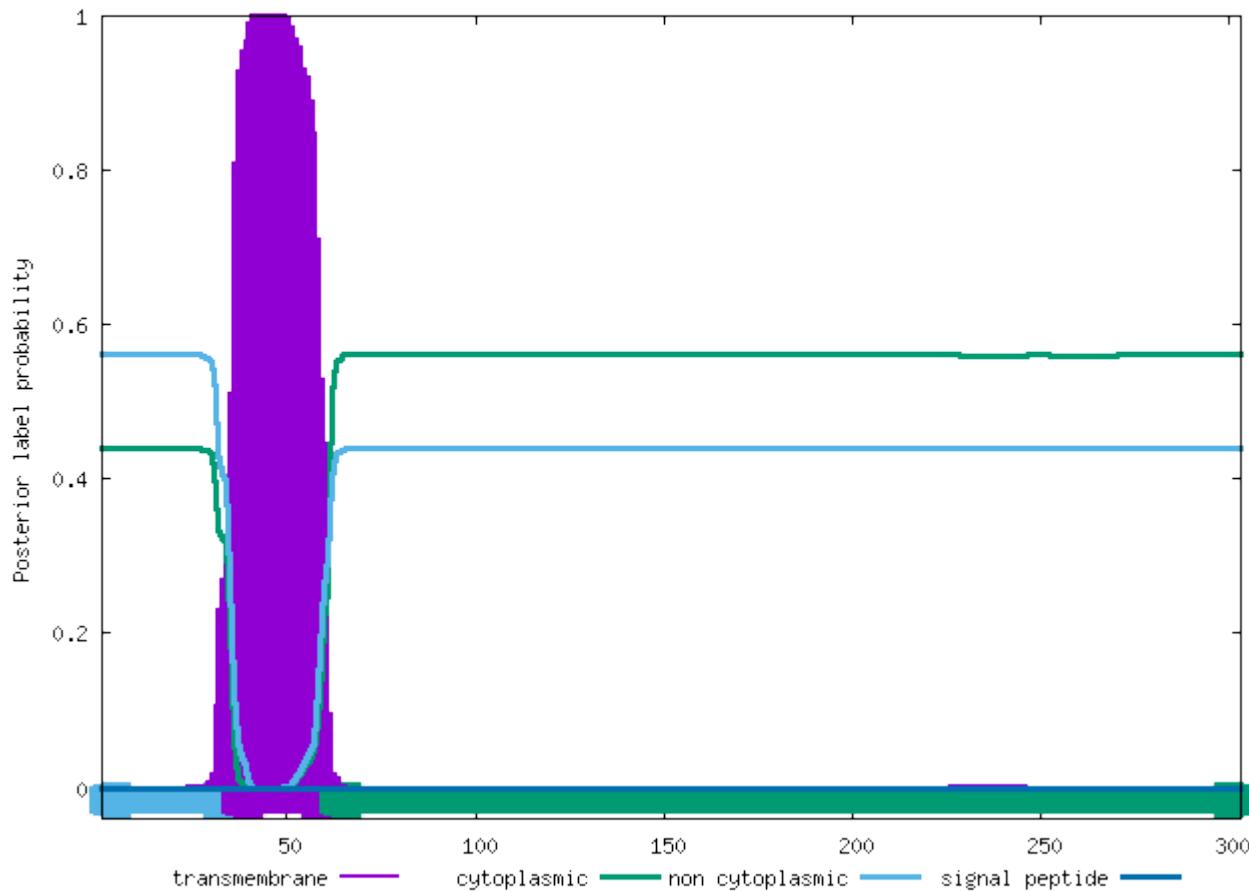


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT1B1_HUMAN

| | | | | |
|----|-------------|----|-----|------------------|
| ID | AT1B1_HUMAN | | | |
| FT | TOPO_DOM | 1 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 61 | |
| FT | TOPO_DOM | 62 | 303 | CYTOPLASMIC. |
| // | | | | |

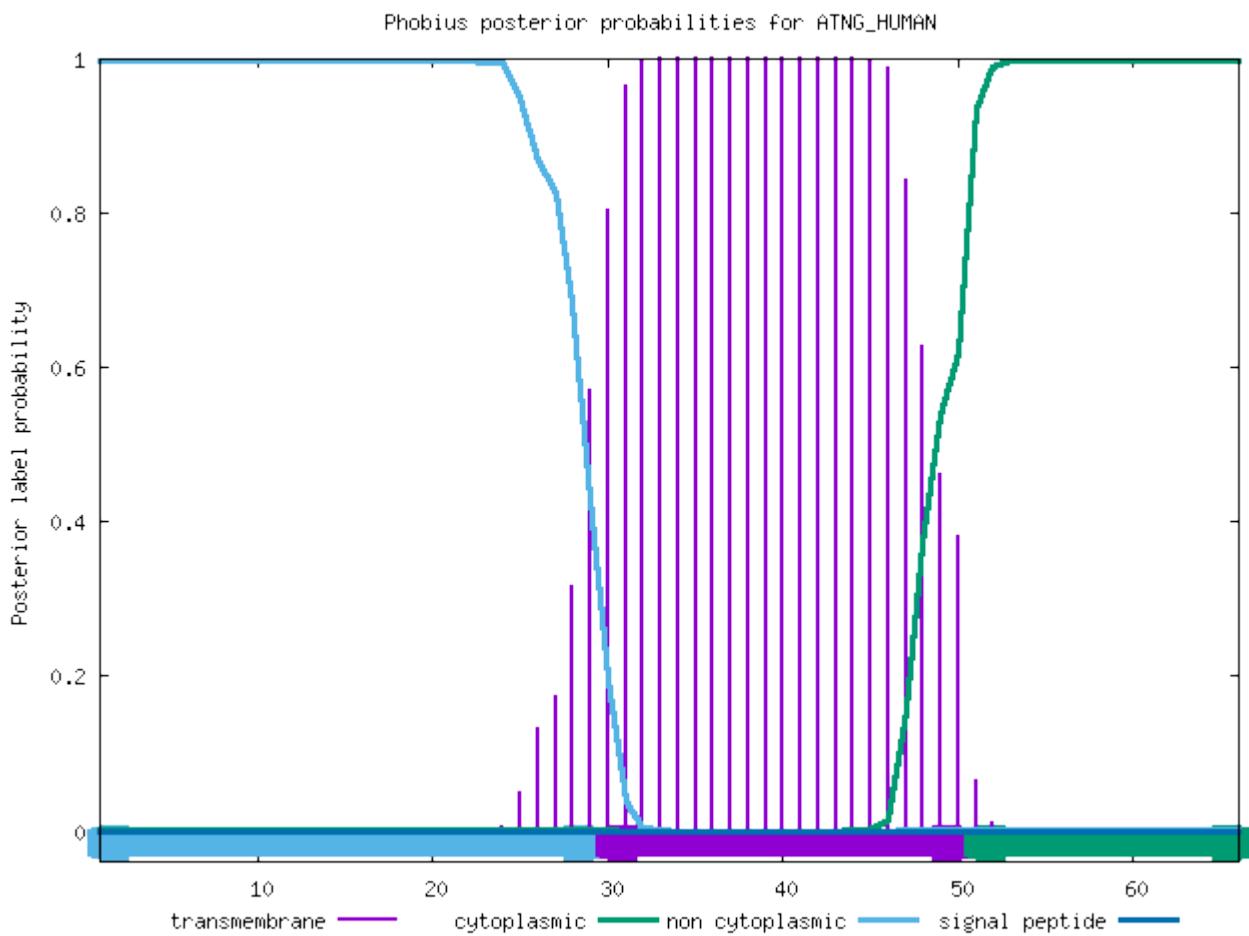
Phobius posterior probabilities for AT1B1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATNG_HUMAN

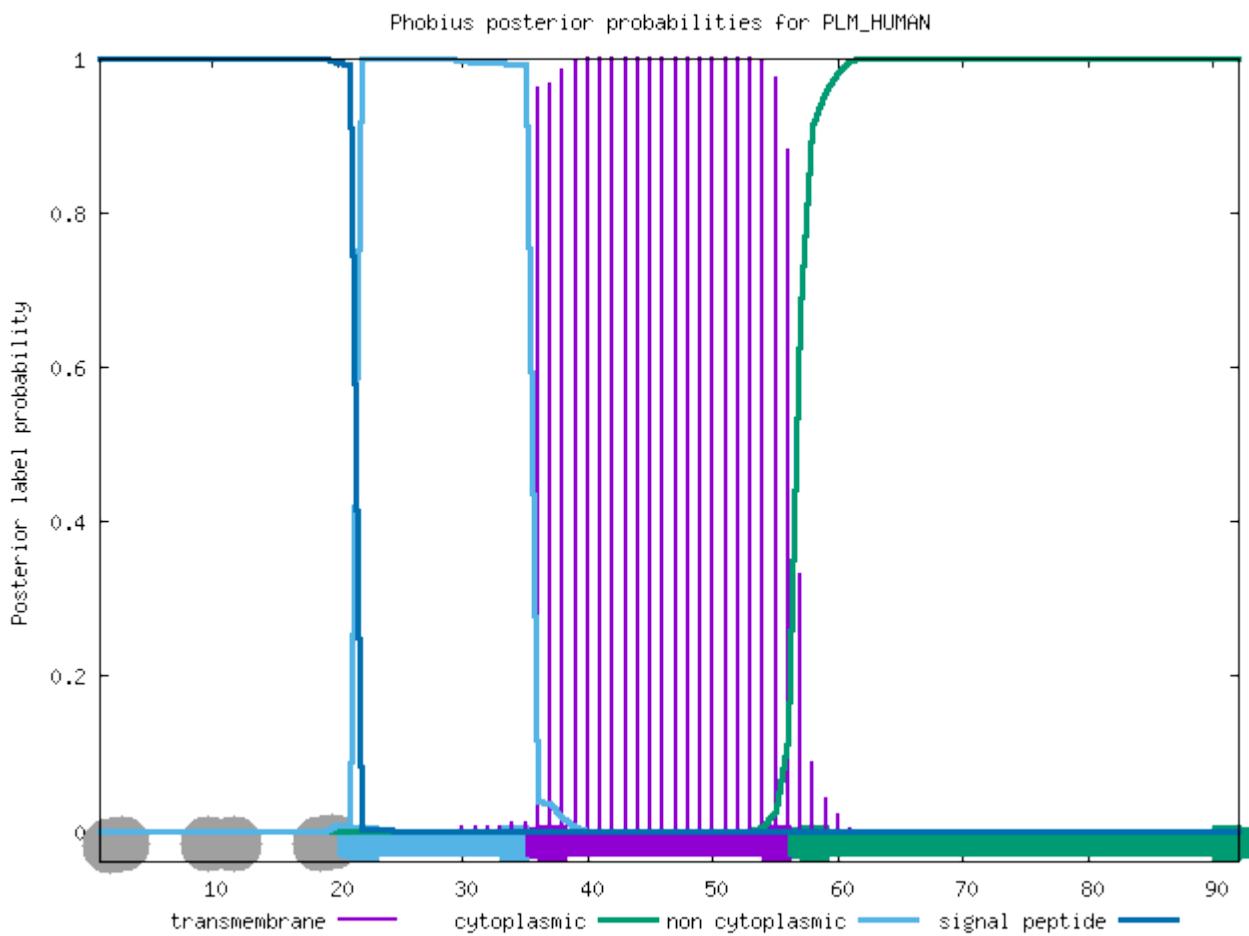
| | | | | | |
|----|------------|----|----|--|------------------|
| ID | ATNG_HUMAN | | | | |
| FT | TOPO_DOM | 1 | 29 | | NON CYTOPLASMIC. |
| FT | TRANSMEM | 30 | 50 | | |
| FT | TOPO_DOM | 51 | 66 | | CYTOPLASMIC. |
| // | | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PLM_HUMAN

