

# PŘÍLOHA 1

## GRAFY PARAMETRŮ A PREDIKCE SEKUNDÁRNÍ STRUKTURY VYBRANÝCH rSULT a rNAT

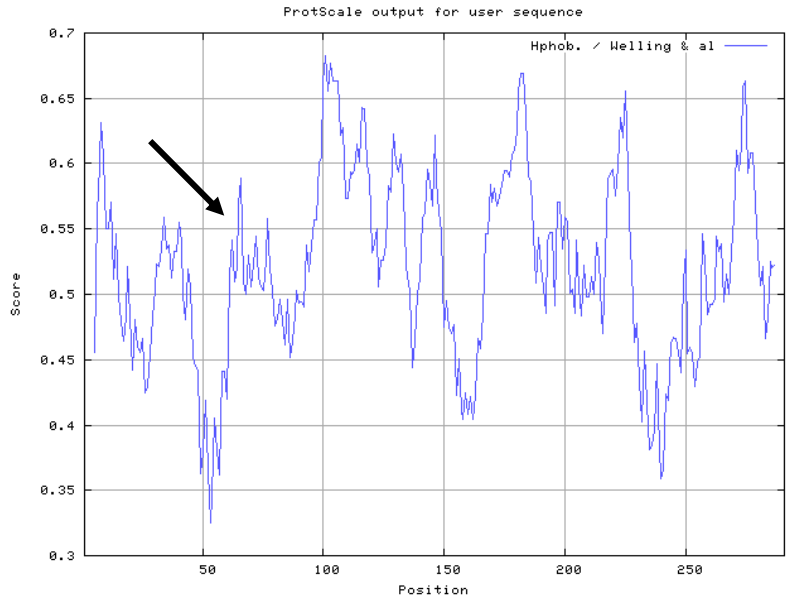
Obr. 1: rSULT1A1 antigenicita .....	2
Obr. 2: rSULT1A1 expozice.....	2
Obr. 3: rSULT1A1 přístupné aminokyselinové zbytky .....	2
Obr. 4: rSULT1A1 hydrofilita .....	3
Obr. 5: rSULT1A1 sekundární struktura .....	3
Obr. 6: rSULT1B1 antigenicita.....	4
Obr. 7: rSULT1B1 expozice .....	4
Obr. 8: rSULT1B1 přístupné aminokyselinové zbytky .....	4
Obr. 9: rSULT1B1 hydrofilita .....	5
Obr. 10: rSULT1B1 sekundární struktura.....	5
Obr. 11: rSULT1C1 antigenicita.....	6
Obr. 12: rSULT1C1 expozice .....	6
Obr. 13: rSULT1C1 přístupné aminokyselinové zbytky .....	6
Obr. 14: rSULT1C1 hydrofilita .....	7
Obr. 15: rSULT1C1 sekundární struktura.....	7
Obr. 16: rSULT1C2 antigenicita.....	8
Obr. 17: rSULT1C2 expozice .....	8
Obr. 18: rSULT1C2 přístupné aminokyselinové zbytky .....	8
Obr. 19: rSULT1C2 hydrofilita .....	9
Obr. 20: rSULT1C2 sekundární struktura.....	9
Obr. 21: rSULT1E1 antigenicita.....	10
Obr. 22: rSULT1E1 expozice .....	10
Obr. 23: rSULT1E1 přístupné aminokyselinové zbytky.....	10
Obr. 24: rSULT1E1 hydrofilita.....	11
Obr. 25: rSULT1E1 sekundární struktura.....	11
Obr. 26: rSULT2A1 antigenicita .....	12
Obr. 27: rSULT2A1 expozice.....	12
Obr. 28: rSULT2A1 přístupné aminokyselinové zbytky .....	12
Obr. 29: rSULT2A1 hydrofilita .....	13
Obr. 30: rSULT2A1 sekundární struktura .....	13
Obr. 31: rNAT1 antigenicita .....	14
Obr. 32: rNAT1 expozice .....	14
Obr. 33: rNAT1 přístupné aminokyselinové zbytky.....	14
Obr. 34: rNAT1 hydrofilita.....	15
Obr. 35: rNAT1 sekundární struktura .....	15
Obr. 36: rNAT2 antigenicita .....	16
Obr. 37: rNAT2 expozice .....	16
Obr. 38: rNAT2 přístupné aminokyselinové zbytky.....	16
Obr. 39: rNAT2 hydrofilita.....	17
Obr. 40: rNAT2 sekundární struktura .....	17

### Vysvětlivky k obrázkům

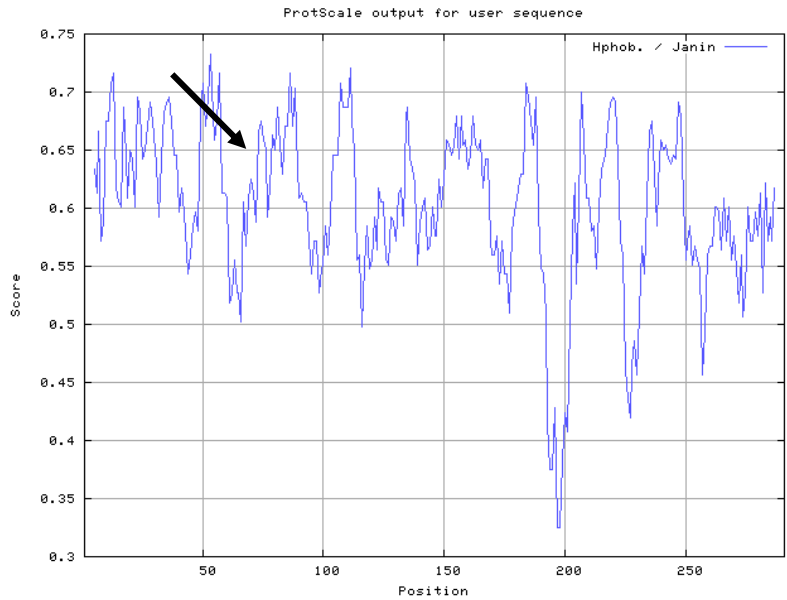
→ Označení aminokyselinové sekvence, která byla vybrána pro navržení peptidu příslušného enzymu, a jí odpovídající hodnoty posuzovaného parametru.

Podrobnější komentář k obrázkům viz kapitola 5.1 Kritéria pro navrhování peptidických imunogenů

