

MedicDicerIIIB	HGSSALEKQIKDFVKEVQDELSKPGFNSFGLGD-----CKAPKV
RiceDicerIIIB	HSSGLLLDQITEYVNRLEGSS-MDKVELLSDGL-----PKGPKV
ArabidopsisDicerIIIB	CESIYLHEVIEDYTNFLASSP----LASGQSEG-----PRCPKV
FruitFlyDicerIIIB	HLS PGLNDVIDRFVRIQQENGHCISEEYLLSEEECDDAED-----VEVPKA
MosquitoDicerIIIB	HLS PGLNDVIDRFVRIQQDNGHIISEEYLLISEDECDEAED-----VEVPKA
HoneyBeeDicerIIIB	HLS PGLSIVINRFVRIQEENGHSISEEYLLIGEEECDEAED-----VEVPKA
BeetleDicerIIIB	NLSPSLNEVVEKFRRLQEDSGHTLVDELYLVVET--EEVED-----VEVPKA
humanDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
MonkeyDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
CattleDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
DogDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
ChickenDicerIIIB	AVSPELFHVVIDDFVQFQMEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
OpossumDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
HamsterDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
RatDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
ZebrafishDicerIIIB	AVSPELFHVVIDDFVQFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
mouseDicerIIIB	AVSPELFHVVIDDFVKFQLEKNEMQGMDSELRRSEEDDEEKEE----DIEVPKA
SeaUrchinDicerIIIB	AYTANMFQVIDNFVTFVDAKNEALGMDSQLKYSEM DGEQES--EDIEVPKA
C.eleganDicerIIIB	AMCPGLYHMIKFKV KLCSENFDTNFNAEMYMVTTEEEIDEGQEEDIEVPKA
GiardiaDicerIIIB	SVVSEVILIESHPKIQPS-----KV

Helix $\alpha 6^*$

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