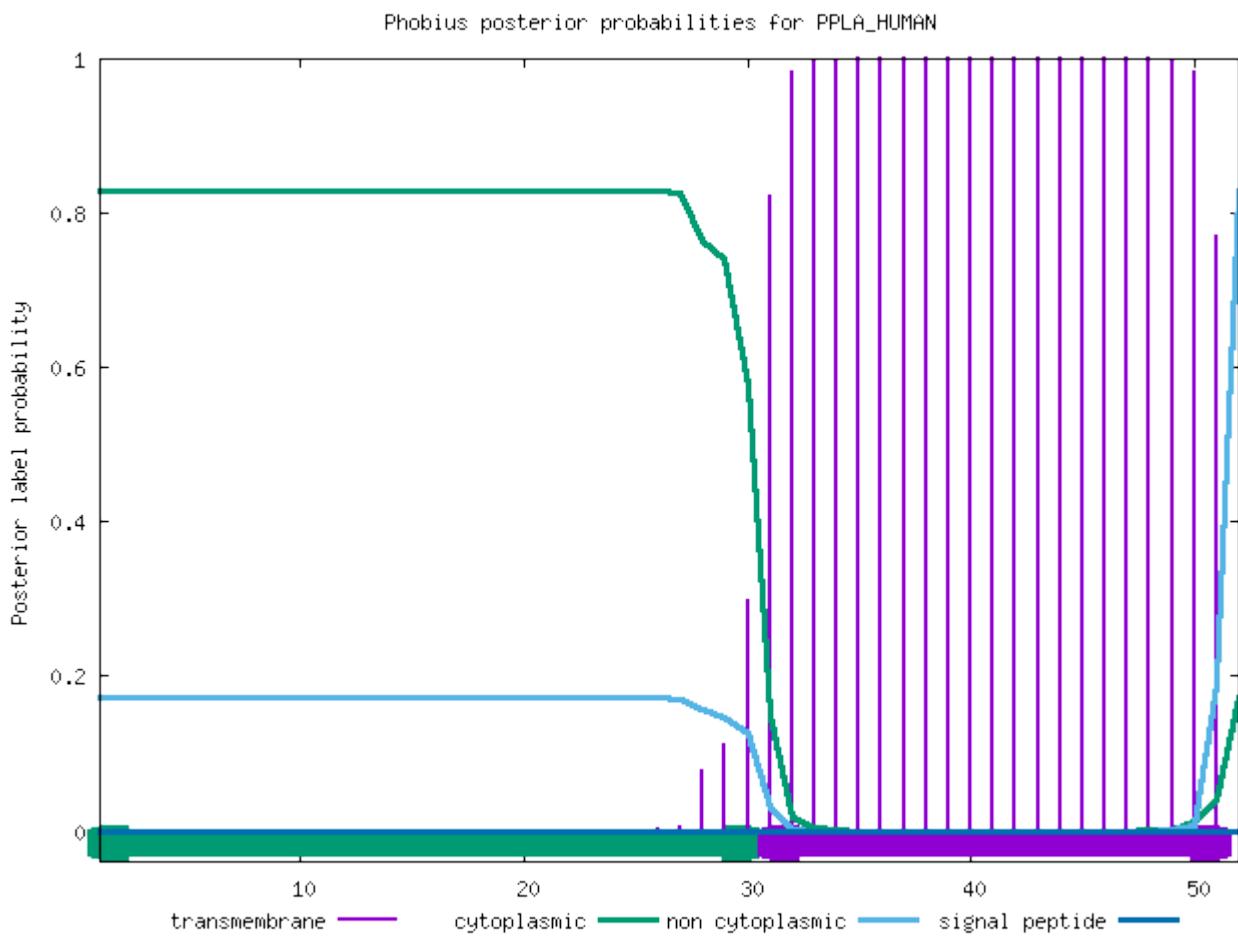
| ID | PLM_HUMAN | | | |
|----|-----------|----|----|------------------|
| FT | SIGNAL | 1 | 20 | |
| FT | REGION | 1 | 3 | N-REGION. |
| FT | REGION | 4 | 15 | H-REGION. |
| FT | REGION | 16 | 20 | C-REGION. |
| FT | TOPO_DOM | 21 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 56 | |
| FT | TOPO_DOM | 57 | 92 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of PPLA_HUMAN

| | | | | |
|----|------------|----|----|------------------|
| ID | PPLA_HUMAN | | | |
| FT | TOPO_DOM | 1 | 30 | CYTOPLASMIC. |
| FT | TRANSMEM | 31 | 51 | |
| FT | TOPO_DOM | 52 | 52 | NON CYTOPLASMIC. |
| // | | | | |

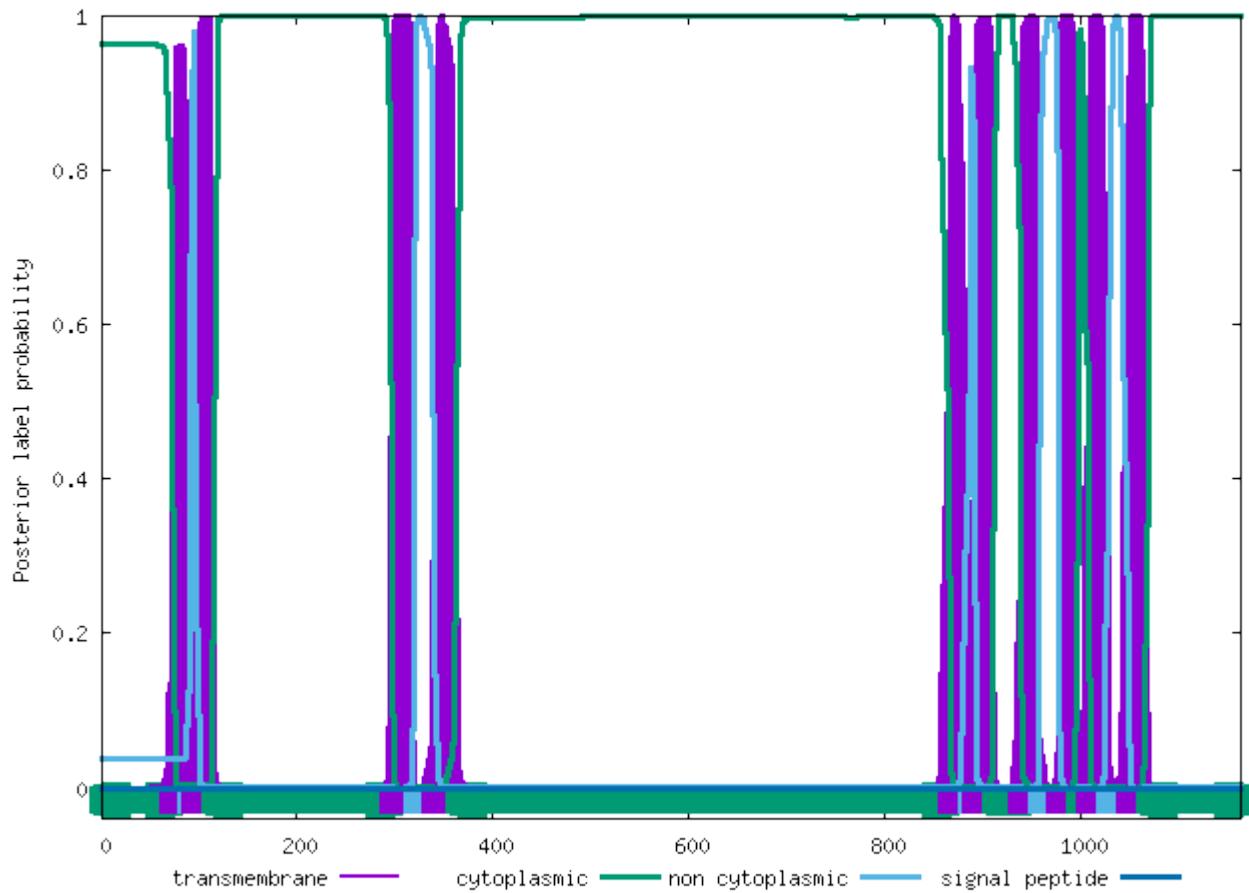


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT8A1_HUMAN

| ID | AT8A1_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 72 | CYTOPLASMIC. |
| FT | TRANSMEM | 73 | 90 | |
| FT | TOPO_DOM | 91 | 95 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 114 | |
| FT | TOPO_DOM | 115 | 297 | CYTOPLASMIC. |
| FT | TRANSMEM | 298 | 320 | |
| FT | TOPO_DOM | 321 | 339 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 340 | 363 | |
| FT | TOPO_DOM | 364 | 866 | CYTOPLASMIC. |
| FT | TRANSMEM | 867 | 887 | |
| FT | TOPO_DOM | 888 | 892 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 893 | 911 | |
| FT | TOPO_DOM | 912 | 939 | CYTOPLASMIC. |
| FT | TRANSMEM | 940 | 958 | |
| FT | TOPO_DOM | 959 | 977 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 978 | 997 | |
| FT | TOPO_DOM | 998 | 1008 | CYTOPLASMIC. |
| FT | TRANSMEM | 1009 | 1029 | |
| FT | TOPO_DOM | 1030 | 1048 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1049 | 1069 | |
| FT | TOPO_DOM | 1070 | 1164 | CYTOPLASMIC. |
| // | | | | |

