

FanZor1

378

500 536

600

D

G

E

TS

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RD

TnpB/FanZor2

191

358

D

TS

CCCC

RD

HTH

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SFav-1 (151) VQEVAKTYWVFLKTNITTH --AYSRLRLRYLGVKR (114) KGGCCTDDEGVAVS (28) -RLVAVDDEGSRV-PVAACD (81) -RK
 Swv-1 (194) ITYAAKQLKLCFETNLRTH --FRTROCRALSGWL (159) NF-HSCTDDEGVSV (28) -YVVGVDDEGRTN-IVSCSV (93) -KK
 ESv-1 (149) QETVTREMEVSAKISIVVH --LEAKIKGFIRFRL (183) ---SGFRSDGQYQV (60) -NLTVVDDEGCAS-VVSVRS (88) -RA
 ESv-2 (184) REHEAQRMAATSTRATHH --AEKRRISITRWFL (221) ---ESFLTDGVQIKL (59) -VVMVSDDEGQAK-VINVSS (88) -TG
 PCa-1 (190) INEMAKLMQNALMVALEH --FRRRLHOYIRFKY (178) TFAFENINGYGASV (67) -VLIGDDEGMRD-LVTAVS (100) QS
 Pul-2 (173) QQNAAKMMATNATAINLN --FYRRFKFKFLKRY (148) YDGEIVTDGKSVSI (20) -VVGGLDDEGRD-LFVATN (74) -KP
 PSo-1 (186) AQVAAERMAHETQHQLQN --FYRRFKQYITLRY (145) FFAGETITDCKSVSI (23) -TRWGLDDEGRDX-LFVATN (75) -KK
 PBl-1 (124) AMYEATKIHAYIVNIKLR --FGCHLRRVINILL (172) KRGTTCTDGVGISI (40) -RCVLDDDEGRD-LLYCMH (89) -PL
 MCi-1 (144) AMYEAAKISAYLNVNRNN --FGKRLROVINLL (177) EFGNMETDGVGVSV (36) -NCVVDDDEGRD-LLYCME (87) -PI
 ROr-1 (298) ALYECTKIQAAYYNIKAH --FGNRLRSLINKLF (170) RQGTLETDEGVGSI (41) -KCVLDDDEGRD-LMYCMK (187) LP
 SPu-1 (127) VNYLTASMMNLKVNQVEH --FMOMLRYINLRL (139) QFEGSITDGTSTSV (42) -NVVVDDEGKRD-LLYCQD (73) -PA
 SPu-3 (158) ISNMAKDYELNCMHVSTN --IRKWAFKWMYRMK (132) SFAGYSTDEGACV (33) -SIVGVDDEGRID-LFTAVD (74) -RR
 MDe-1 (188) HNYATNQYITNFHNIRYR --AYNRVRAFFNVHS (167) YEDLTMTDDEVSAHF (52) -TILGYDDEGYKL-PVAIVR (83) -RS
 MDe-2 (118) IEPITTEFEVNFASFIGE --CYGRVKRLKCF (158) VENSITDITDAVMSA (80) -TVIQTDDGVKN-TLGCVA (80) -RV
 MDe-3 (188) IKFVINQFKMNFESTKM --AEKHVKFKFLKRY (148) YDNSITINPYT (49) -VITAITDDEGPN-LMYCME (87) -ND
 CRE-1 (168) LPPLSKGVFNIVKHYAAN --FAAWLARSFRCRI (244) PANYITDDEGACV (33) -QLIGVDDECGGNWFWMAARS (156) SA
 CRE-2 (152) VHHLLQDVLNLEQHYRAN --FPKWKRYCKRAKL (268) TFAFYMTDGAACV (45) -RVVAVDDEGCNVY-LACVD (193) WG
 CRE-4 (269) VHQLRQDVLNVGVHLATN --LFRMLTCTRCRVQL (221) KGDGFVITDADFMDCH (30) -SLRGVDDEGCSF-LMYCME (87) -PI
 Dfa-2 (73) -SKNWNVIVINIKINIMVS --TYNHLKOLINTYK (397) ---VSVITNCSATV (35) -IALGIDDEGNTCS-LTVVNN (77) -PI
 Dfa-1 (544) INQRAMMVTNVPISHIWFQ --TKKMEKNSHSYSY (236) SY-HTLLDKAKGT (45) -LYTGIDDEGSK-CTIVDS (80) -YT
 MCi-2 (648) VQDACRFLTNFIMWSPA-SCVADIRKRCV (289) TLAGY-FLFSNQYD (150) VVGVDDEGIVT-AASGVG (65) -TV
 MCi-3 (546) LQACRMYYNFNSIYSQK-NQCAVLRVTLL (313) TF-CHYIKFKDLNV (154) VLGCTDDEGVVT-TASSVW (65) -RA
 MCi-4 (407) CONVANKIQTNIGMMWKGKIFKFKLNLKLLHALL (273) TFAQHTLMPGLKTV (184) VFSSTDN-GEVT-LTETVA (112) PA
 PBl-3 (333) MSMALETYLVNFMWMDGKKIINKLDDKVLVLL (305) SAHRMTCLPGMKTV (172) NYAGTGN-GLVN-LTASIP (120) PK
 ISArma1 (202) GVALDDEGVR-----
 ISBce3 (169) KILGVDDDEGLK-----
 ISBm1 (195) KIVAGDDEGET-----
 IS891 (184) KTIIGLDVDEGLN-----
 IS1341 (180) TVVGLDDESMS-----
 IS605 (151) KAVGLDDEGLR-----
 IS608 (185) KSVGDFDEGLK-----
 ISC1913 (177) GFISVLDDEGEN-----
 ISNph22 (190) TVVGLDDEGVN-----

