T0582.t2k bys

Sequence logo panels (residues 1–222):

Panel 1 (residues 1–50):
```
M E I N A D F T K P V V I D T D Q L E W R P S P M K G V E R R M L D R I G G E V A R A T S I V R Y A
1           10          20          30          40          50
E P E P H G P G E P E   P H   G P   E P     T H       G S T H   E           P
```

Panel 2 (residues 51–100):
```
P G S R F S A H T H D G G E E F I V L D G V F Q D E H G D Y P A G T Y V R N P P T T S H V P G S A E
51          60          70          80          90          100
T P E P     H P T E       Y E   P H G T P   T P E     P   G P   E   P T P H P
```

Panel 3 (residues 101–150):
```
G C T I F V K L W Q F D P A D R T Q F S K N M E A E L G A P V E G I S T S L L H E D E R E T V T H R
101         110         120         130         140         150
T P E       P   H   G H     P H   G T P   E P T E     P   E H P H   E
```

Panel 4 (residues 151–200):
```
K L E P G A N L T S E A A G G I E V L V L D G D V T V N D E V L G R N A W L R L P E G E A L S A T A
151         160         170         180         190         200
P     T P E P   E P   T P E       Y E     P E   P H T P E   P   T P   E   P E
```

Panel 5 (residues 201–222):
```
G A R G A K I W M K T G H L R F V R T P E V
201         210         220
S H P T P E       S P   H   E P
```