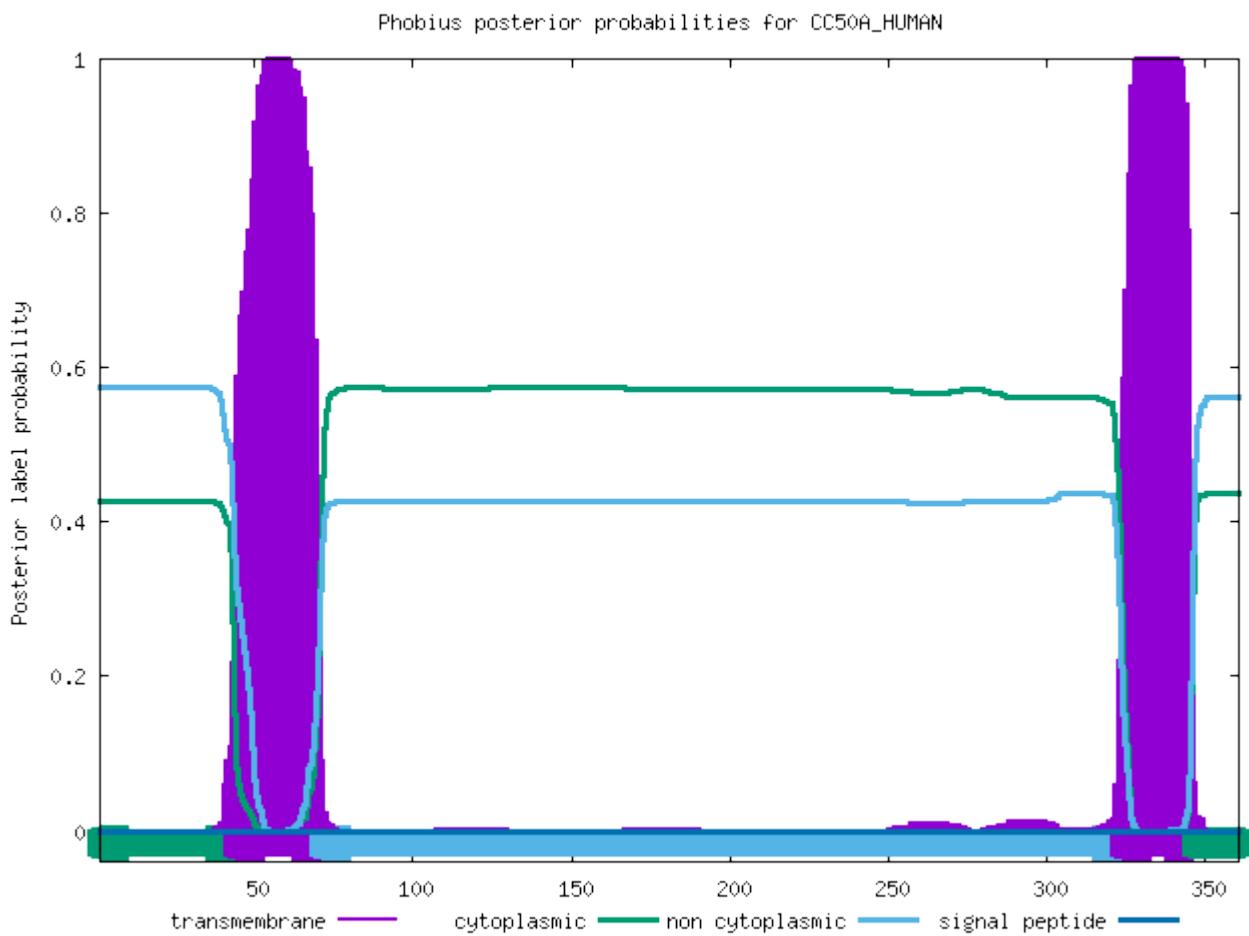
Phobius posterior probabilities for AT8A1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CC50A_HUMAN

| | | | | |
|----|-------------|-----|-----|------------------|
| ID | CC50A_HUMAN | | | |
| FT | TOPO_DOM | 1 | 43 | CYTOPLASMIC. |
| FT | TRANSMEM | 44 | 70 | |
| FT | TOPO_DOM | 71 | 323 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 324 | 346 | |
| FT | TOPO_DOM | 347 | 361 | CYTOPLASMIC. |
| // | | | | |

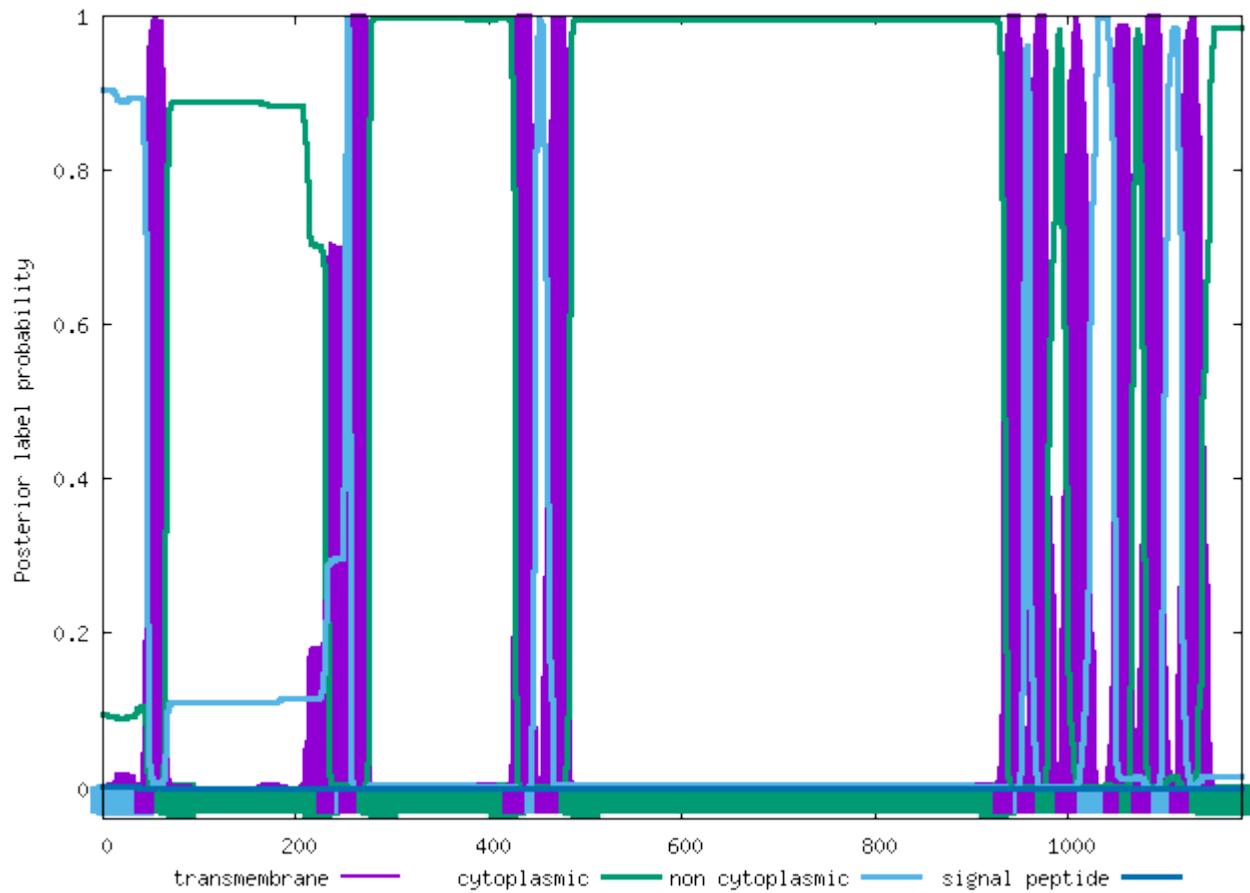


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of AT132_HUMAN

| ID | AT132_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 46 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 47 | 67 | |
| FT | TOPO_DOM | 68 | 235 | CYTOPLASMIC. |
| FT | TRANSMEM | 236 | 252 | |
| FT | TOPO_DOM | 253 | 257 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 258 | 276 | |
| FT | TOPO_DOM | 277 | 427 | CYTOPLASMIC. |
| FT | TRANSMEM | 428 | 449 | |
| FT | TOPO_DOM | 450 | 460 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 461 | 484 | |
| FT | TOPO_DOM | 485 | 935 | CYTOPLASMIC. |
| FT | TRANSMEM | 936 | 955 | |
| FT | TOPO_DOM | 956 | 960 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 961 | 978 | |
| FT | TOPO_DOM | 979 | 998 | CYTOPLASMIC. |
| FT | TRANSMEM | 999 | 1022 | |
| FT | TOPO_DOM | 1023 | 1048 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1049 | 1066 | |
| FT | TOPO_DOM | 1067 | 1077 | CYTOPLASMIC. |
| FT | TRANSMEM | 1078 | 1098 | |
| FT | TOPO_DOM | 1099 | 1117 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1118 | 1138 | |
| FT | TOPO_DOM | 1139 | 1180 | CYTOPLASMIC. |
| // | | | | |

