```
NTDB id 37147 LPA RS10450 WP 011946907.1   MLRGLKKANQLFAPMIWVLIEMGRQTGFSLSEMLISLFLASIITIPLTQFYIRSKPQYLKAQERLEINFDLLWIGDLLSDSIRKA   85
NTDB id 1280 LPP RS09970 WP 011214247.1    MLRGLKKASQLFAPMIWVLIEMGRQTGFSLSEMLISLFLASIITITLTQFYIRSKPQYLKAQERLEINFDLLWIGDLLRDSIRKA   85
NTDB id 1266 GC085 RS10215 WP 061637208.1  MLRGLKKASQLFAPMIWVLIEMGRQTGFSLSEMLISLFLASIITITLTQFYIRSKPQYLKAQERLEINFDLLWIGDLLRDSIRKA   85
consensus                                  !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!
```

```
NTDB id 37147 LPA RS10450 WP 011946907.1   GFTPCVSVEKLKTFDSRHAERKIINFQIENMPQVQLRINRMSDVYTEVANFMSPTQIVIEESVISNIKHPLIISDCRQGEVHTVS   170
NTDB id 1280 LPP RS09970 WP 011214247.1    GFTPCVSVEKLKTFDSRHAERKIINFQIENMPQVQLRINRMSDVYTEVTNFMSPTQIVIEESVISNIKHPLIISDCRQGEVHTVS   170
NTDB id 1266 GC085 RS10215 WP 061637208.1  GFTPCVSVEKLKTFDSRHAERKIINFQIENMPQVQLRINRMSDVYTEVTNFMSPTQIVIEESVISNIKHPLIISDCRQGEVHTVS   170
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
NTDB id 37147 LPA RS10450 WP 011946907.1   KIDKLSNGYQITLKKPLQFRYDEIAYLGEWLEETWFTKQNEKGEKTLHYKLFQTEELSPFIHEFYVTRRLIKQRPVLDFSIGSDK   255
NTDB id 1280 LPP RS09970 WP 011214247.1    KIDKLSNGYQITLKKPLRFRYDEITYLGEWLEETWFTKQNEKGEKTLHYKLFQTEELSPFIHEFYVTRRLIKQRSVLDFSIGSDK   255
NTDB id 1266 GC085 RS10215 WP 061637208.1  KIDKLRNGYQITLKKPLQFRYDEITYLGEWLEETWFTKQNEKGEKTLHYKLFQTEELSPFIHEFYVTRRLIKQRSVLDFSIGSDK   255
consensus                                  !!!!!*!!!!!!!!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!
```

```
NTDB id 37147 LPA RS10450 WP 011946907.1   ETLRKISVSVRNL   268
NTDB id 1280 LPP RS09970 WP 011214247.1    ETLRKISVSVRNL   268
NTDB id 1266 GC085 RS10215 WP 061637208.1  ETLRKISVSVRNL   268
consensus                                  !!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved