

A Known secondary structure bbbbbbbbbbb SSS SS bbbbb
Gid1 371 IFYYEIKVLSV**TSTES**AENSNIVIGYK
RanBPM 476 LYYFEVRIIS.....KGRNGYMGIGLT
Predicted secondary structure bbbbbbbbbbb..... bbbbbbb

B Known secondary structure aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaTTT SS SSS TTS SS B SSSSSS S S S TTT
Gid8 279 SISLRSKIADLVNEKLLKFIHPRIQFEISNNNSKFPDLLNSDKKIITQNFTVYNNNLVNGSNGTKITHISSDQPINEKMANSVWLN
Hou 162 EQSYRQKIASELNSAILR.....CEQSED.....
Predicted secondary structure aaaaaaaaaaaaaaaaa.....aa

Known secondary structure TT aaaaaaTT B aaaaaSTTS aaaaaaaaaaaaaaaaaaTTbb
Gid8 365 QRAATTFFHNLENKNYWNQTSELLFNYYSSSEFPYEPRLTQIMKLWCWCENQLHHNQIGVPRVEN
Hou 186 STPKMMFLLKLILWAQSKLDSRSISYPKMKN
Predicted secondary structure aaaaaaaaaaaaaaaaa aaaaa

a: α helix
b: β sheet
S: bend
T: hydrogen-bonded turn
. : missing residue