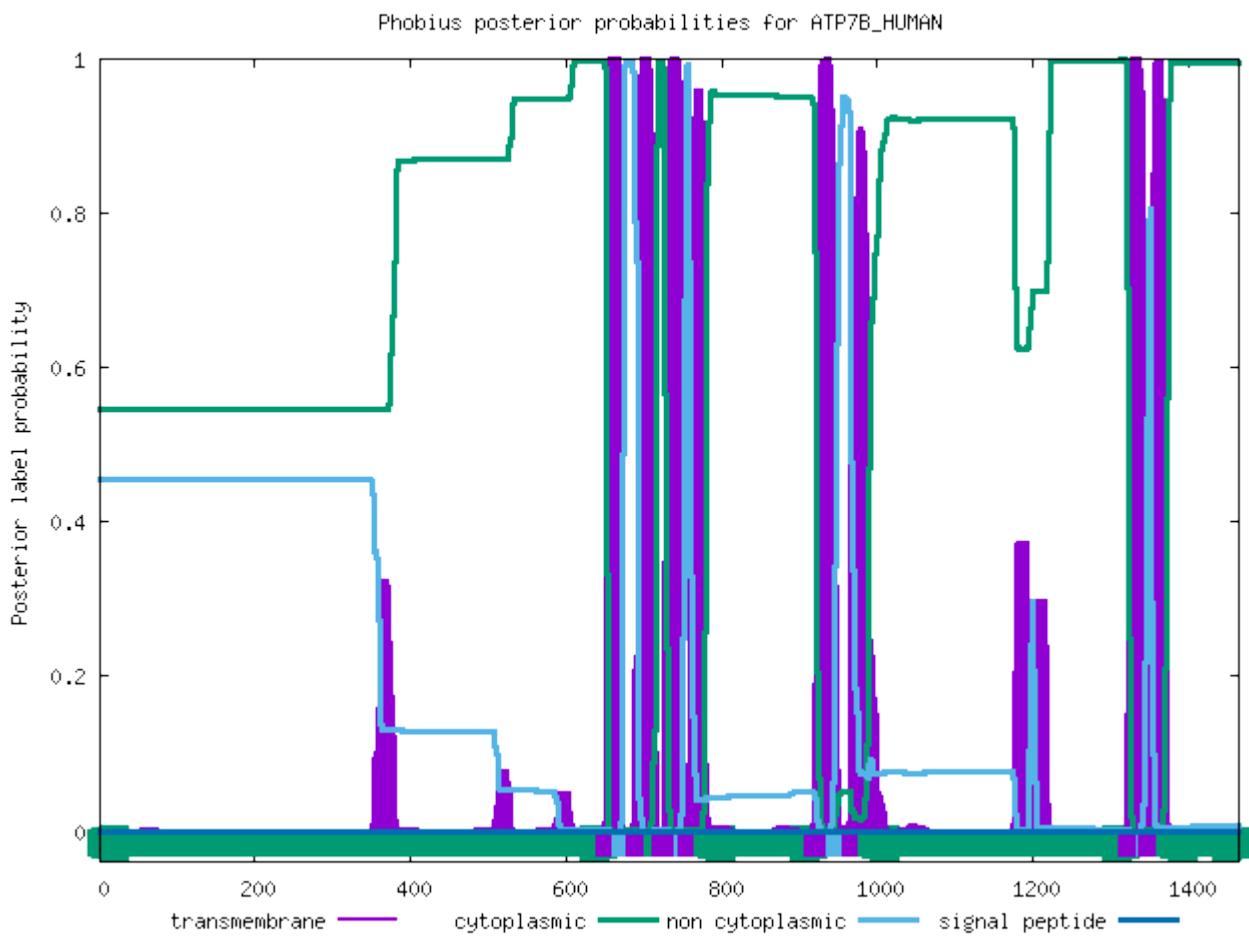
Phobius posterior probabilities for AT132_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ATP7B_HUMAN

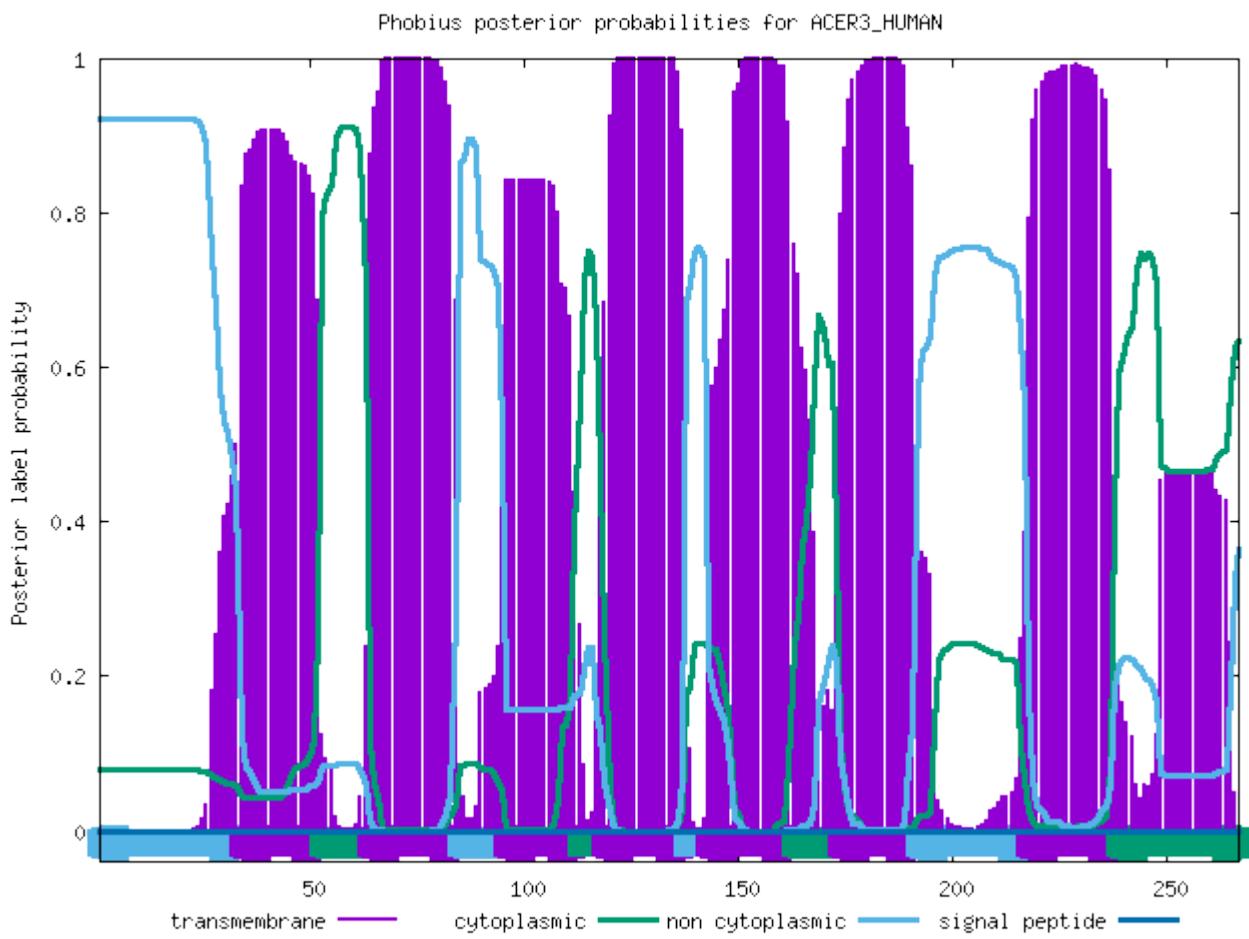
| ID | ATP7B_HUMAN | | | |
|----|-------------|------|------|------------------|
| FT | TOPO_DOM | 1 | 653 | CYTOPLASMIC. |
| FT | TRANSMEM | 654 | 673 | |
| FT | TOPO_DOM | 674 | 692 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 693 | 715 | |
| FT | TOPO_DOM | 716 | 726 | CYTOPLASMIC. |
| FT | TRANSMEM | 727 | 753 | |
| FT | TOPO_DOM | 754 | 758 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 759 | 780 | |
| FT | TOPO_DOM | 781 | 922 | CYTOPLASMIC. |
| FT | TRANSMEM | 923 | 950 | |
| FT | TOPO_DOM | 951 | 969 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 970 | 990 | |
| FT | TOPO_DOM | 991 | 1324 | CYTOPLASMIC. |
| FT | TRANSMEM | 1325 | 1347 | |
| FT | TOPO_DOM | 1348 | 1352 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 1353 | 1373 | |
| FT | TOPO_DOM | 1374 | 1465 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of ACER3_HUMAN

| ID | ACER3_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 33 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 34 | 52 | |
| FT | TOPO_DOM | 53 | 63 | CYTOPLASMIC. |
| FT | TRANSMEM | 64 | 84 | |
| FT | TOPO_DOM | 85 | 95 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 96 | 112 | |
| FT | TOPO_DOM | 113 | 118 | CYTOPLASMIC. |
| FT | TRANSMEM | 119 | 137 | |
| FT | TOPO_DOM | 138 | 142 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 143 | 162 | |
| FT | TOPO_DOM | 163 | 173 | CYTOPLASMIC. |
| FT | TRANSMEM | 174 | 191 | |
| FT | TOPO_DOM | 192 | 217 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 218 | 238 | |
| FT | TOPO_DOM | 239 | 267 | CYTOPLASMIC. |
| // | | | | |

