

At 365 ...SHLTTEEMFDSRISSASDLVQKIQORDAENSNI RGPYLAELIEIEKRRKFLFCGKKNBDKLIIES
 Rc 319 ...SHLADEVFDSRLSDASAFVQKLLADGNNGFIRSPYLALEIEIERRRHLYGKANDEIMEA
 Vv 315 ...SHLTDEVFISRLSNASAFQKIQAEAGNDFIRCPYLANLEIEERRKQLOGKGD DDKLIEV
 Pt 307 ...SQLADDVFHSRIISTSLAFVKIQADTSNDFIRCPYLATLEIEERRRLHGKGNDDDIIEA
 Os 296 ...TSLSDDELVESRIASALS FVQKIQVNDTSDCVRGPHLASLEIEERQCRSCNPTDRKFIIEA

At 424 LLQYFLKFGHLACYASDVEAYLQVLSPNKKAGFVEMLVKNSDSSASA-TKVLGQTTITILK
 Rc 378 LLRYFYKFGHLACCTSDIEVELQVLTPGKKMELVEKLVKSLDSLTTIPTKVLGQSIITVFK
 Vv 374 LLQYFFRFGHLACFASDIEGFLRVLPFGKKEEFLEKIKKSCDSLSAVPTKLLGQSIISLFK
 Pt 366 LLMLYFLKFGHLASFSSDVEAYLQVLTPDKKTEFLAKLIKTLDSASAPTKVLGQSIITIFK
 Os 355 LLNYFHREFGHLSCAASDVEAYLHMLSSDETTELLDTISRSFD-ASSLSVKGLGLAITTFK

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At 484 VQELTGNIFGLPTDE-----IEASAVKLAKLYCONL
 Rc 438 IQQLICNLYKLPVIG-----IEGFAKQMVEMWKSL
 Vv 434 IEELICNMEKIPVVE-----IENSAIRMAQMYCKNL
 Pt 426 IQELTGNMYKLPVLGACFFCFFCTHTLAHPHNLHIIQTAQPLEIEGCAVQMVEMYCKSL
 Os 414 VQELLGTFEFSKSTTE-----IQHIAGKMVEAFYKNL

At 515 SLSKDLDPQESMFGHEELLSLISNMLVQLFWRTDFGYLAEAIMVLELGLTIRGHVWQYKI
 Rc 469 PLSKDLDPQESMFGHEELLSMACNVLVQLFWLTRNVGYFMEAIMVLEFGLTIRPHVWQYKI
 Vv 465 PLSKDLDPQESMFGHEELLSMACNVLVQLFWRTROLGYLLEAIMVLELGLTIRRHVWQYKI
 Pt 486 PLSKDLDPQESMFGHEELLSMVCNVLVQLFWRTRHLYGYFIEAIMVLEFGLTIRRYVWQYKI
 Os 445 PLSRDLDPQESMFGHELLCMASSILVQLFWRTRNLYLIEAILVLEFGLTVRKYVWQYKV

At 575 LLVHLYSYV GALPLAFERYKALDVKNILLETIVSHHILRQMLIESPMWVDLSNLLKDYLKFM
 Rc 529 FLVHMYSHLGDLSLAYEYKFLDVKNILMETIVSHHIFPYMLPSPWVDSSNLLKNYLRFM
 Vv 525 LLVHLYSYL GAYSLSYEWYKSLVKNILLESVSHHILPQMLVSPWVDLNDVLKDYLKFM
 Pt 546 LLVHLYSHLGAISLAYEYKSLDVKNILMETIVSHHILPQMLVSPWGDLDNLLKDYLRFM
 Os 505 MLVHLYSYL GALPLAHRWYVTLVKNILLESASHHILPQMLNSPLQQTADLVKDYLKFM

At 635 DDHLRESADLTFLAYRHRNYSKVIEFVLFKQRLQHSNOYQAARVEASVLQKQKADSFEE
 Rc 589 DDHLRESADLTFLAYRHRNYSKVIEFFQFKERLQOSNOYLVARVETSHLQKQKANNIEE
 Vv 585 DDHLKESADLTSLAYRHRNYSKVIEFVQFKERLQHSNOYLMARLEAPHLQKQLNANNIEE
 Pt 606 DDHLRESADLTFLAYRHRNYSKVIEFVQFKERLQORSNOYLVARVETPHLQKQKADNIEE
 Os 565 DDHLKESADLTCLAYRHRTYSKVIEFVQFKERLQHSNOYLSVRSDSIHLQKQKAEESLDE

At 695 EERILENLKSGVQLVELSNEIGSRTLKFNEDM...
 Rc 649 EEGILESLNCGSHFVELSNEIRSKSLTFNED-...
 Vv 645 EECILESLKSRVHFPEFSSEIGGKSLTFNEDM...
 Pt 666 EEGILENLNGGVHFVELSNEIGSKNLTFNED-...
 Os 625 VESILENVNHGARLVELSNEDNVKRFTFNEDL...