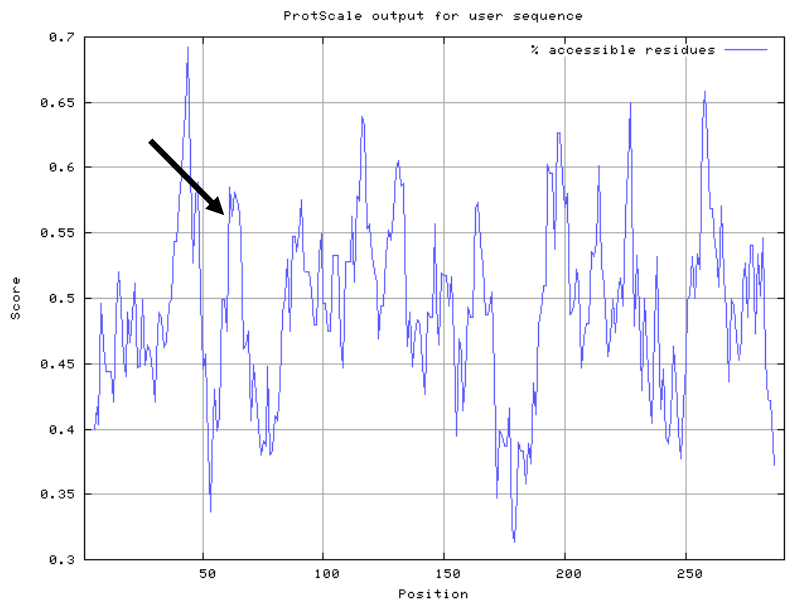
**1. rSULT1A1**



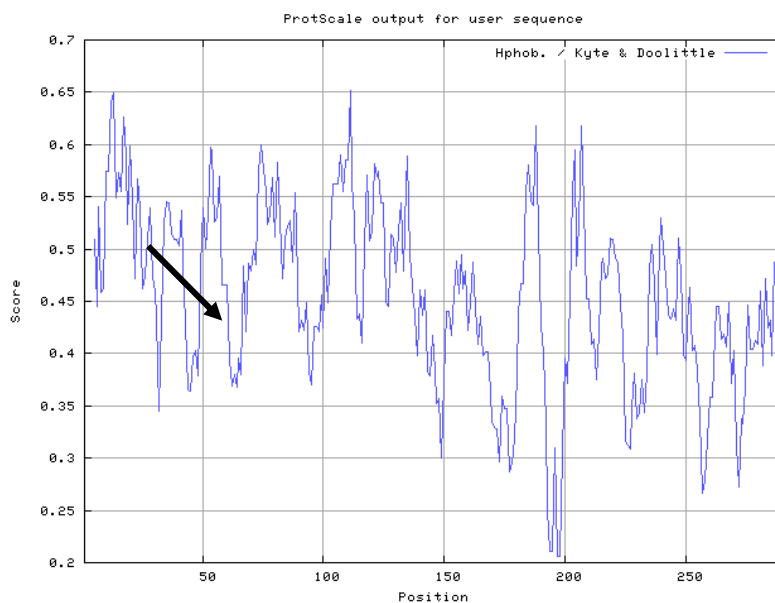
**Obr. 1: rSULT1A1 antigenicita**



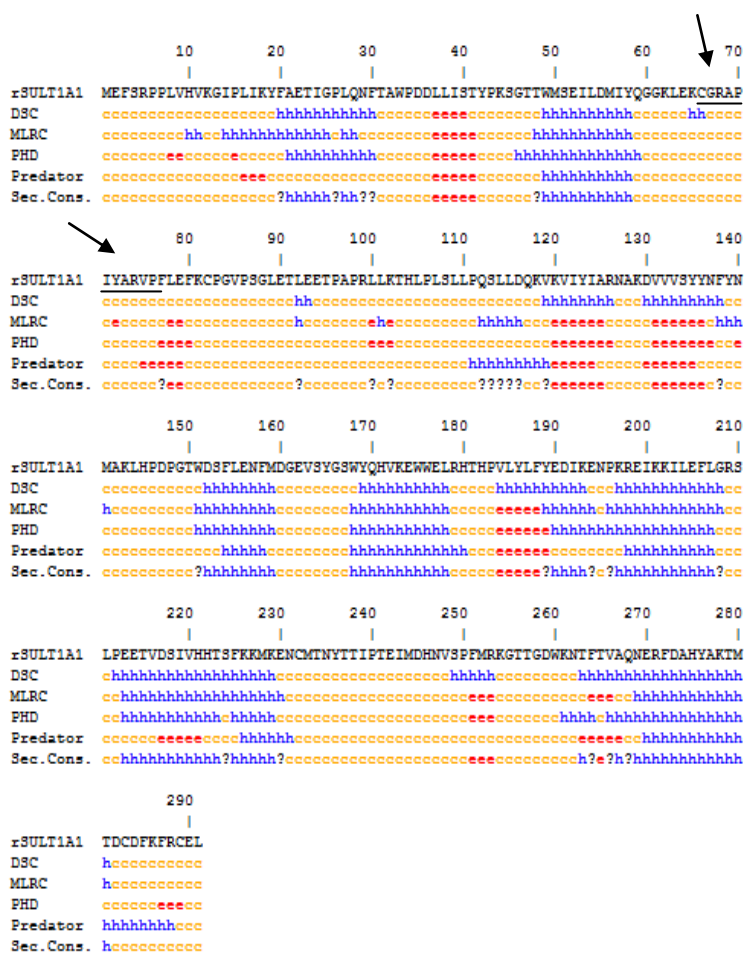
**Obr. 2: rSULT1A1 expozice**



**Obr. 3: rSULT1A1 přístupné aminokyselinové zbytky**

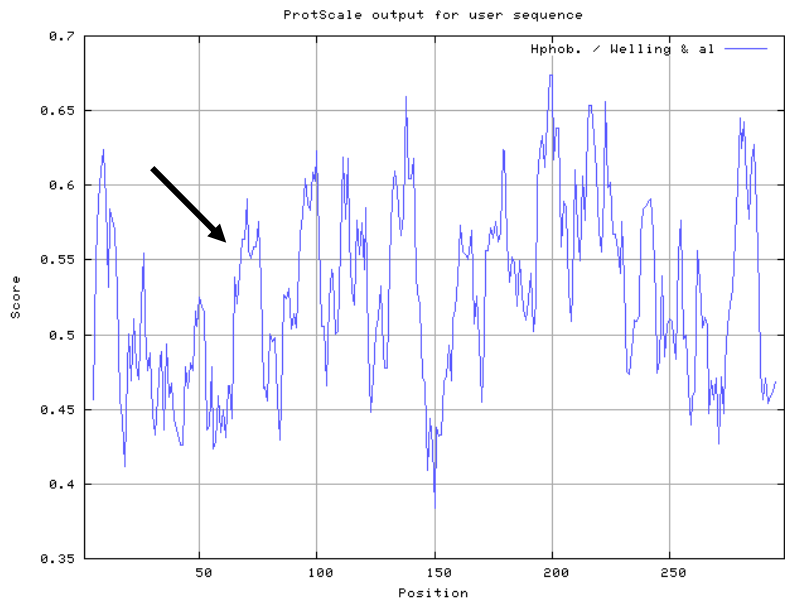


Obr. 4: rSULT1A1 hydrofilita

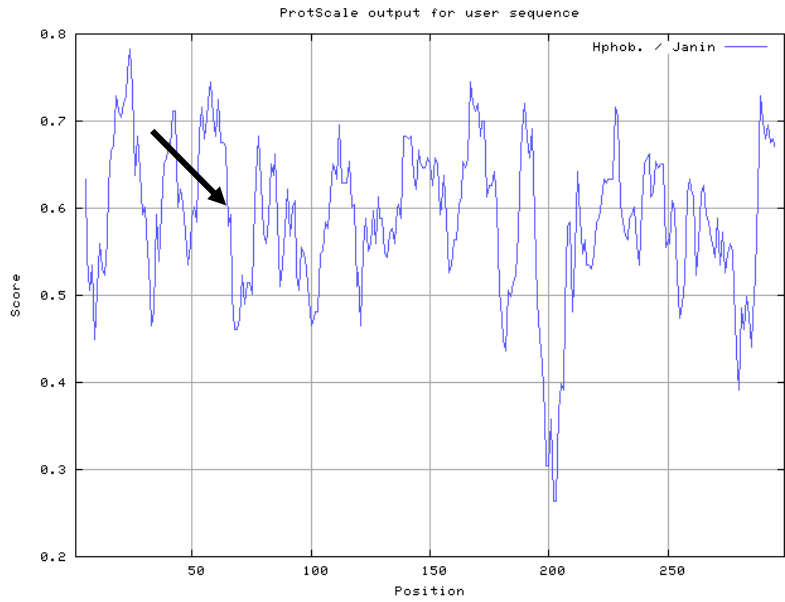


Obr. 5: rSULT1A1 sekundární struktura