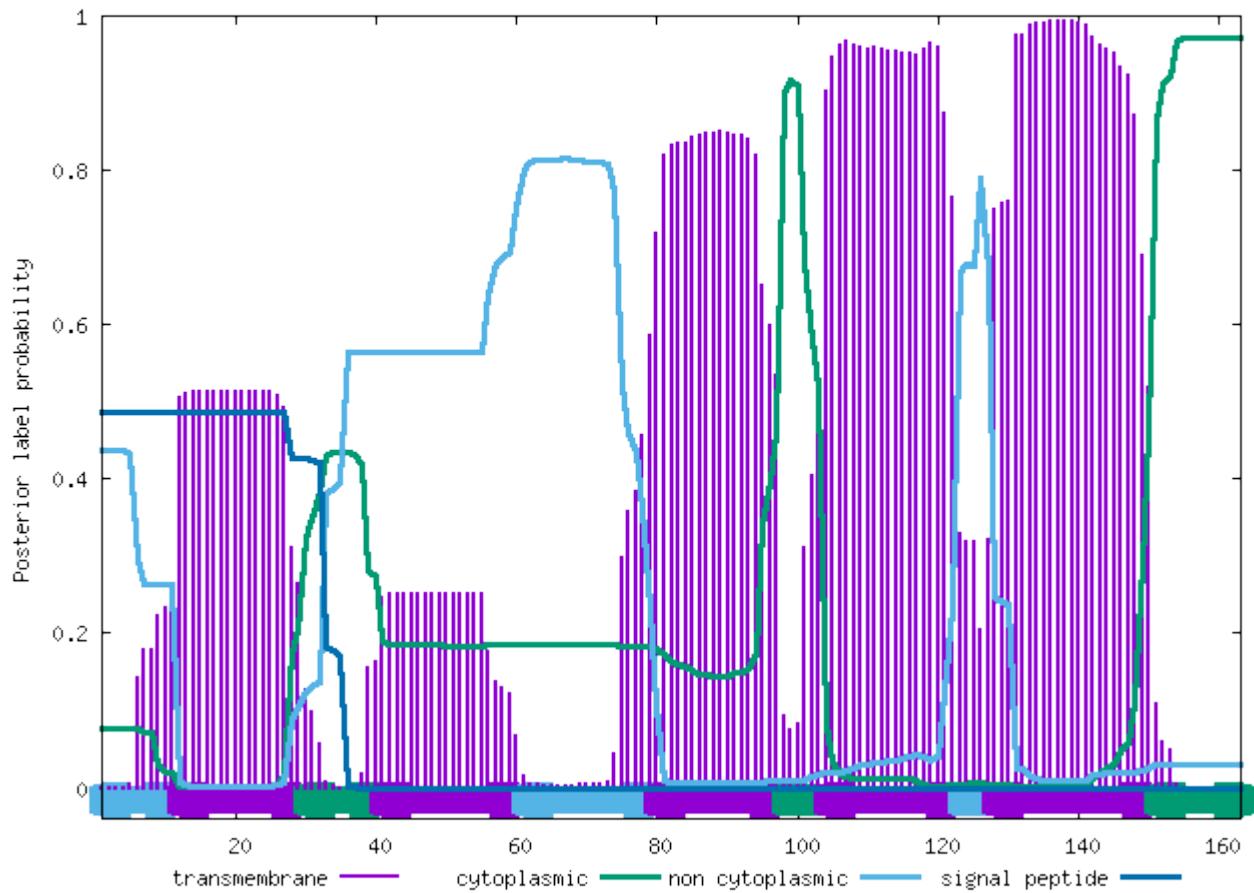


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of VKOR1_HUMAN

| ID | VKOR1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 29 | |
| FT | TOPO_DOM | 30 | 40 | CYTOPLASMIC. |
| FT | TRANSMEM | 41 | 60 | |
| FT | TOPO_DOM | 61 | 79 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 80 | 97 | |
| FT | TOPO_DOM | 98 | 103 | CYTOPLASMIC. |
| FT | TRANSMEM | 104 | 122 | |
| FT | TOPO_DOM | 123 | 127 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 128 | 150 | |
| FT | TOPO_DOM | 151 | 163 | CYTOPLASMIC. |
| // | | | | |

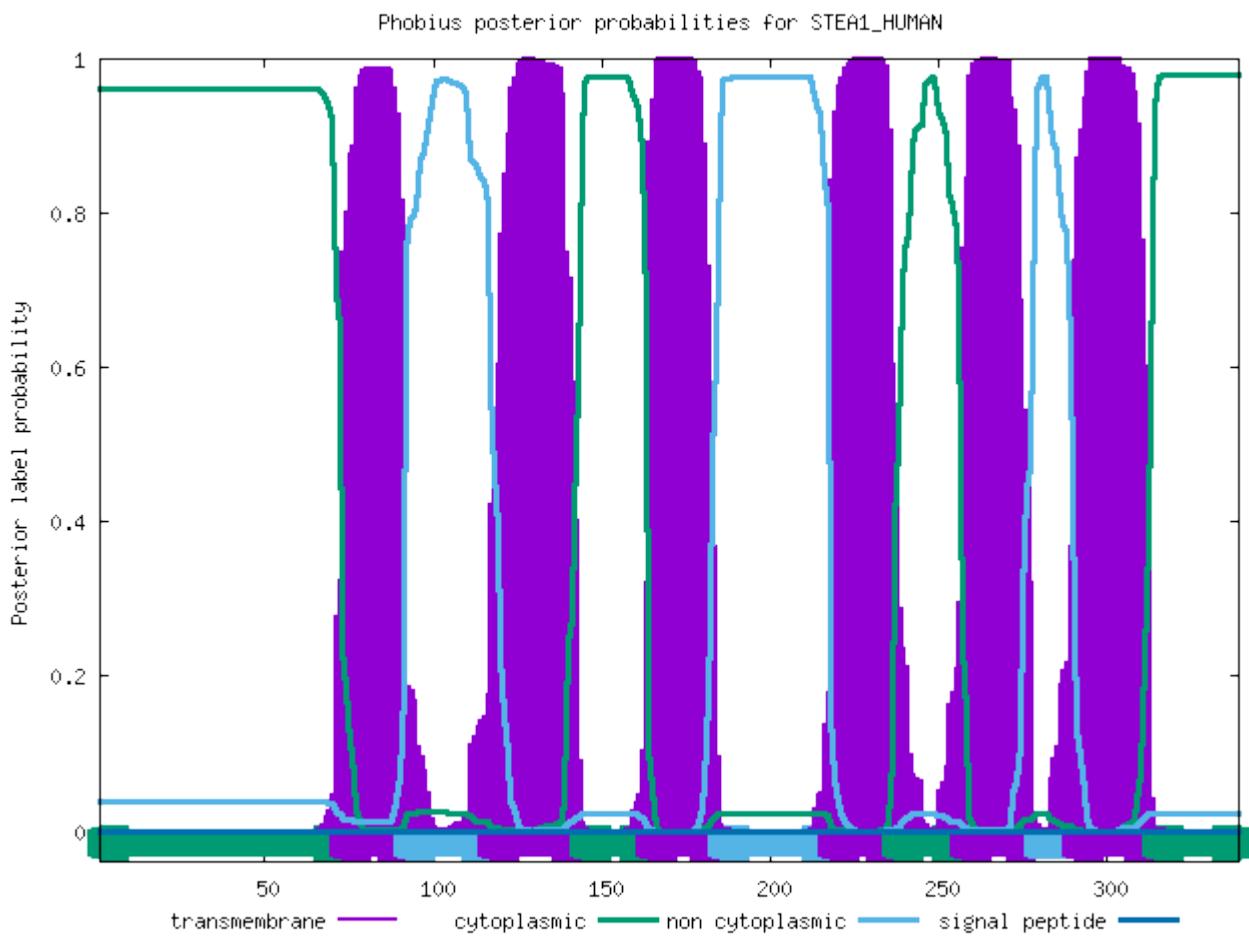
Phobius posterior probabilities for VKOR1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STEA1_HUMAN