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SFav-1 LTRLSFNKMYMTARFNERIVRET (10) LVLYGVG (29) RVQLVDESYTSKACS-BCN (18) -GVC (2) -C (1) -ADVEEDVYNAKNIL (41)
 Swv-1 YRKNAKVYSRQCKCISNFIDE (10) HIAFGDA (30) RFTFVDEKYTSKVCH-RCN (87) -SFC (6) -C (4) -KFVDRDFNASTNIV (28)
 ESv-1 RKRSRFHSSRLVOKFVDKASNI (9) -IVLFGDA (24) NVGMLDEFTSKMPCGGC (12) -RQC (10) -C (8) -FRCDRASTALNFC (20)
 ESv-2 RKFMRFRDFRATOKTLALADKY (9) -VMLFGKA (24) VVLVYNEVNTSKMKCP-CGC (11) -RSC (11) -C (8) -FEMDRDDVGSTNIG (13)
 PCa-1 FLRWRFTRDRAKMKAMDTAKRI (8) -CIAYGDW (25) TVIPMDEVRTSITCS-CCH (59) -LRC (4) -C (2) -NFWNRDVAARNML (23)
 Pul-2 FRKLKLSYIPAKKLRRECLKH (8) -IVGFGDW (28) RVESLDEFRTSKLHN-DCH (25) -LHC (4) -C (2) -MTVNRDVAARNML (34)
 PSo-1 FRDLRFRRYQCSRKKLHECTRF (9) -IVGFGDW (28) RVESLDEFRTSKVHH-GCR (29) -LHC (6) -C (1) -ITVNRDVAARNML (25)
 PBl-1 FRKLRLSSYINRKNANERAKYI (8) -VLMGDNW (25) DVCLIDEVATSRECP-RCY (29) -LRC (4) -C (11) RLWNRDVAARNMLFR (49)
 MCi-1 HRKLRLSAVINKNRQDFIRFL (8) -TYIMGDNW (25) QVFLVDEFRTSKVCP-QCQ (29) -LRC (4) -H (1) RYFNRDTAACLAFI (33)
 ROr-1 FRKLKFSKSLFFDONDKFVRSI (8) -VIVFGDW (25) VVYLINEYKTSSSHCP-TCE (30) -TRC (4) -C (10) RLWNRDQAARVNL (23)
 SPu-1 HTRWKWHAFINRKSSEDLISNM (8) -TIVMGDNW (27) NCFLDDEFTSSVCP-RCS (32) -LGC (4) -C (7) -RYWNRDTLSTCNML (24)
 SPu-3 FTRQKLHTYIGKQKVVATVRRH (7) -VVALGDA (25) RVMLDEFRTSITCS-HCS (30) -VFC (6) -C (1) -THWNRDVAARNML (30)
 MDe-1 YARLEFDRYICTORALHKAARI (13) ILAAGDF (28) DVVELEHETSKLCS-ICG (13) -FIC (8) -C (1) -ITVNRDVAARNML (25)
 MDe-2 FSRMRFDAHIKQKAVDTKSKQ (11) LIMFGNS (30) EYVEVDEFRTTKCS-FCG (13) -VSC (2) -C (4) RTTNRDVAARNML (52)
 MDe-3 LARLRLQVQKQKAVDTKYSI (12) LIGFGDA (27) TFIRESERTSACC-FCG (12) -VVC (2) -C (46) RNTNRDVAARNML (34)