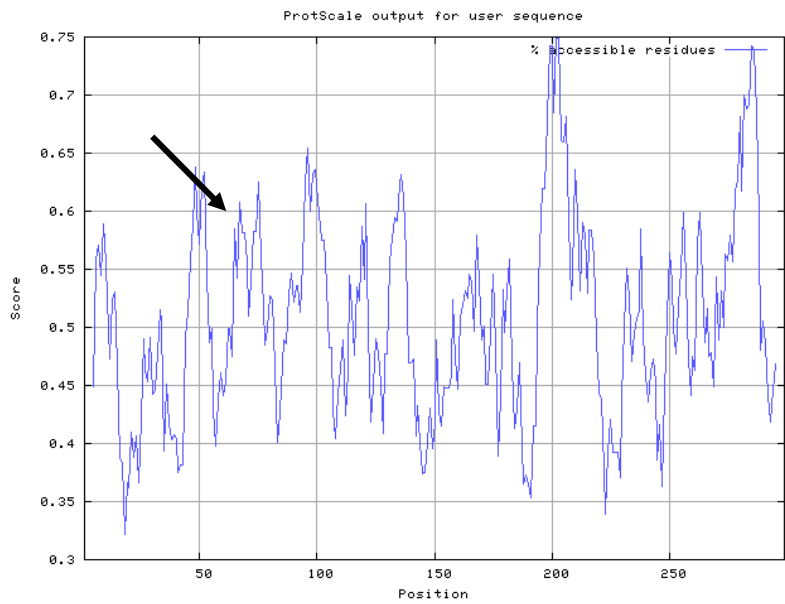
2. rSULT1B1



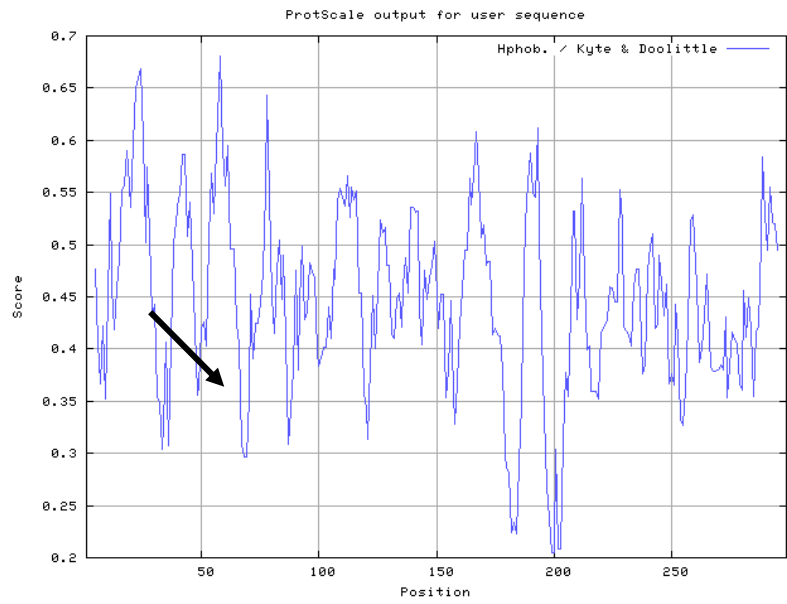
Obr. 6: rSULT1B1 antigenicita



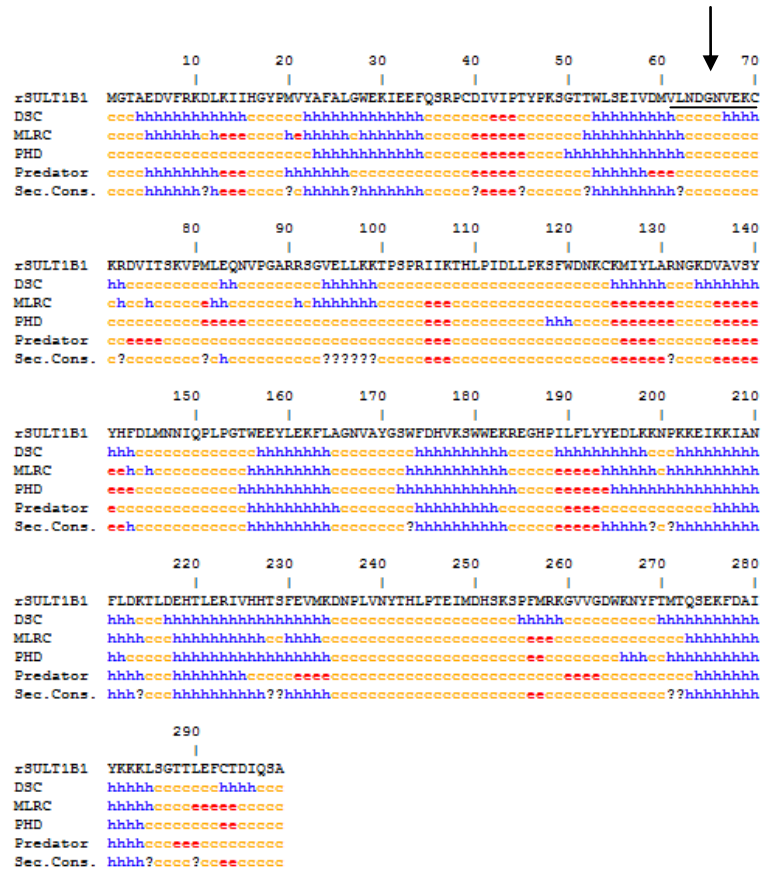
Obr. 7: rSULT1B1 expozice



Obr. 8: rSULT1B1 přístupné aminokyselinové zbytky

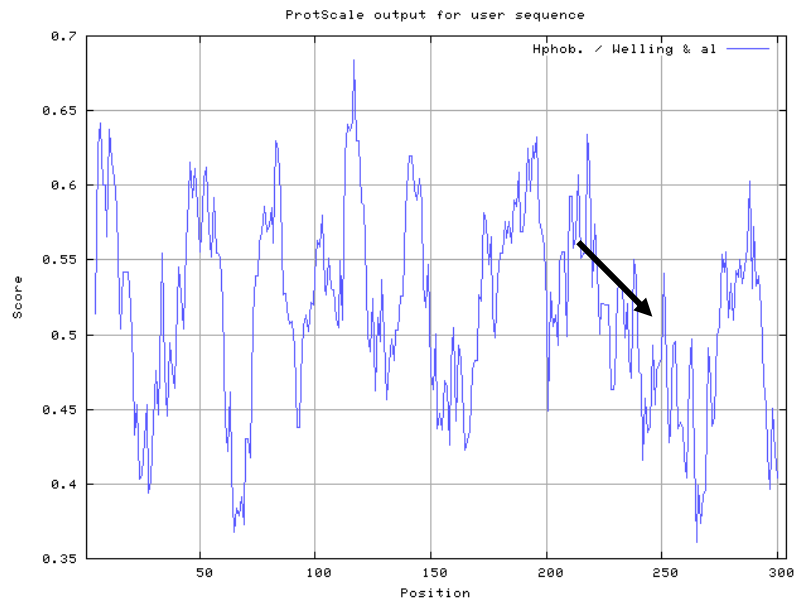


Obr. 9: rSULT1B1 hydrofilita

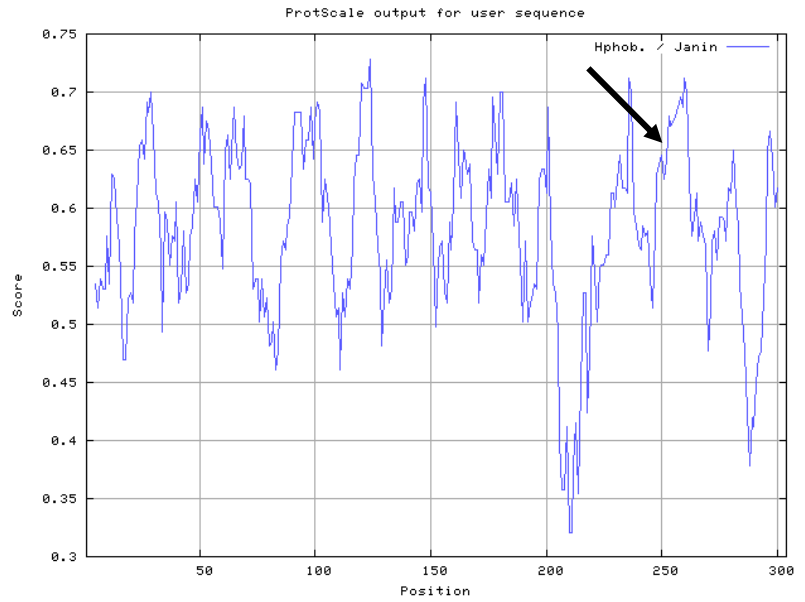


Obr. 10: rSULT1B1 sekundární struktura

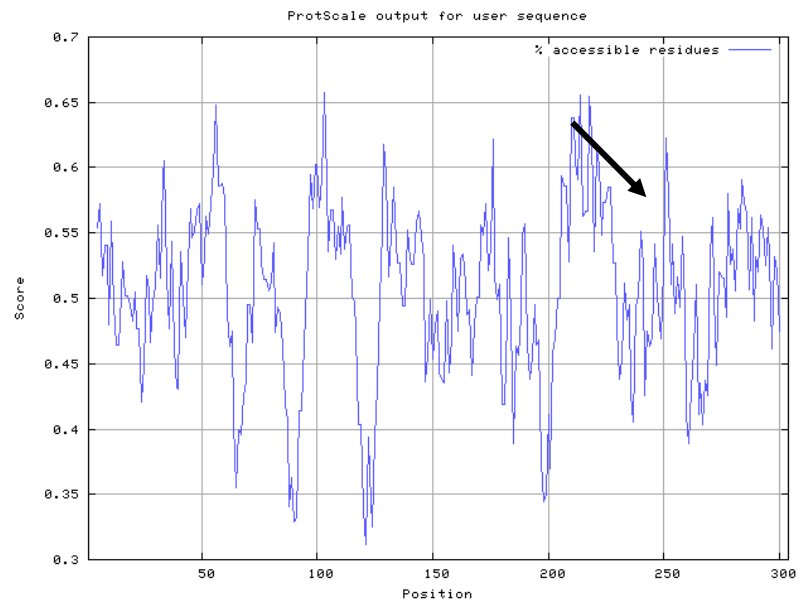
