ConSurf Results for job:Ferredoxin date:05/12/2024

```
1              11             21             31             41
M A Y V I N E A C I   S C G A C E P E C P   V N A I S S G D D R   Y V I D A D T C I D   C G A C A G V C P V
e e e e b e e e b e   e b e e b e e e b e   e e b b e e e e e e   b e b e e e e b e e   b e e b e e e b e e
f           s         s             s   s f       s                       s               s       s   s f
```

```
51
D A P V Q A
e b e e e e
  s
```

The conservation scale:

```
1 2 3 4 5 6 7 8 9
```

Variable   Average   Conserved
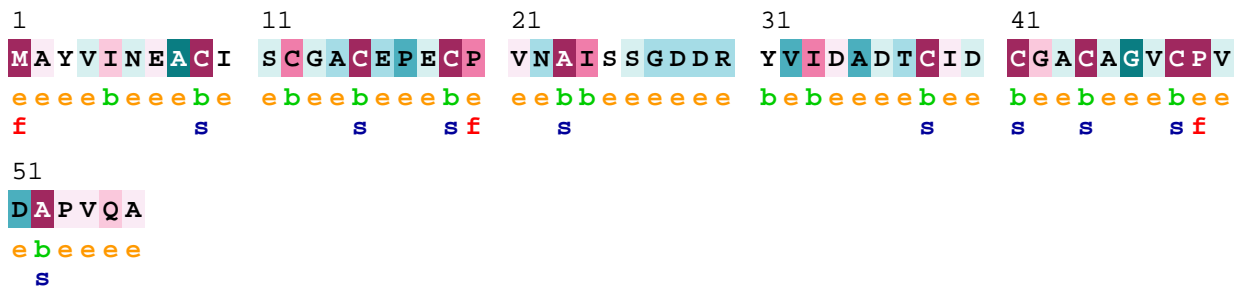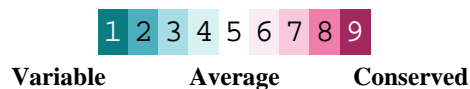
- **e** - An exposed residue according to the neural network algorithm.
- **b** - A buried residue according to the neural network algorithm.
- **f** - A predicted functional residue (highly conserved and exposed).
- **s** - A predicted structural residue (highly conserved and buried).
- **x** - Insufficient data - the calculation for this site was
       performed on less than 10% of the sequences.