

Drosophila musashi 1 ---MLFENPAVAAKLPPFYVNPVPLQAAAAAAAAVPNLRFQTPIKAFAC
C.elegans MuSashI 1 -----
human hnRNP A2/B1 1 -----
Arabidopsis UBA2A 1 MTKKRKLEGEESNEAEEPSQKLKQTPPEEQQLVIKNQDNQGDVEVEVEE
PB000805.02.0 1 -----MEEKNLS

Drosophila musashi 47 TAATRSVSEMNATSLYAGNPMENAAAAAAAAAGLIDPHHNRHLHQAIV
C.elegans MuSashI 1 -----MTTSTVSGATAVTLRRTSPPVGHBEAR
human hnRNP A2/B1 1 -----
Arabidopsis UBA2A 51 VEEEQEEVEEDDDDDDDGDNEDCTDGNRIEAAATSGSGNQEDDDEPPIQ
PB000805.02.0 8 VNNNTINDPNQCDTSSNLNASQDNDNDNILENQNLNDKKIKDEESEVEQUR

Drosophila musashi 97 ASANNVVAAGGGTTAAVLKSAQQSQQAVQQNQNAVVTGPLEQPKQ
C.elegans MuSashI 30 LNADS-----
human hnRNP A2/B1 1 -----
Arabidopsis UBA2A 101 DLPPFSKEQLSLKERRKIVDVAN--
PB000805.02.0 58 RLAPLSKEQIDILATAASTEDIRDR-----

Drosophila musashi 147 EPAQQAALALLKENVNASAGAGQNGQAAMGGSNKSGSSGRSTPSLGS
C.elegans MuSashI 35 -----DCS
human hnRNP A2/B1 1 -----ME
Arabidopsis UBA2A 128 -----RIRVA
PB000805.02.0 86 -----CNDV

Drosophila musashi 197 GSDPAPGKLVFGGLSWCTSSDKLKEYFNMFGTIVDVLIMKDPVQRSRGF
C.elegans MuSashI 39 HGSODPKMFGGLSWCTIABNLRDYGRFGEVNECVVMDPAKRARGF
human hnRNP A2/B1 3 REKEQFRKLVFGGLSETTIBBSLNNYEQWCKITDCVVMRDPASRSRGF
Arabidopsis UBA2A 134 DEDVHRKLVVHGLCTDPRKTBTLTBAFKQYGELEDKAFKIKIASHKGV
PB000805.02.0 91 TSSSTRRLMVRNIPSSKDEQFLKYFETFGELDGLIVRKE-GRSKGV

Drosophila musashi 247 GFITFQEPCTVERVLKVPVHLDGKKIDPRKATPK-N-----
C.elegans MuSashI 89 GFITFVDPSSVDKVLNREHLDGKKIDPKVAPPKRT-----
human hnRNP A2/B1 53 GFVTFSSMAEVDAAARPHSIDGRVVPKRAVAEESG-
Arabidopsis UBA2A 184 GFILNKSRSRGARNALQPOKKHGSMTACQASKGVPVFGGAPIAAAAVSA
PB000805.02.0 140 GFVTFKYIESVCKLMS-SHLELNDKQVRLVAD-----

Drosophila musashi 283 --RPRQANKTKKLVFGGMSQDTSAEVRAVFSQCPVEETVMLMCOOK
C.elegans MuSashI 126 --QAKLVTKTKKVFGLSATSTLEDMKQYFETYGKVEDAMLMFDKRAH
human hnRNP A2/B1 92 --KGAHVTKKLVFGGLKEDTEHHLDYFVEYKIDTIELITDROSG
Arabidopsis UBA2A 234 PAQESNSEHTCKKLVSNVGAELDPQKILMVFSEKCELEEGPIGLDKVYG
PB000805.02.0 173 ---PFDHYQNKLEVRNLSQKINVTTLNIFPKYGLKEECVITHNE-C

Drosophila musashi 330 RHRGFGVTFEVEDVDRVCEIHPHTIKNRKVECKKAQ----PKEAVTPA
C.elegans MuSashI 173 RHRGFGVTFEVEDVADKVCETIHPHETINGKIVECKKAQ----PKEVMLPV
human hnRNP A2/B1 139 KHRGFGVTFEDHVPDKIVLQKYHTINGHNAVVKAL----SRQEQVEV
Arabidopsis UBA2A 284 RPKQFCLFVYKSSSESKKALPEPHKIFESHILHCKAKADGPKGKQQQHH
PB000805.02.0 218 RSKGVGFTFSSPKAEKVVQPPERITDNRVVFLHFAVS----QNYKKY

Drosophila musashi 376 AALLQKRIMLGLTGLPTAFGLIARGAGVATMNPMLLNPNTQLLOS
C.elegans MuSashI 219 CLNRSR---AAARRLYGMPEPTLLAYAQLPRFCNLMYPNTNVPNN
human hnRNP A2/B1 185 CSSRSGRGNFGFDSRGGGNFGPDSNFRGGSDCYGSGRFGDGYNG
Arabidopsis UBA2A 334 HNPAYNNPRYQRNDNGYCEPGGHCHLMAGNPAGMCGPTACVINPAHQ
PB000805.02.0 263 QNNHAYIKKNPNFNYQKNPNNNRNFIRRTPVVYRENEPNTNVPVFSF

Drosophila musashi 426 PAAAAAQAALISQNFVQNAASASIANAGFKLITTPQTLLHSV
C.elegans MuSashI 265 MPPGYSCLSTPFGSSNRPPHFDTASLYSLNNE--QLDSQAQMFMN--
human hnRNP A2/B1 235 YGGPGSNYSCSNYDFGNVQPPSNYGPMSNFGRSSRMGGPYGGNY
Arabidopsis UBA2A 384 ALTALLSQGACLAFNPAIGALLSLGTAAGVNPNGVGMPTGYEQAM
PB000805.02.0 313 VPNVYSNIPHQFNVPCNLDSFNAFYNNPRY-----

Drosophila musashi 476 RYYPYSIPASAATANAALMQAHQAQSVAAAAHHHQOQQOQHQQOQTHN
C.elegans MuSashI 311 -----QSYHSISKY
human hnRNP A2/B1 285 GPGSG-----GSGGYGSRYSY
Arabidopsis UBA2A 434 APATMP-----GYGTQPLQGGYQT
PB000805.02.0 -----