### 3. rSULT1C1



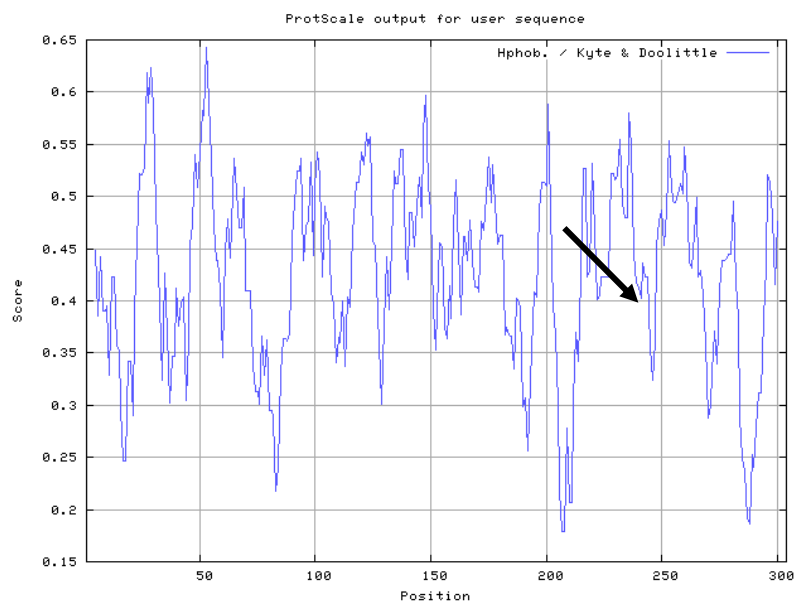
Obr. 11: rSULT1C1 antigenicita



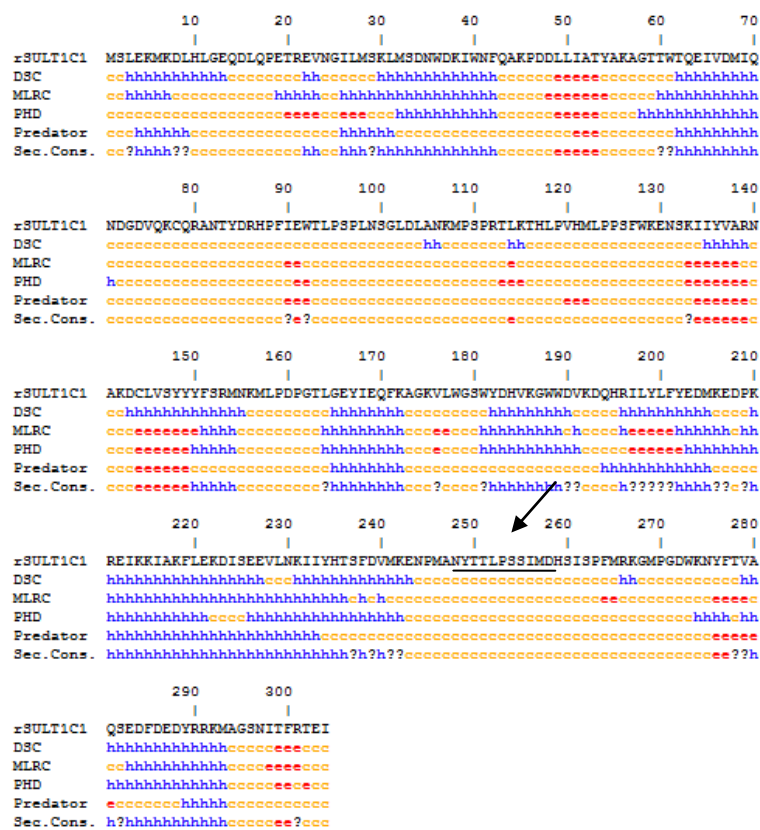
Obr. 12: rSULT1C1 expozice



Obr. 13: rSULT1C1 přístupné aminokyselinové zbytky

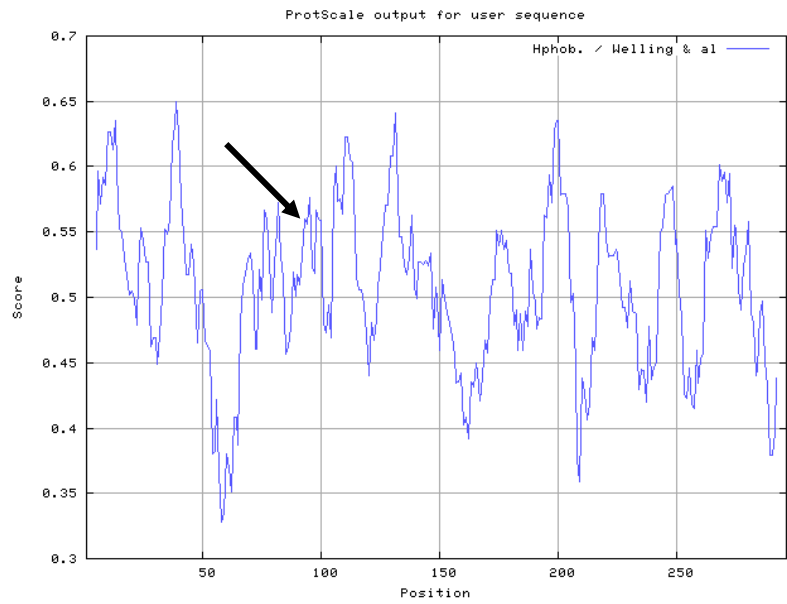


Obr. 14: rSULT1C1 hydrofilita

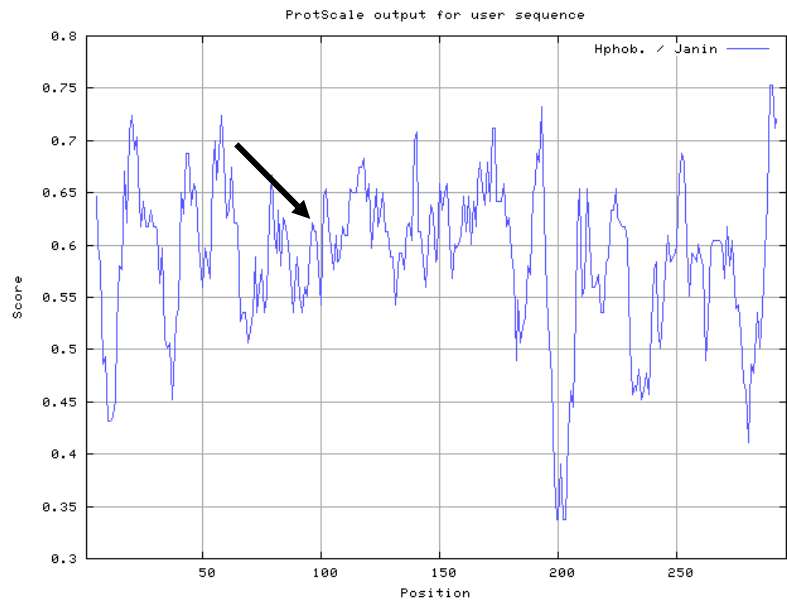


Obr. 15: rSULT1C1 sekundární struktura

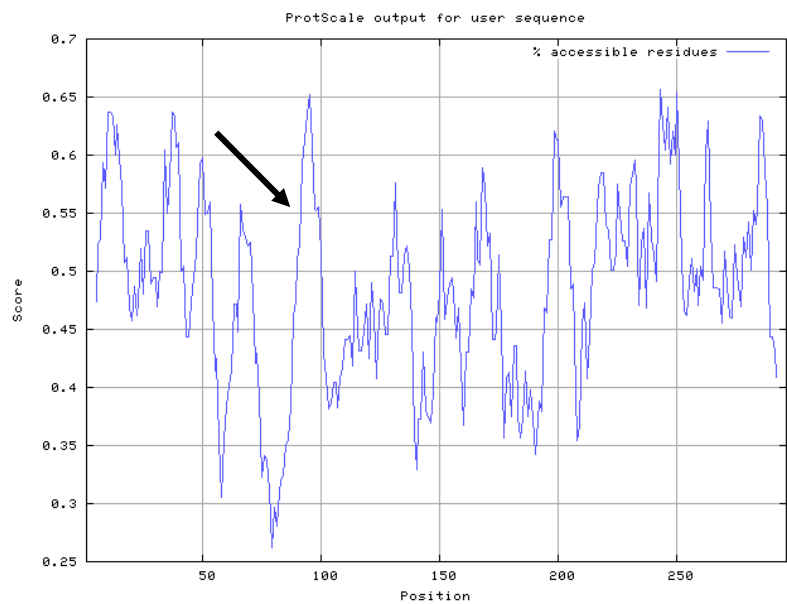