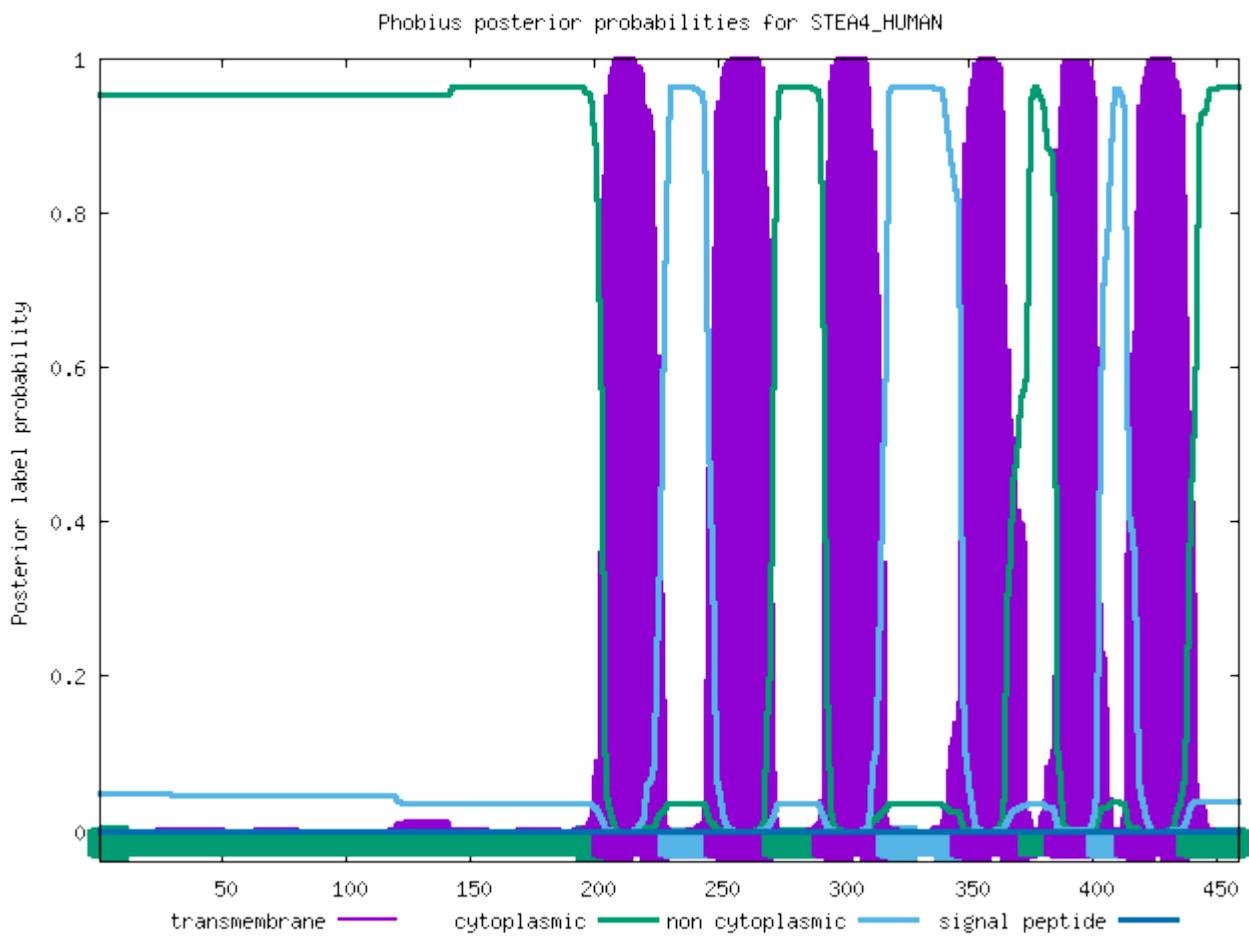
| ID | STEA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 72 | CYTOPLASMIC. |
| FT | TRANSMEM | 73 | 91 | |
| FT | TOPO_DOM | 92 | 116 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 117 | 143 | |
| FT | TOPO_DOM | 144 | 163 | CYTOPLASMIC. |
| FT | TRANSMEM | 164 | 184 | |
| FT | TOPO_DOM | 185 | 217 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 218 | 236 | |
| FT | TOPO_DOM | 237 | 256 | CYTOPLASMIC. |
| FT | TRANSMEM | 257 | 278 | |
| FT | TOPO_DOM | 279 | 289 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 290 | 313 | |
| FT | TOPO_DOM | 314 | 339 | CYTOPLASMIC. |
| // | | | | |



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of STEA4_HUMAN

| ID | STEA4_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 203 | CYTOPLASMIC. |
| FT | TRANSMEM | 204 | 229 | |
| FT | TOPO_DOM | 230 | 248 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 249 | 271 | |
| FT | TOPO_DOM | 272 | 291 | CYTOPLASMIC. |
| FT | TRANSMEM | 292 | 317 | |
| FT | TOPO_DOM | 318 | 347 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 348 | 374 | |
| FT | TOPO_DOM | 375 | 385 | CYTOPLASMIC. |
| FT | TRANSMEM | 386 | 402 | |
| FT | TOPO_DOM | 403 | 413 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 414 | 438 | |
| FT | TOPO_DOM | 439 | 459 | CYTOPLASMIC. |
| // | | | | |

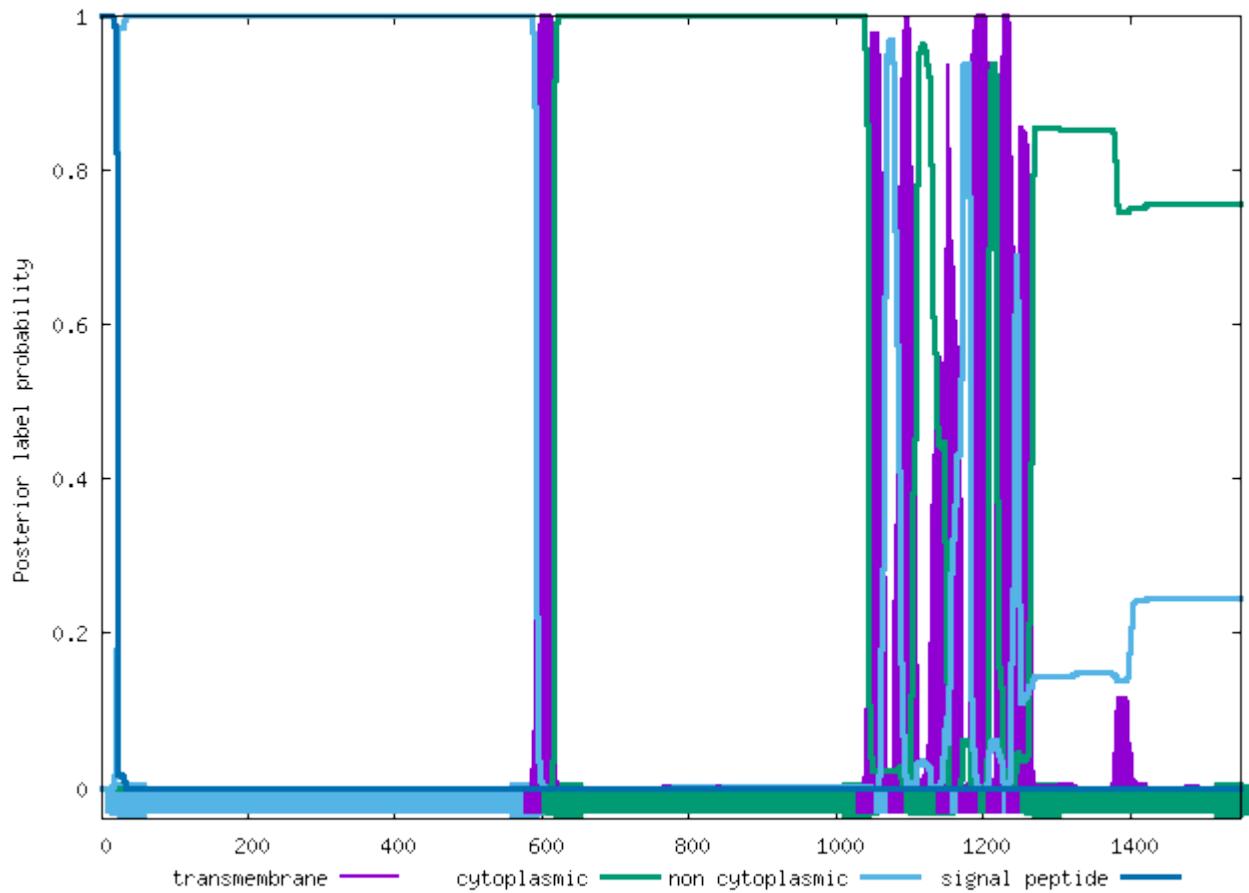


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DUOX1_HUMAN

| ID | DUOX1_HUMAN | | |
|----|-------------|------|------|
| FT | SIGNAL | 1 | 21 |
| FT | REGION | 1 | 2 |
| FT | REGION | 3 | 13 |
| FT | REGION | 14 | 21 |
| FT | TOPO_DOM | 22 | 592 |
| FT | TRANSMEM | 593 | 617 |
| FT | TOPO_DOM | 618 | 1044 |
| FT | TRANSMEM | 1045 | 1068 |
| FT | TOPO_DOM | 1069 | 1087 |
| FT | TRANSMEM | 1088 | 1109 |
| FT | TOPO_DOM | 1110 | 1151 |
| FT | TRANSMEM | 1152 | 1171 |
| FT | TOPO_DOM | 1172 | 1182 |
| FT | TRANSMEM | 1183 | 1209 |
| FT | TOPO_DOM | 1210 | 1220 |
| FT | TRANSMEM | 1221 | 1243 |
| FT | TOPO_DOM | 1244 | 1248 |
| FT | TRANSMEM | 1249 | 1266 |
| FT | TOPO_DOM | 1267 | 1551 |
| // | | | |

