logo
NTDB id 239852 CGZ47 RS09265 WP 089542368.1 MSTQQLPTRNAVPEKLTWDLTTIFKNDTAFEVAFKKVKTQLPTLKTL.DRPFESADQLVATIKQILATFRQLETIYVYAS 79
NTDB id 480 HSISS4 RS02090 WP 002890133.1 ....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYAS 76
consensus **** * ! ***!! !!!!!!!! ! *! * !* * ** *!! *!** * ! !! !!!!!!

logo
NTDB id 239852 CGZ47 RS09265 WP 089542368.1 MKNDQDTANATYQGYQAQVDSLAAEVSAAAAFLEPAILAIPAGQLADWLTKTPNLAVYSHFIQTITDSRDHVLSGQEEAL 159
NTDB id 480 HSISS4 RS02090 WP 002890133.1 MKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEEL 156
consensus !!!!!!! * !! !!! ! *! ! !* !! *!** !!** ! !**! !* * *!!!!! ! !

logo
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consensus !!!!!!!! *** !! !!!! !* !! !*! *! !**! * !* ! ! *! *!*!!*! !! !! *!*! !!

logo
NTDB id 239852 CGZ47 RS09265 WP 089542368.1 IKGHNYLAQVHHYDSARQAALAPKAIPEAVYTTLVDQVNQHLPLLHRYTELRKKQLNLSELHMFDLYTPLLGKPALTYTY 319
NTDB id 480 HSISS4 RS02090 WP 002890133.1 VKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETALTY 315
consensus *! !!! ! !*!! !!!*!!!!* !!! !! *!** !! !!!!!!!! *!!!! ! ! !!*!*!*!!!! * !!

logo
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NTDB id 480 HSISS4 RS02090 WP 002890133.1 EESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHST 395
consensus ! ! ! ! !**! ! !** ! *! !!! *! !!!!!!!!!!!!!!!!*!*!!!!!! ! !!*!!!!!!!!!*!!

logo
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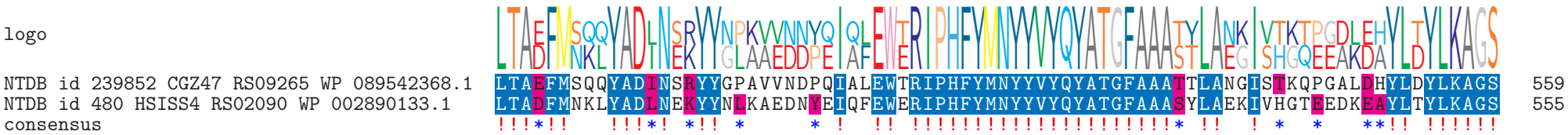
NTDB id 480 HSISS4 RS02090 WP 002890133.1 FTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQI 475
consensus !!!!!!*!!!!!!!!!!*!!!!!!!!!!*!!! !! !*! *!!*!!!!!!!!!!!!!!!!!!!!*! ! ! !!*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NTDB id 480 HSISS4 RS02090 WP 002890133.1 LTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGS 555
consensus !!!*!! !!!*! *!! * * ! !! !!!!!!!!!!!!!!!!!!!!* !! ! * * **!! !!!!!!

logo

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NTDB id 239852 CGZ47 RS09265 WP 089542368.1   SAYPIEIMQQAGVDMTSADYLERAFAVFEERLDQLEALLANLN...   602
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     ! !!*!**  !!!!!!  !!!* !! !!!*!!  !!!!*    ***
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X non conserved

X similar

X ≥ 50% conserved