#### 4. rSULT1C2



Obr. 16: rSULT1C2 antigenicita

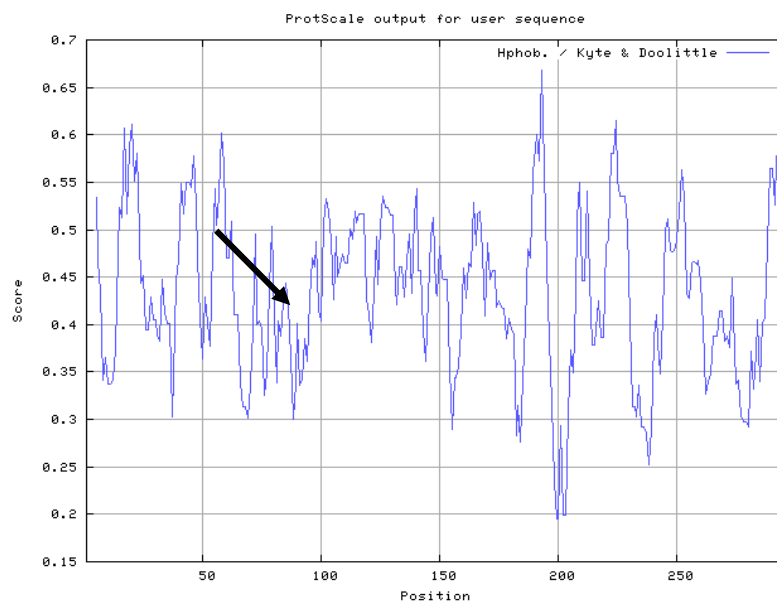


Obr. 17: rSULT1C2 expozice

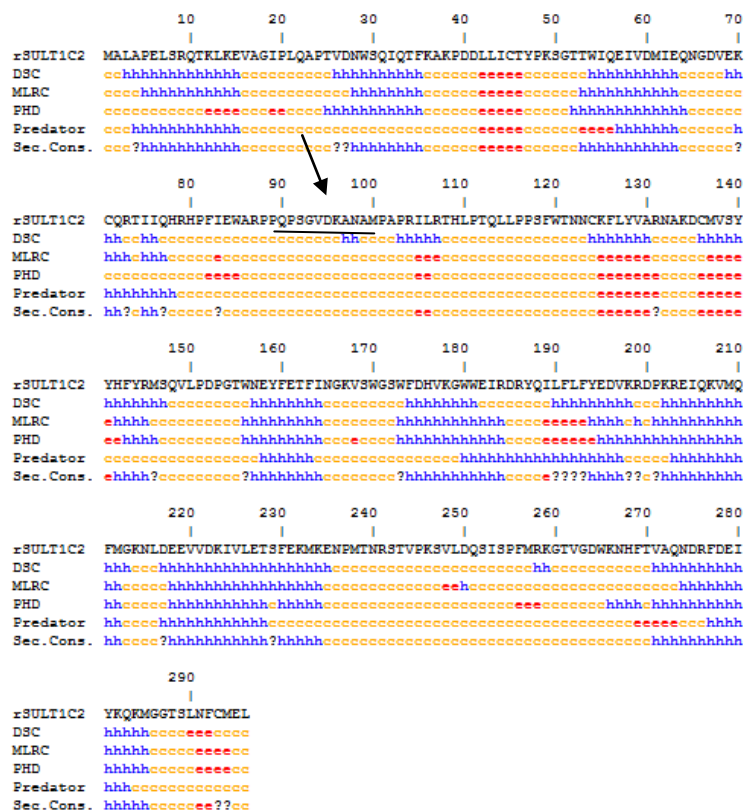


Obr. 18: rSULT1C2 přístupné aminokyselinové zbytky



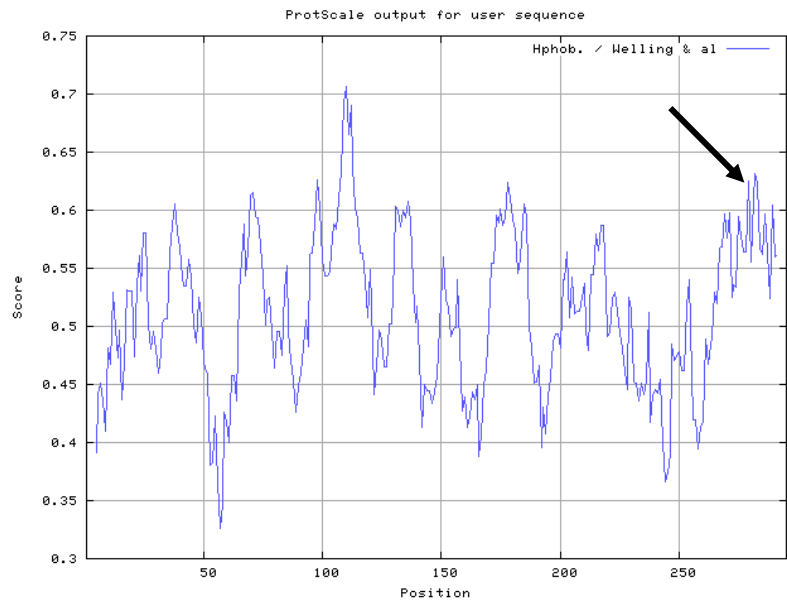


Obr. 19: rSULT1C2 hydrofilita

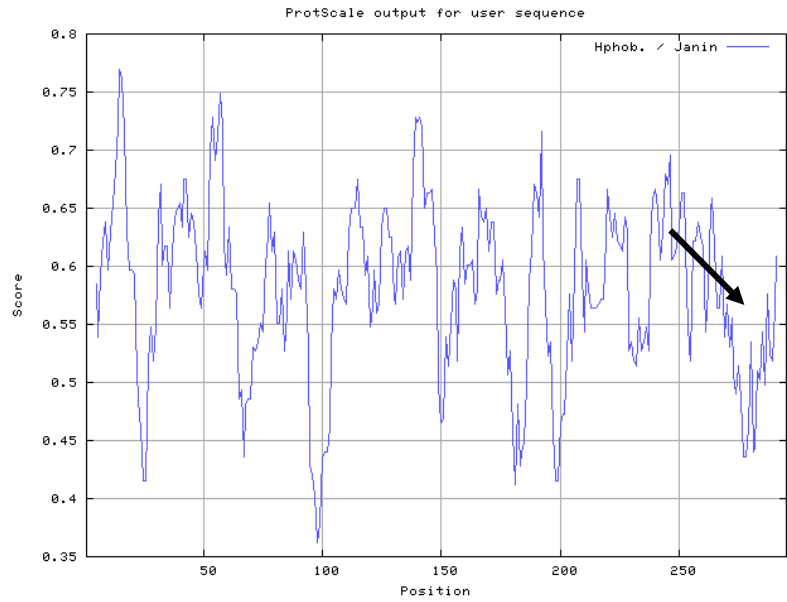


Obr. 20: rSULT1C2 sekundární struktura

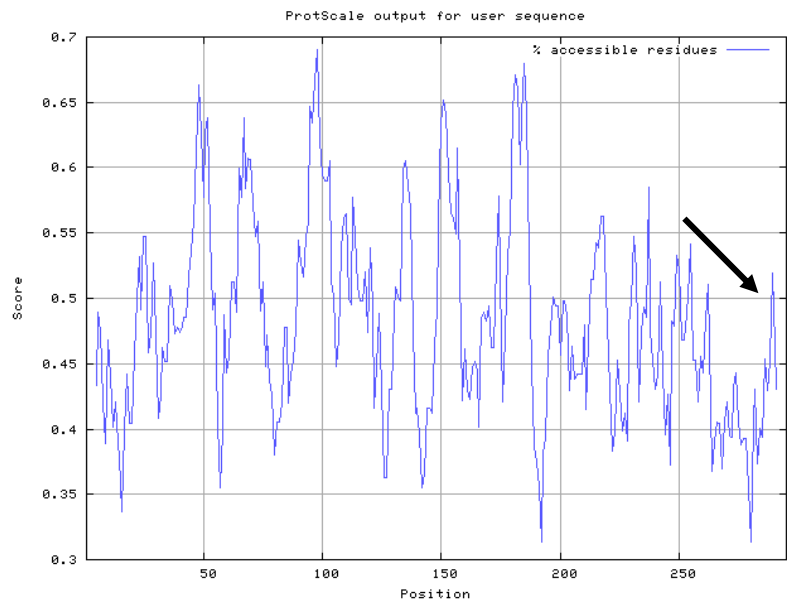
## 5. rSULT1E1



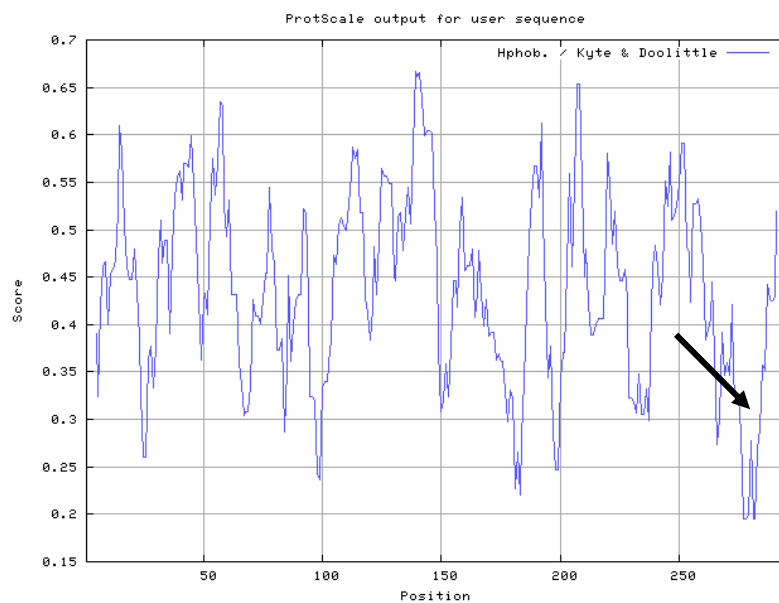