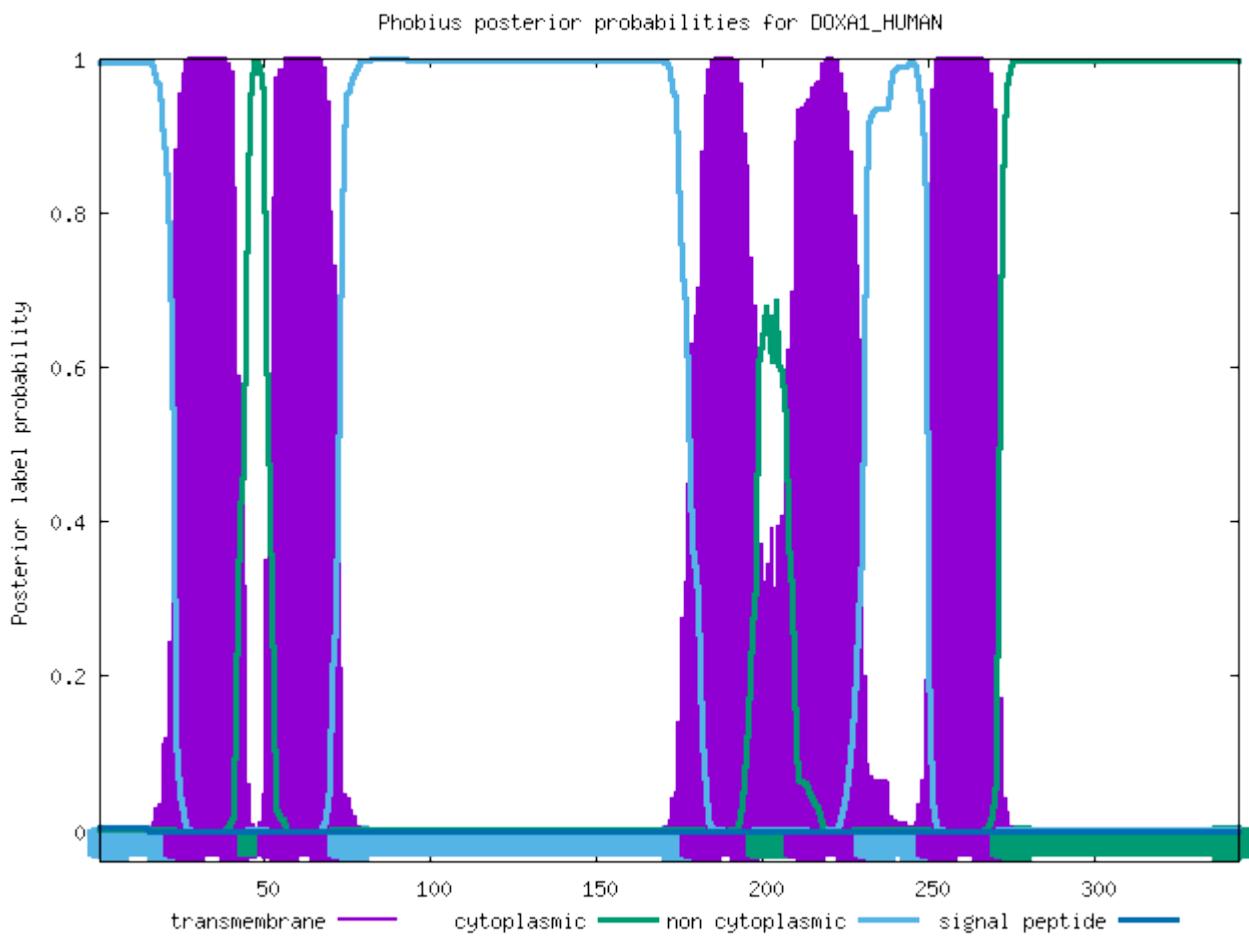
Phobius posterior probabilities for DUOX1_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DOXA1_HUMAN

| ID | DOXA1_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 23 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 24 | 45 | |
| FT | TOPO_DOM | 46 | 51 | CYTOPLASMIC. |
| FT | TRANSMEM | 52 | 72 | |
| FT | TOPO_DOM | 73 | 178 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 179 | 198 | |
| FT | TOPO_DOM | 199 | 209 | CYTOPLASMIC. |
| FT | TRANSMEM | 210 | 230 | |
| FT | TOPO_DOM | 231 | 249 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 250 | 271 | |
| FT | TOPO_DOM | 272 | 343 | CYTOPLASMIC. |
| // | | | | |

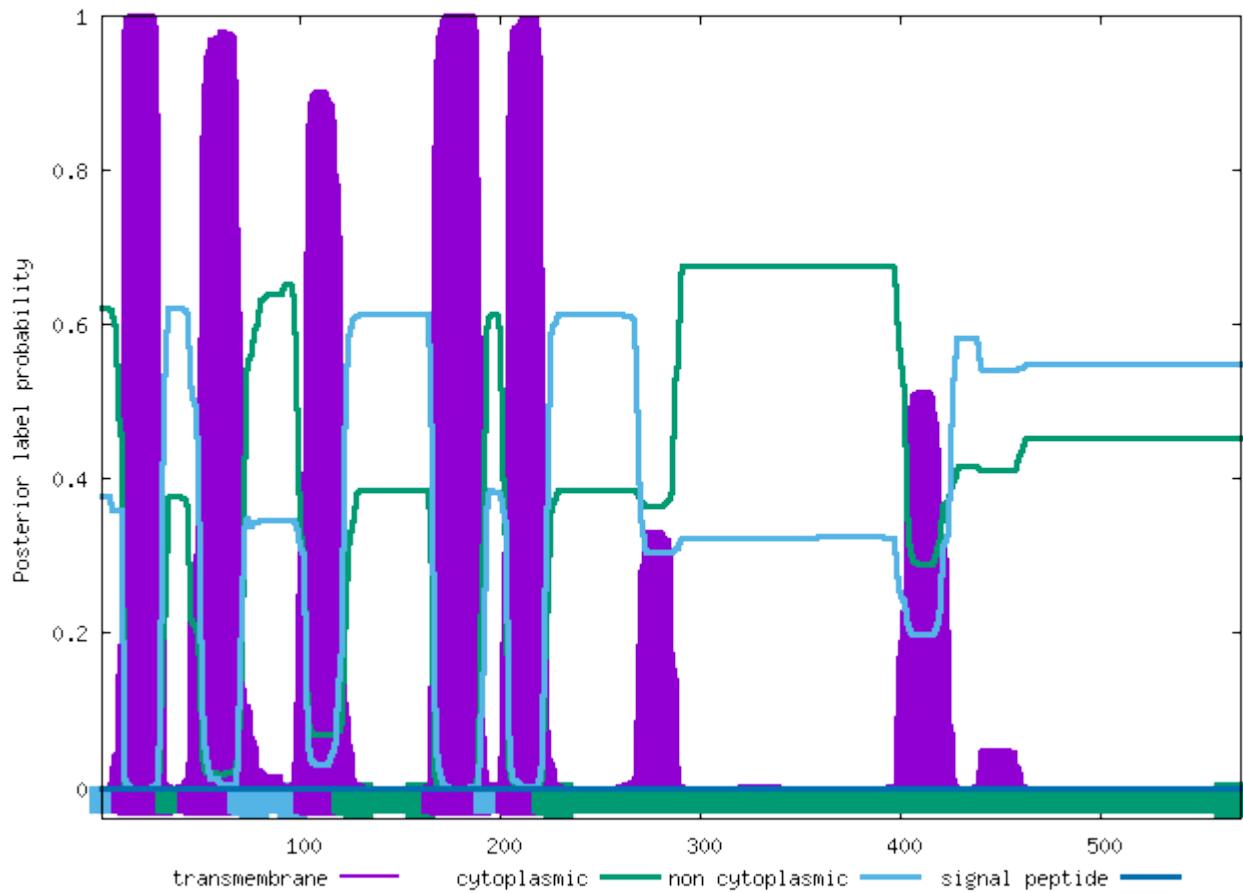


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CY24B_HUMAN

| ID | CY24B_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 33 | |
| FT | TOPO_DOM | 34 | 44 | CYTOPLASMIC. |
| FT | TRANSMEM | 45 | 69 | |
| FT | TOPO_DOM | 70 | 102 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 103 | 121 | |
| FT | TOPO_DOM | 122 | 166 | CYTOPLASMIC. |
| FT | TRANSMEM | 167 | 192 | |
| FT | TOPO_DOM | 193 | 203 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 204 | 221 | |
| FT | TOPO_DOM | 222 | 570 | CYTOPLASMIC. |
| // | | | | |

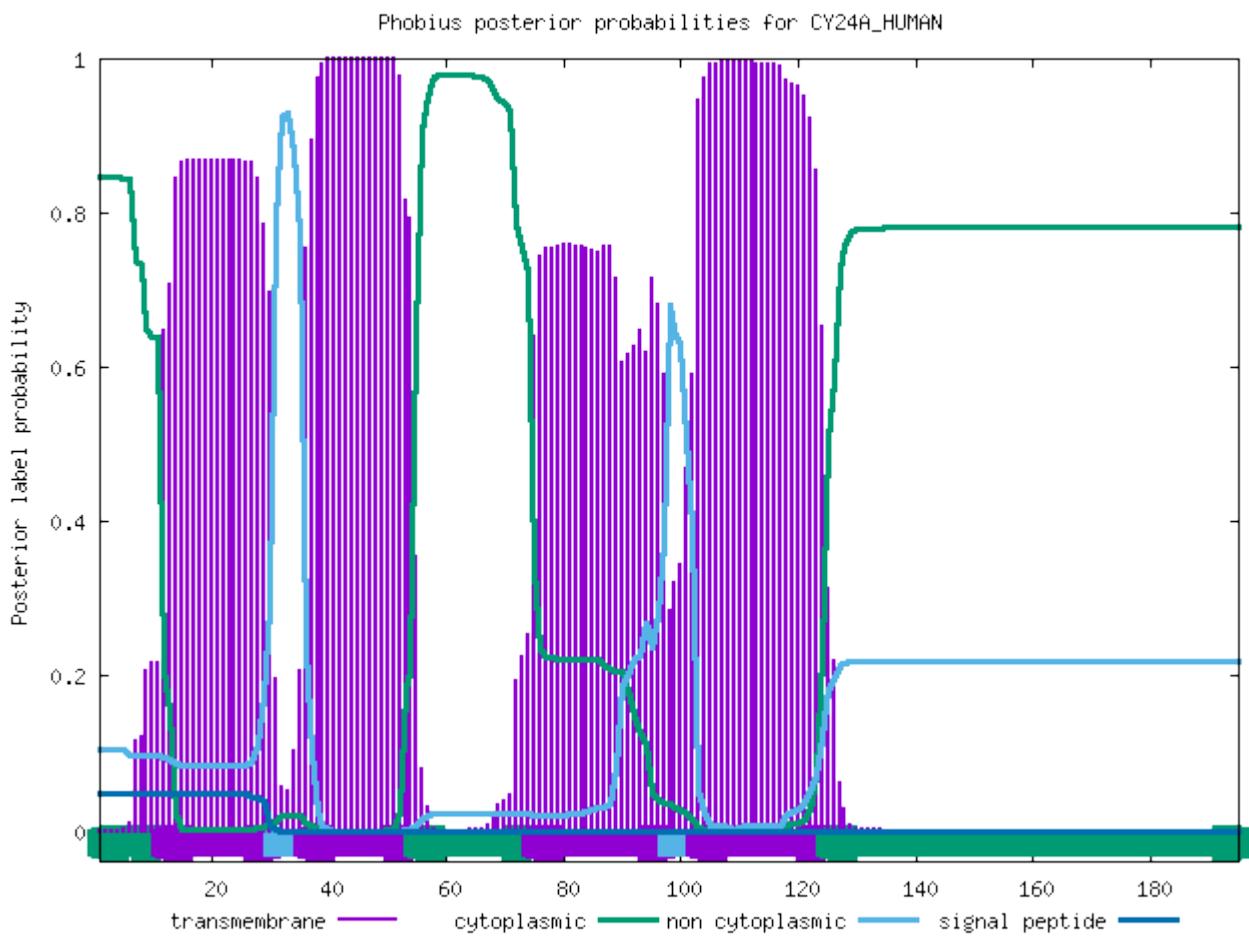
Phobius posterior probabilities for CY24B_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of CY24A_HUMAN

| ID | CY24A_HUMAN | | | |
|----|-------------|-----|-----|------------------|
| FT | TOPO_DOM | 1 | 11 | CYTOPLASMIC. |
| FT | TRANSMEM | 12 | 30 | |
| FT | TOPO_DOM | 31 | 35 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 36 | 54 | |
| FT | TOPO_DOM | 55 | 74 | CYTOPLASMIC. |
| FT | TRANSMEM | 75 | 97 | |
| FT | TOPO_DOM | 98 | 102 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 103 | 124 | |
| FT | TOPO_DOM | 125 | 195 | CYTOPLASMIC. |
| // | | | | |