 CRE-1 FRDKRWAAFIQDRALHKAQOL (9) -VVGWGSW (33) HVFLIDEVYTSKVCY-NCG (21) -KVC (2) -C (1) -TTWNRDVAARNML (29)
 CRE-2 QRWRLTVYIRSOKVLEQTAQOL (9) -IVWGDA (29) LVVYVDEFTSVCVCA-KCG (25) -QVC (2) -C (1) -TVWGRDVAARNML (49)
 CRE-4 FTRQKLHTYIGKQKVVATVRRH (7) -VVALGDA (25) RVMLDEFRTSITCS-HCS (30) -VFC (6) -C (1) -TTWNRDVAARNML (30)
 Dfa-2 VLSWKRNFAFKKOKLNKEYQQF (32) IIFFGNA (27) SVVYINEVNTSRQHF-DCF (184) VLC (2) -C (1) -KSFNRDVAARNML (21)
 Dfa-1 FQTMDKNRNHLKKRAQYAYAKSF (11) VIYIGGS (28) KARLVNEFTSKLHN-ACA (261) LYC (2) -C (1) -HFFNRDVAARNML (32)
 MCi-2 ITRQKLHTYIGKQKVVATVRRH (7) -VVALGDA (25) RVMLDEFRTSITCS-HCS (30) -VFC (6) -C (1) -TTWNRDVAARNML (30)
 MCi-3 TRIRLRLKQHQHFVAAEAKSAD (10) VPFIGNW (26) TVAFVDEFTSKVCY-ACF (21) -VTC (4) -C (7) -TTSNRDVAARNML (67)
 MCi-4 RRAENRHLHNLKRNKORNLKASE (29) IMMIGDS (27) HVCTSEVNTSOTCM-YCF (24) -FVC (4) -C (7) -NVFARDKLSALANG (44)
 PBl-3 IINQKRHVEIQHRVHHLCRRE (17) ILFIGDR (27) NVCTINECKTSOTCI-FCF (22) -FLC (4) -C (7) -ASKPRDLSALANG (45)
 ISArma1 (129) -----VVDVPEEY-TSKDCT-HCG (11) -FRC (2) -C (1) -FTLPRDVAARNML (31)
 ISBce3 (122) -----VEYVNPAY-TSOTCP-KCS (9) -YKC (1) -C (1) -FEKNRDVAARNML (13)
 ISBm1 (140) -----IDKTEIY-TSOSCP-FCG (9) -FKC (2) -H (1) -TEIHRDVAARNML (51)
 IS891 (119) -----TVAVPPH-TSONCS-NCG (11) -HAC (2) -C (1) -HIQDRDVAARNML (41)
 IS1341 (119) -----LIKIDKVFSSKCS-CG (12) -FRC (1) -C (1) -FESDRDVAARNML (11)
 IS605 (118) -----LLGDRFESSOLCS-YCG (12) -FTC (2) -C (1) -ITHRDVAARNML (70)
 IS608 (112) -----VVKDRFVSSKCS-NCL (21) -YHC (2) -C (1) -LELDRDVAARNML (17)
 ISC1913 (125) -----VVLNPSH-TSTVCP-VHG (15) -GVC (2) -G (1) -EKWNRDVAARNML (44)
 ISNph22 (115) -----VEQVDPEN-TSRRCS-HCG (11) -FEC (2) -C (1) -YENADVAARNML (54)