Obr. 21: rSULT1E1 antigenicita



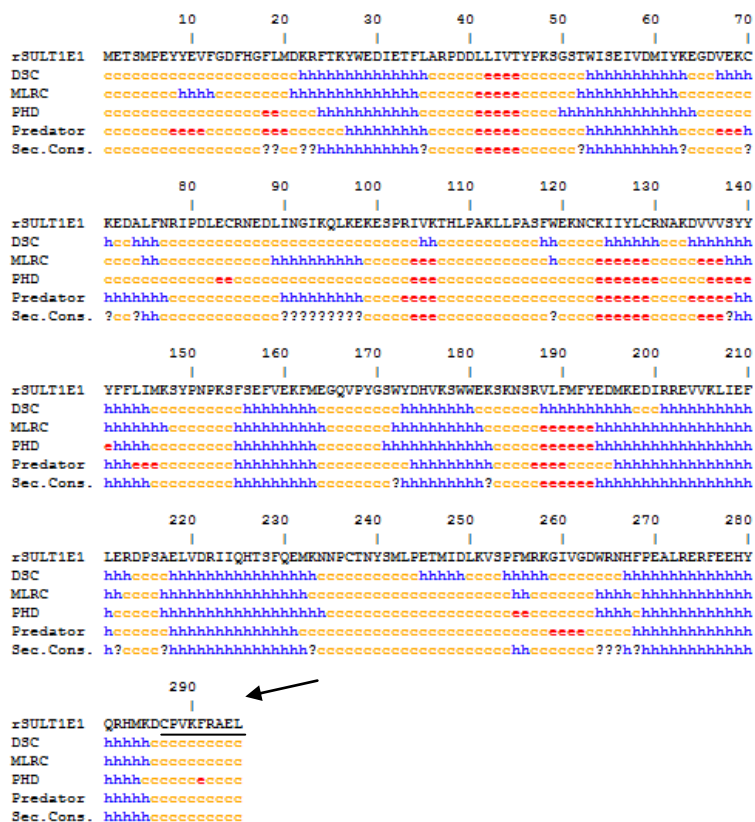
Obr. 22: rSULT1E1 expozice



Obr. 23: rSULT1E1 přístupné aminokyselinové zbytky

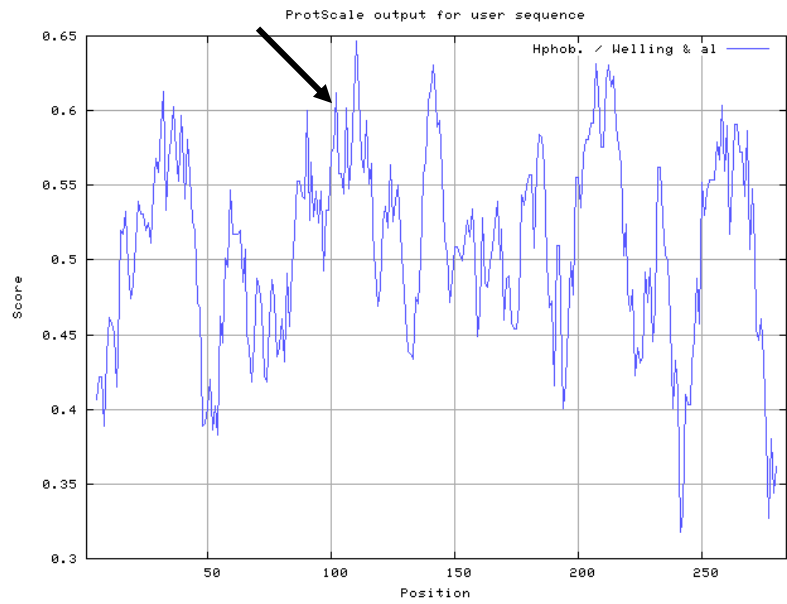


Obr. 24: rSULT1E1 hydrofilita

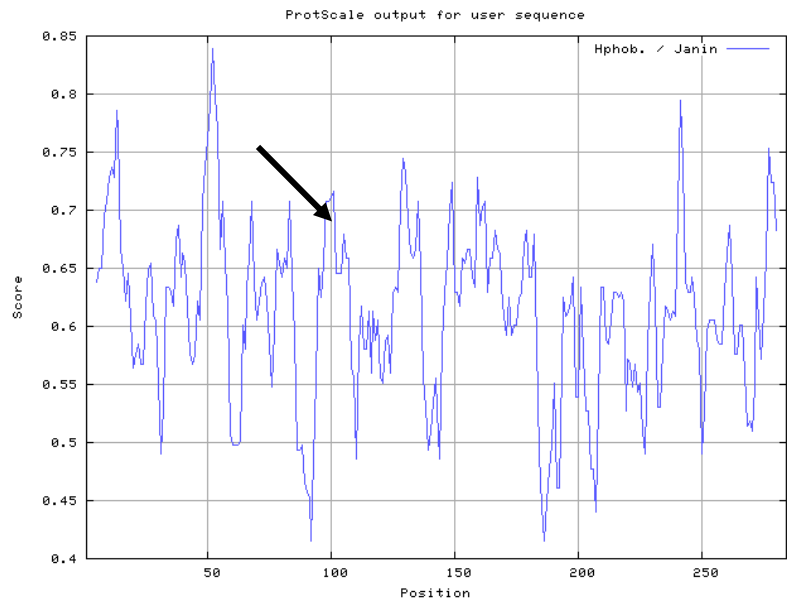


Obr. 25: rSULT1E1 sekundární struktura

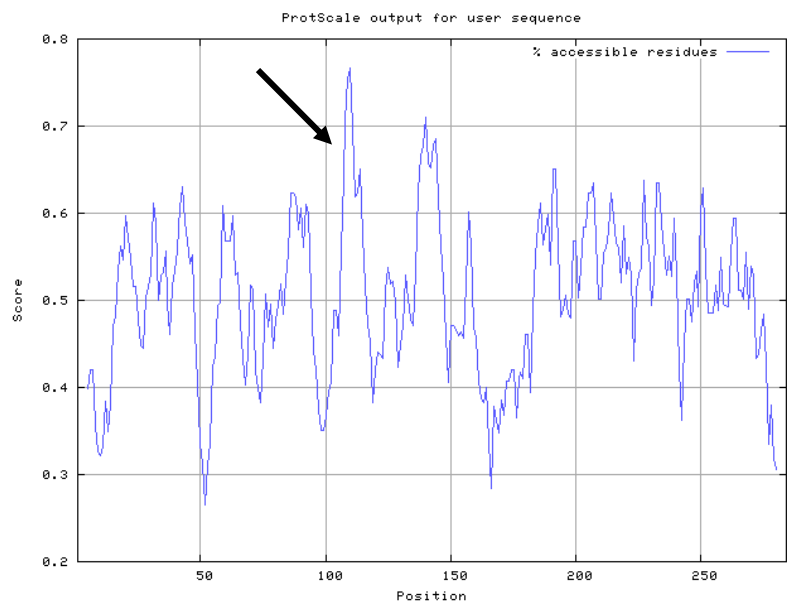
## 6. rSULT2A1



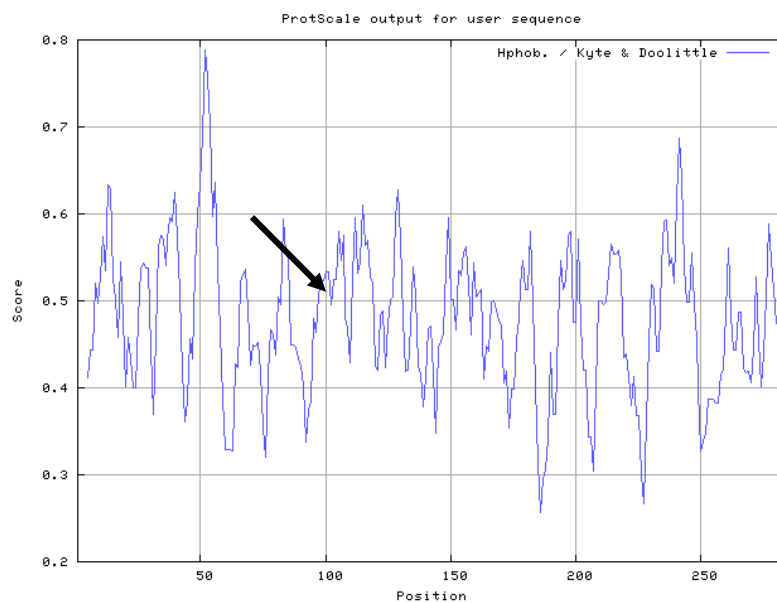