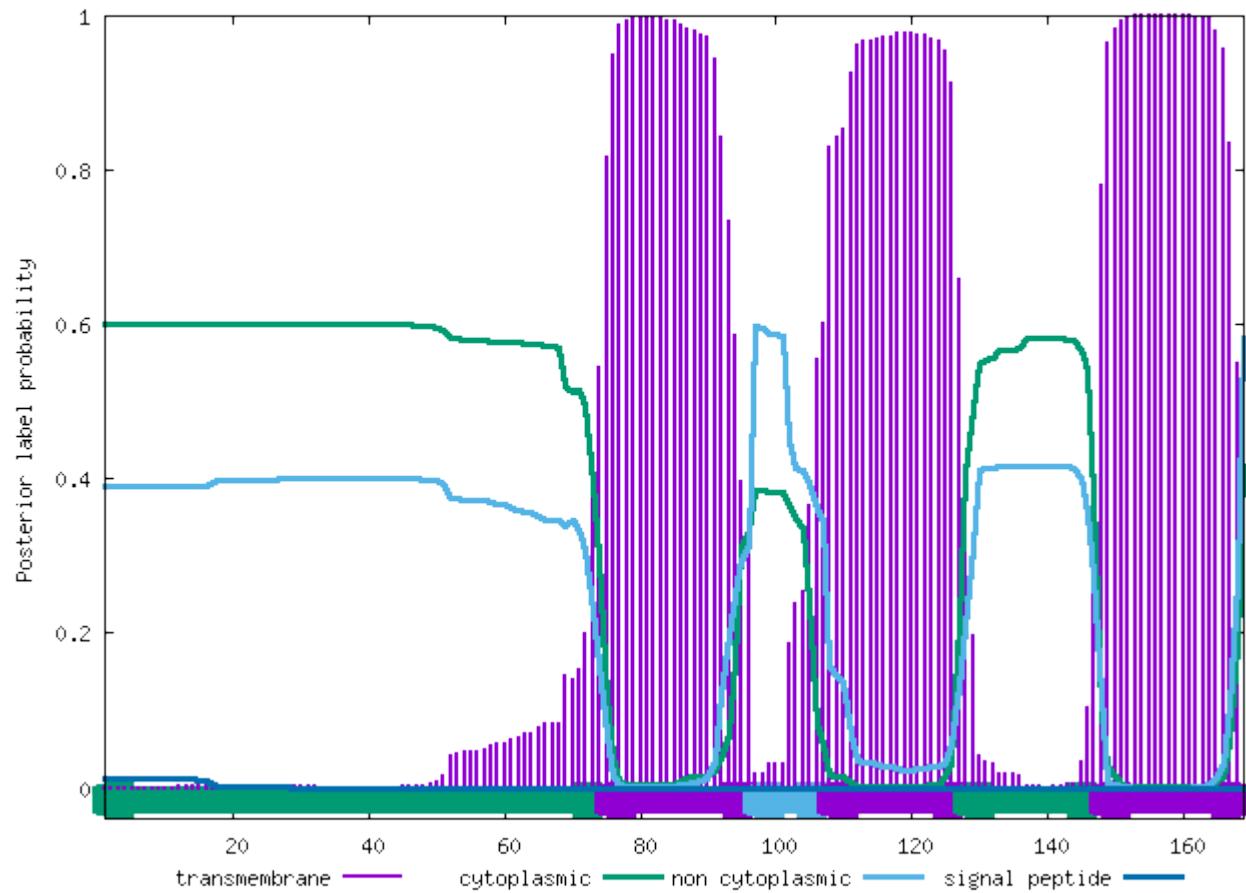


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of C560_HUMAN

| | | | | |
|----|------------|-----|-----|------------------|
| ID | C560_HUMAN | | | |
| FT | TOPO_DOM | 1 | 74 | CYTOPLASMIC. |
| FT | TRANSMEM | 75 | 96 | |
| FT | TOPO_DOM | 97 | 107 | NON CYTOPLASMIC. |
| FT | TRANSMEM | 108 | 127 | |
| FT | TOPO_DOM | 128 | 147 | CYTOPLASMIC. |
| FT | TRANSMEM | 148 | 168 | |
| FT | TOPO_DOM | 169 | 169 | NON CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for C560_HUMAN

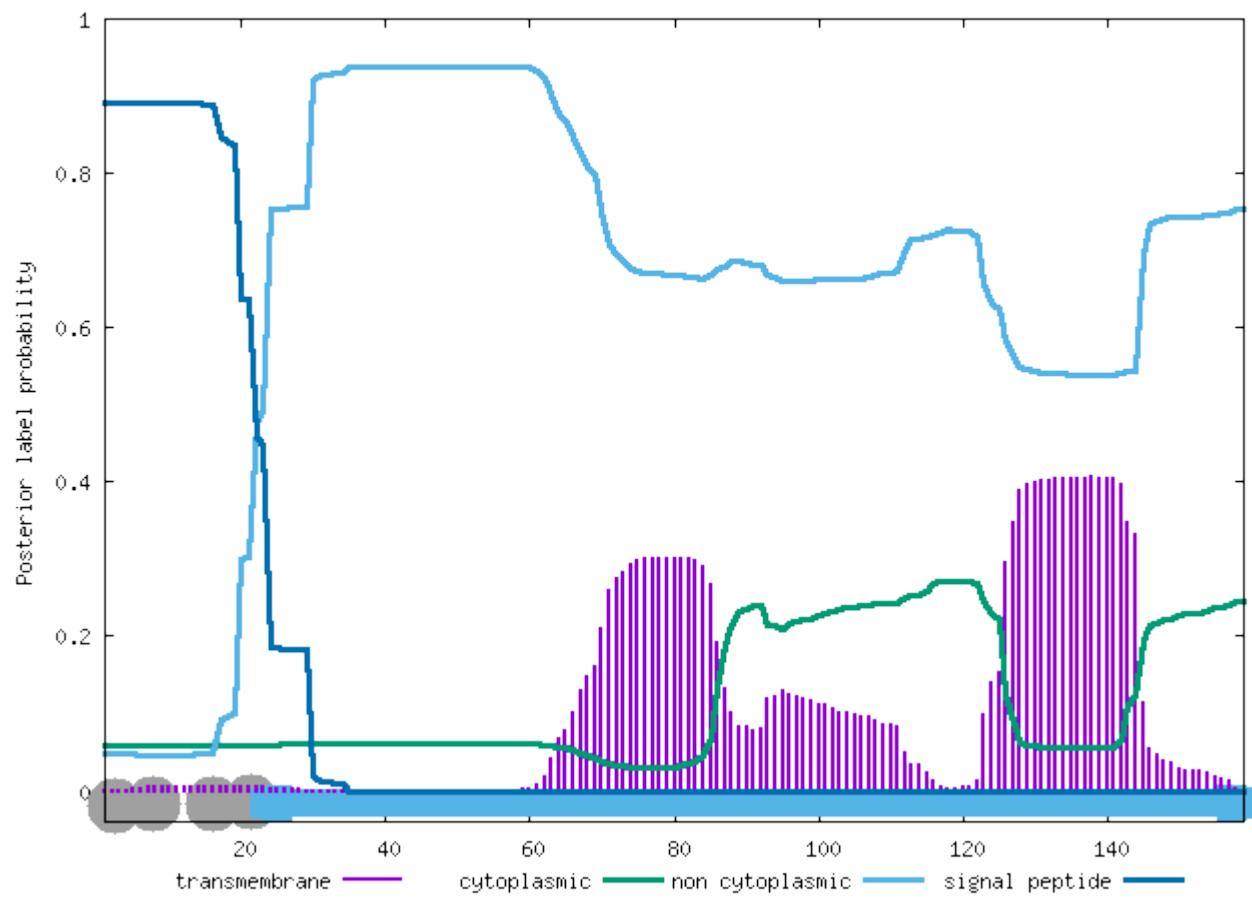


The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).

Prediction of DHSD_HUMAN

| ID | DHSD_HUMAN | | | |
|----|------------|----|-----|------------------|
| FT | SIGNAL | 1 | 22 | |
| FT | REGION | 1 | 2 | N-REGION. |
| FT | REGION | 3 | 14 | H-REGION. |
| FT | REGION | 15 | 22 | C-REGION. |
| FT | TOPO_DOM | 23 | 159 | NON CYTOPLASMIC. |
| // | | | | |

Phobius posterior probabilities for DHSD_HUMAN



The probability data used in the plot is found [here](#), and the gnuplot script is [here](#).
