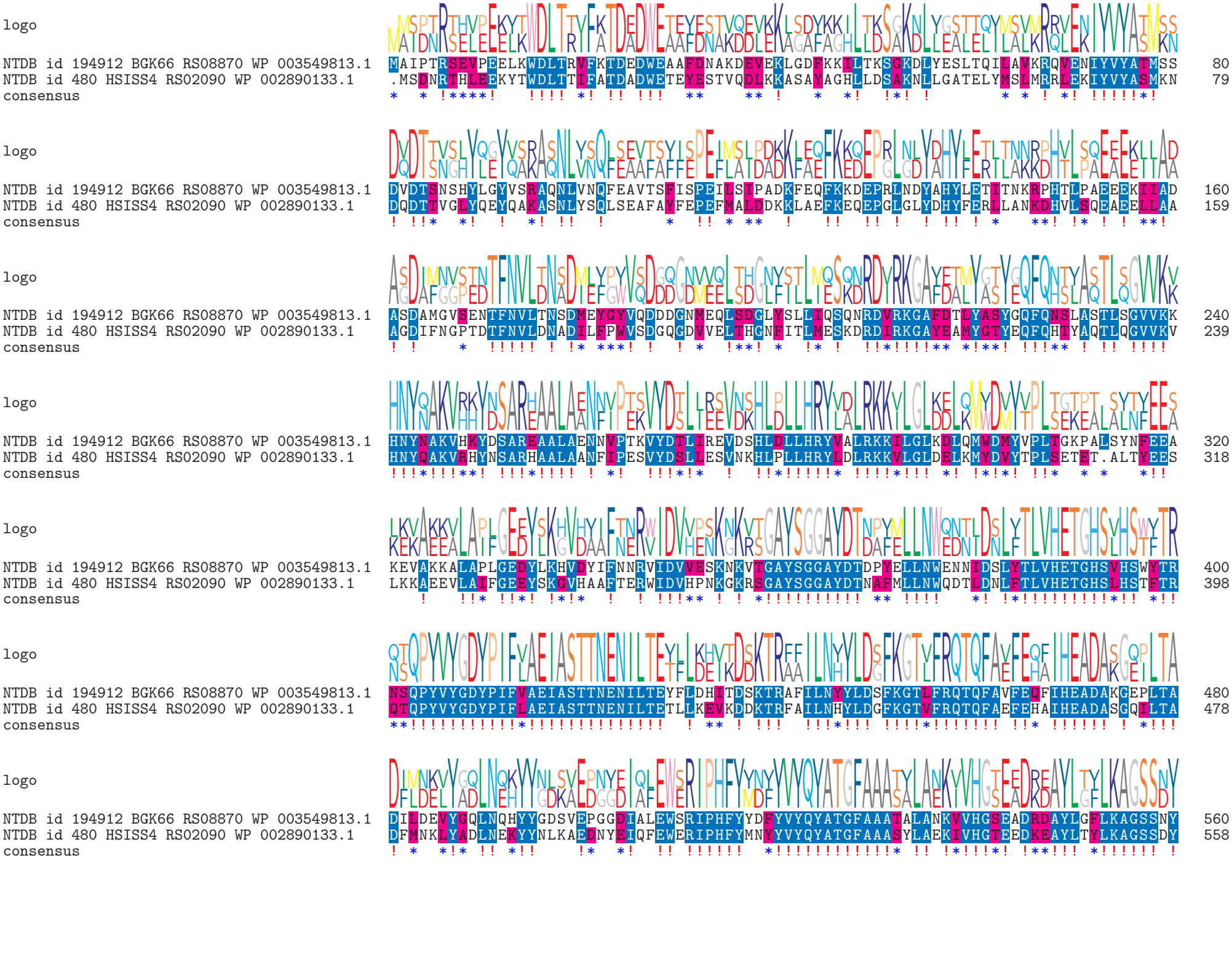
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 MAIPTRSEVPEELKWDLTRVFKTDEDWEAAFDNAKDEVEKLGDFKKILTKSGKDLYESLTQILAVKRQVENIYVYATMSS 80
NTDB id 480 HSISS4 RS02090 WP 002890133.1 .MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKN 79
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 DVDTSNSHYLGYVSRAQNLVNQFEAVTSFISPEILSIPADKFEQFKKDEPRLNDYAHYLETITNKRPHTLPAEEEKIIAD 160
NTDB id 480 HSISS4 RS02090 WP 002890133.1 DQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAA 159
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 ASDAMGVSENTFNVLTNSDMEYGYVQDDDGNMEQLSDGLYSLLIQSQNRDVRKGAFDTLYASYGQFQNSLASTLSGVVKK 240
NTDB id 480 HSISS4 RS02090 WP 002890133.1 AGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKV 239
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 HNYNAKVHKYDSAREAALAENNVPTKVYDTLIREVDSHLDLLHRYVALRKKILGLKDLQMWDMYVPLTGKPALSYNFEEA 320
NTDB id 480 HSISS4 RS02090 WP 002890133.1 HNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETET.ALTYEES 318
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 KEVAKKALAPLGEDYLKHVDYIFNNRVIDVVESKNKVTGAYSGGAYDTDPYELLNWENNIDSLYTLVHETGHSVHSWYTR 400
NTDB id 480 HSISS4 RS02090 WP 002890133.1 LKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTR 398
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 NSQPYVYGDYPIFVAEIASTTNENILTEYFLDHITDSKTRAFILNYYLDSFKGTLFRQTQFAVFEQFIHEADAKGEPLTA 480
NTDB id 480 HSISS4 RS02090 WP 002890133.1 QTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTA 478
consensus
logo
NTDB id 194912 BGK66 RS08870 WP 003549813.1 DILDEVYGQLNQHYYGDSVEPGGDIALEWSRIPHFYYDFYVYQYATGFAAATALANKVVHGSEADRDAYLGFLKAGSSNY 560
NTDB id 480 HSISS4 RS02090 WP 002890133.1 DFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDY 558
consensus

```
logo

NTDB id 194912 BGK66 RS08870 WP 003549813.1   PTEIMKHAGVDMTKPDYLEDAFKTFEKRLAEFESLIEK.....   598
NTDB id 480 HSISS4 RS02090 WP 002890133.1     PLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     ! !**!*!!!!!! *!!!* !!! !! !! ! ! !*!!*****
```

X non conserved
X similar
X $\geq$ 50% conserved