Obr. 26: rSULT2A1 antigenicita



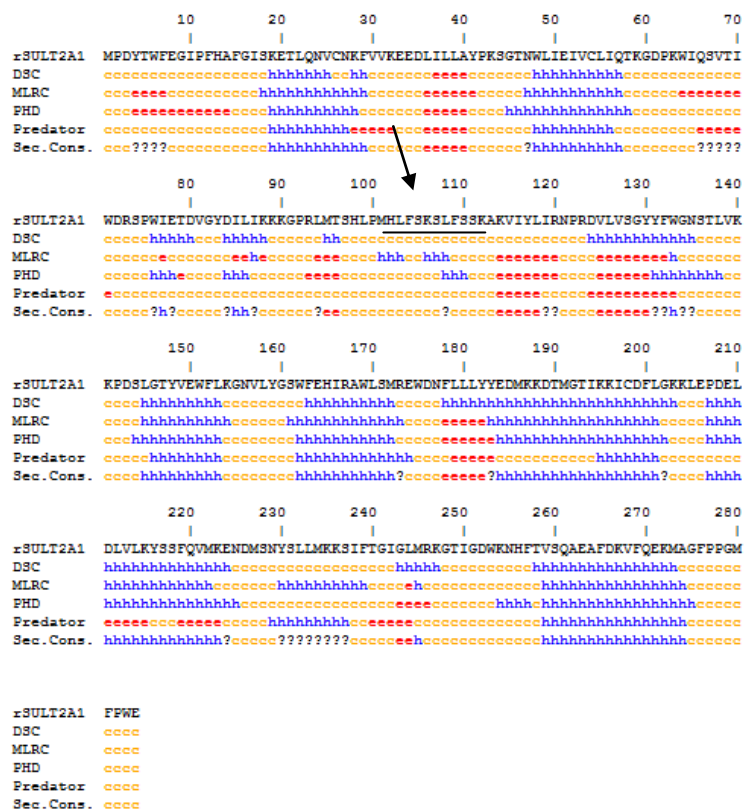
Obr. 27: rSULT2A1 expozice



Obr. 28: rSULT2A1 přístupné aminokyselinové zbytky

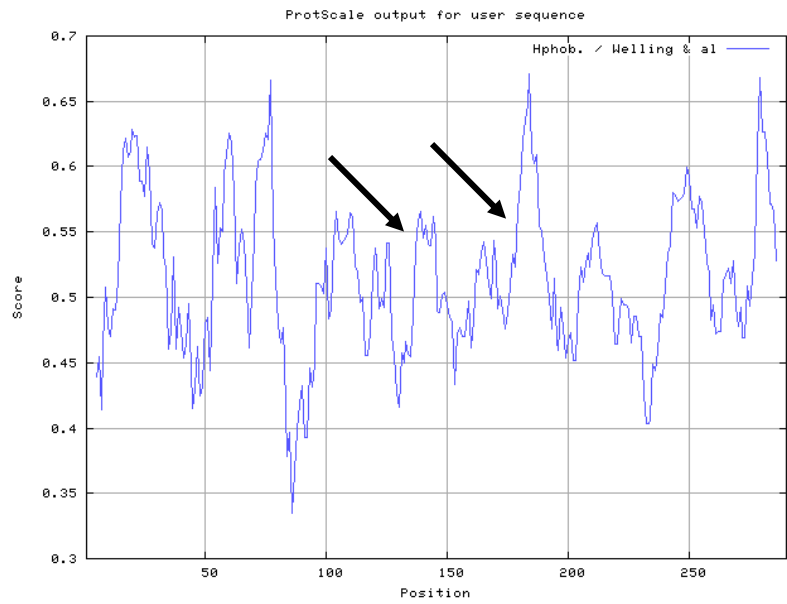


Obr. 29: rSULT2A1 hydrofilita

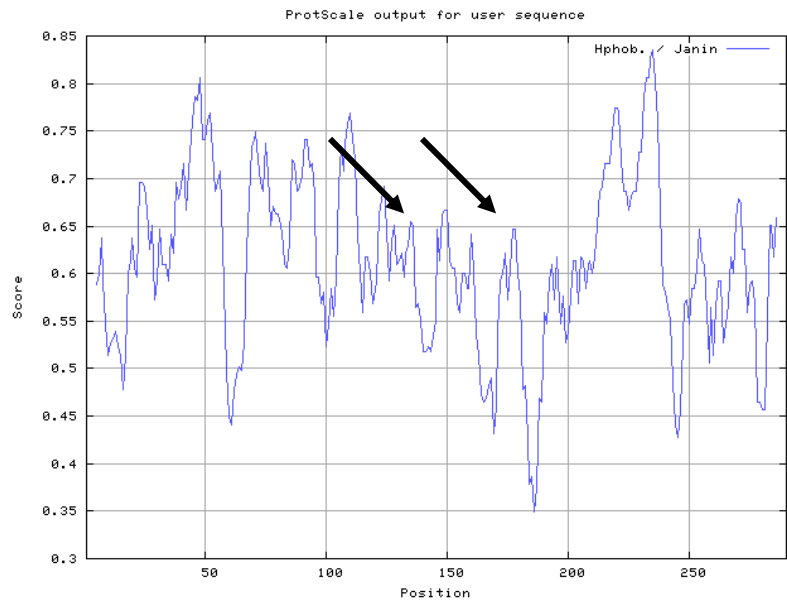


Obr. 30: rSULT2A1 sekundární struktura

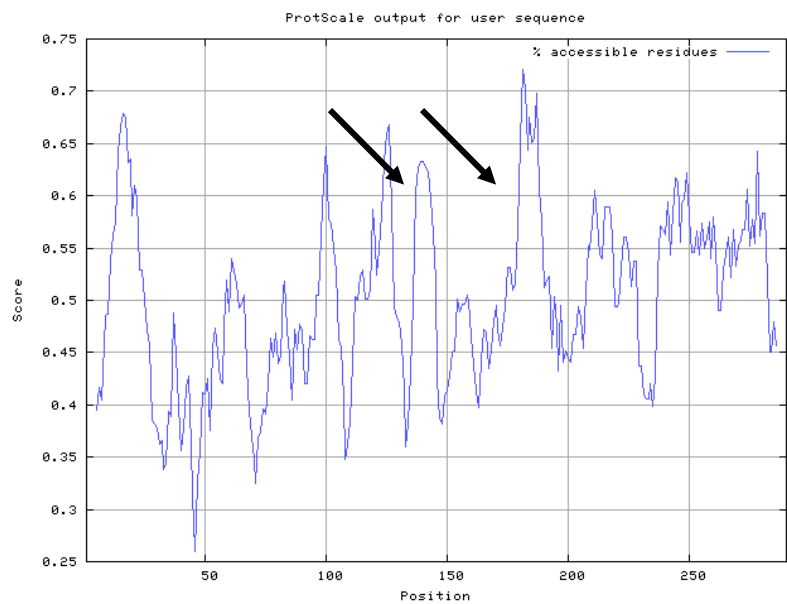
## 7. rNAT1



Obr. 31: rNAT1 antigenicita



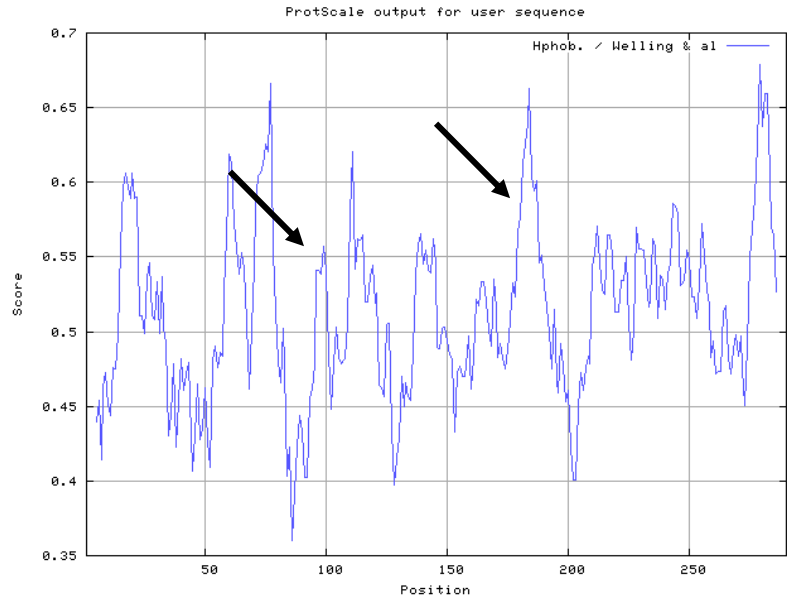
