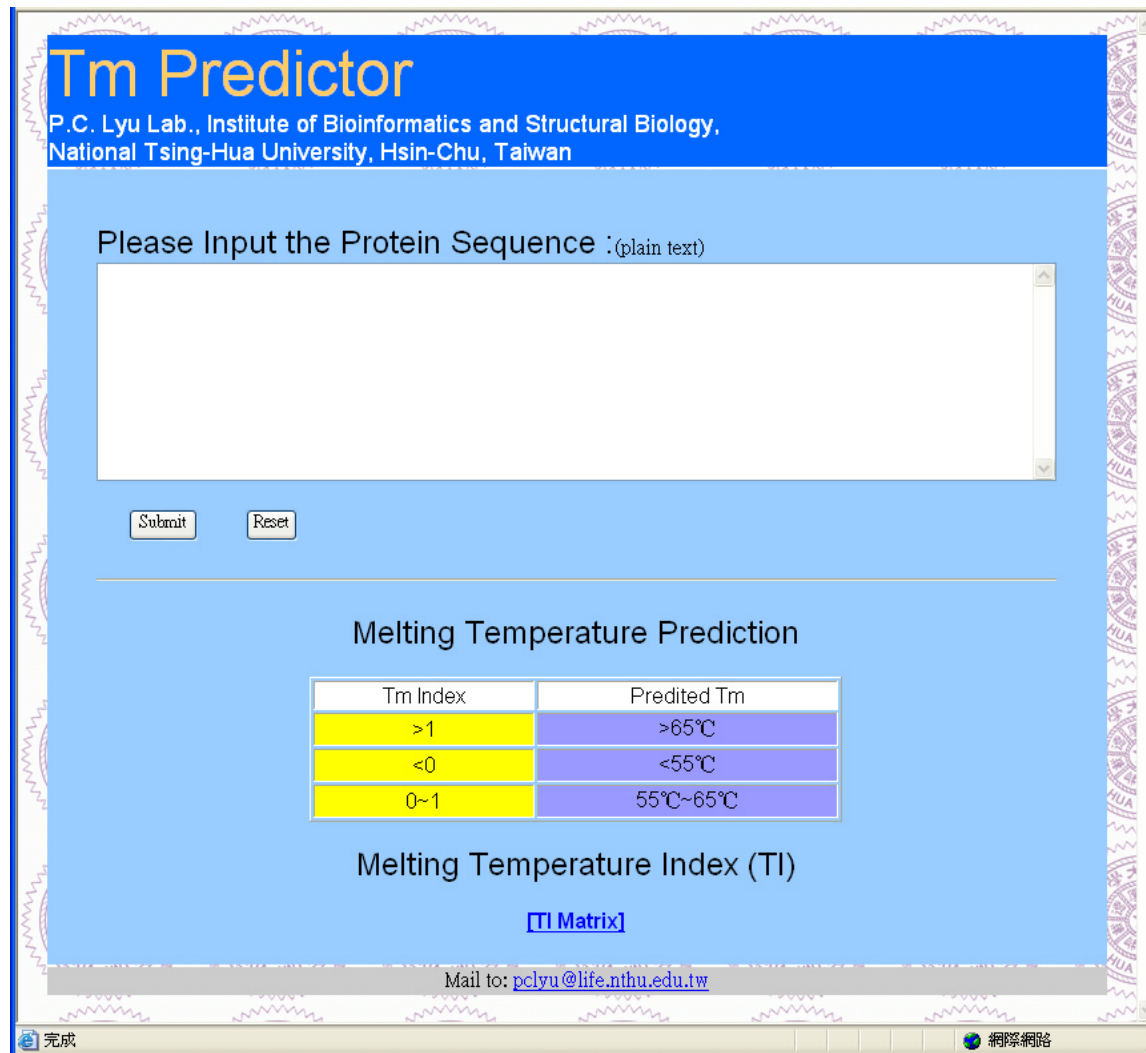


Tm web site- <http://tm.life.nthu.edu.tw>



Tm Predictor
P.C. Lyu Lab., Institute of Bioinformatics and Structural Biology,
National Tsing-Hua University, Hsin-Chu, Taiwan

Please Input the Protein Sequence : (plain text)

Melting Temperature Prediction

| Tm Index | Predited Tm |
|----------|-------------|
| >1 | >65°C |
| <0 | <55°C |
| 0~1 | 55°C~65°C |

Melting Temperature Index (TI)

[\[TI Matrix\]](#)

Mail to: pcyu@life.nthu.edu.tw

完成 網際網路

Example: Odorant Binding Protein

[FROM NASAL MUCOSA OF PIG]

- PDB ID : 1a3y
- Tm Value : 68~77 °C
- PFELSGKWITSYIGSSDLEKIGENAPFQVFMR
SIEFDDKESKVYLNFFSKENGICEEFSLIGTKQ
EGNTYDVNYAGNNKFVVSYASETALIISNINVD
EEGDKTIMTGLLGKGTDIEDQDLEKFKEVTRE
NGIPEENIVNIIERDDCPA

Predict page on web site :

Tm Predictor

P.C. Lyu Lab., Institute of Bioinformatics and Structural Biology,
National Tsing-Hua University, Hsin-Chu, Taiwan

Please Input the Protein Sequence :(plain text)

```
PFELSGKWITSYIGSSDLEKIGENAPFQVFMRSIEFDDKESKVVYLNFFSKENGICEEFSLIGTKQEGNTYDWNVAGNNKF  
VWSYASETALIISNINVDDEEGDKTINTGLLGKGTDIEDQLEKFKEVTRENGIPEENIWNIIERDDCPA
```

1

Copy & pass the protein sequence

Submit

Reset

2

Click Submit

Result page on web site :

Tm Predictor

P.C. Lyu Lab., Institute of Bioinformatics and Structural Biology,
National Tsing-Hua University, Hsin-Chu, Taiwan

| Result | |
|--------------------------------|---|
| Sequence | PFELSGKWITSYIGSSDLEKIGENAPFQVFMRSIEFDDKESKVYLNFFSK ENGICEEFSLIGTKQEGNTYDVNYAGNNKFVVSYASETALISNINVDEE GDKTIMTGLLGKGTDIEDQDLEKFKEVTRENGIPEENIVNIERDDCPA |
| Tm Index (TI) | 2.91538123916 |
| Melting Temperature Prediction | higher than 65°C |

[\[Back\]](#)