Obr. 32: rNAT1 expozice



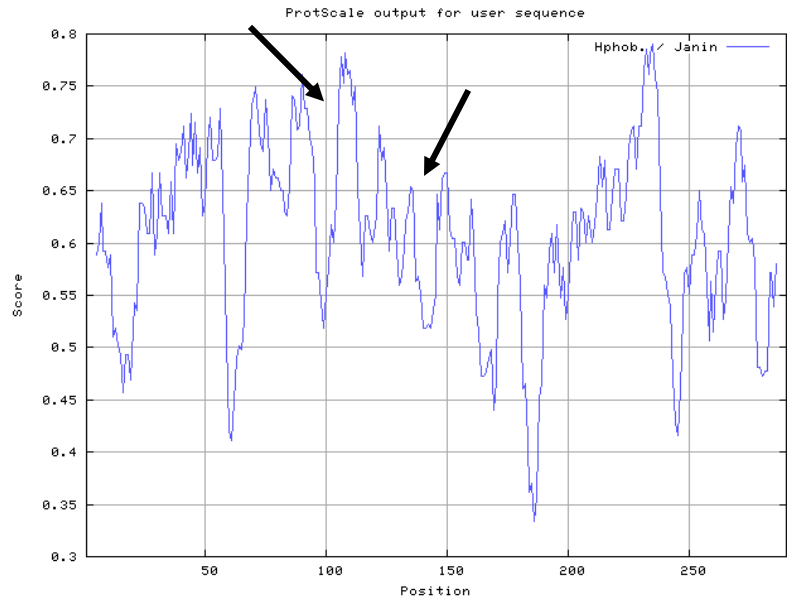
Obr. 33: rNAT1 přístupné aminokyselinové zbytky



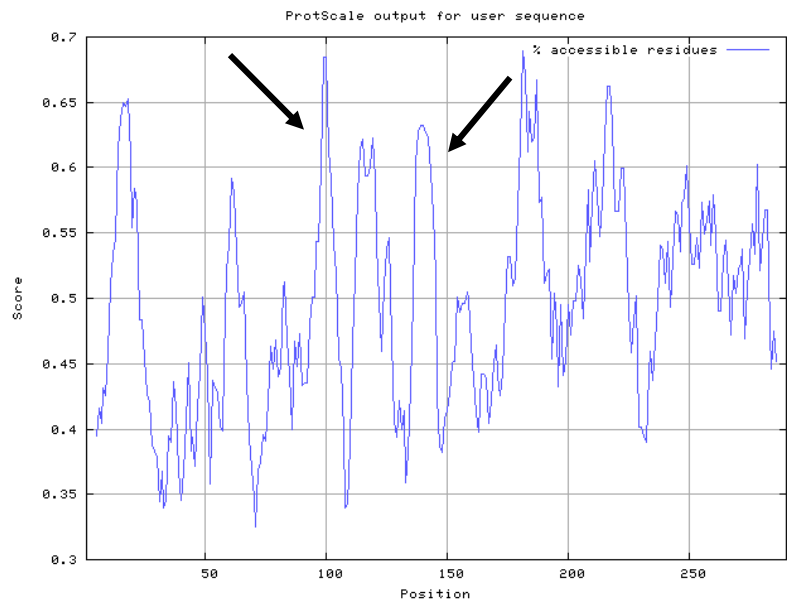
## 8. rNAT2



Obr. 36: rNAT2 antigenicita

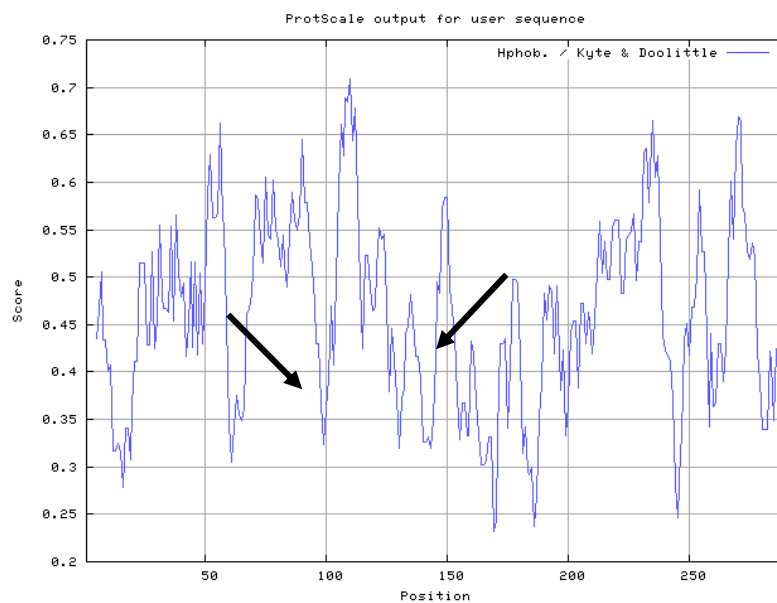


Obr. 37: rNAT2 expozice

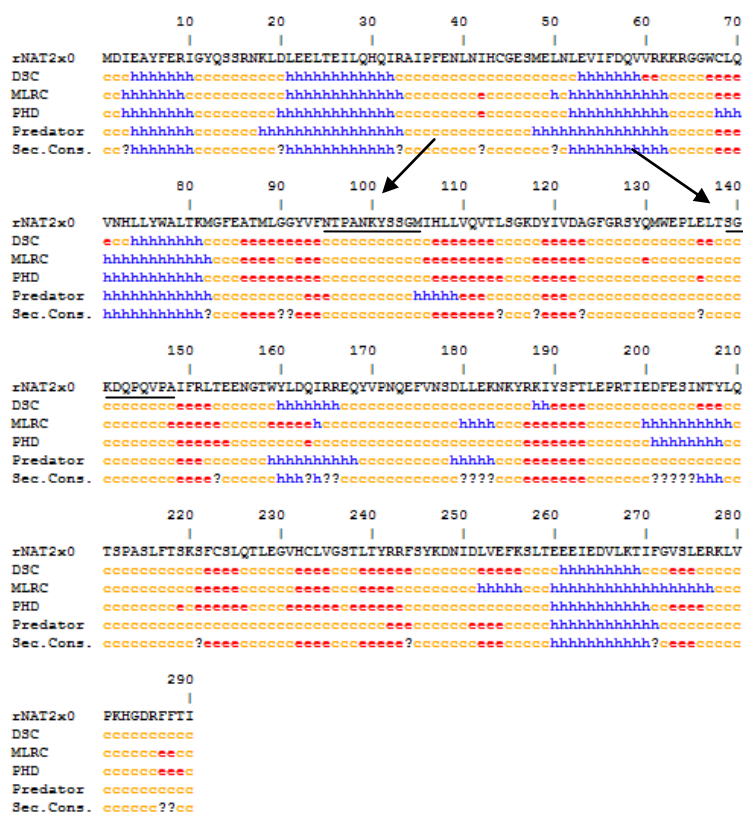


Obr. 38: rNAT2 přístupné aminokyselinové zbytky





Obr. 39: rNAT2 hydrofilita



Obr. 40: rNAT2 sekundární struktura