

A

Apaf-1 (human) 106 ITS^YY^VRTV^LCEGGVPQRPVVFV^TR^KKL^VNAI^QQ^KLS^KL^KGEPGW-V^TI^HGMAGCG^KSVLA 164
 Apaf-1 (cow) 99 ----V^RTV^LCEGGVPQRPVVFV^TR^KKL^VNAI^QQ^KLS^KL^KNGEPGW-V^TI^IYGMAGCG^KSVLA 153
 Apaf-1 (dog) 99 ----V^KTV^LCEGGVPQRPVVFV^TR^KKL^VNAI^RQ^NL^FK^LSDEPGW-V^VI^IYGMAGCG^KSVLA 153
 Apaf-1 (golilla) 99 ----V^RTV^LCEGGVPQRPVVFV^TR^KKL^VNAI^QQ^KLS^KL^KGEPGW-V^TI^HGMAGCG^KSVLA 153
 Apaf-1 (zebrafish) 106 VSPSVQAI^LSVGGVPQRPVVFV^SR^PPL^LN^LL^IREMLYQLRDT^PGW-V^TV^FGMAGSG^KSVMA 164
 Apaf-1 (*Drosophila*) 104 RMYIEQRDRLYNDNQVFA^KYNVSR^LQPYL^KL^RQAL^LELRPA^KN--V^LTDGVLGSG^KTWVA 161
 CED-4L, n2273 (*C. elegans*) 111 SRQMLDR^KLL^LGNVP^KQMT^CYI-REYH^VDRVI^KKL^DEMCDLDSFFL^FLHGRAGSG^KSVIA 169
 CED-4S(*C. elegans*) 111 SRQMLDR^KLL^LGNVP^KQMT^CYI-REYH^VDRVI^KKL^DEMCDLDSFFL^FLHGRAGSG^KSVIA 169

165 AEAVRDHSL^LEGCFPGGVH^VSVG^KQDK^SG-LL^MK^LQNL^CTRL^DQ-----DESFSQRL^P 217
 154 AEAVRDHSF^LEDCFPGGVH^VSVG^KQDK^SG-LL^MK^LQNL^CARL^DQ-----DESFSQRL^P 206
 154 AEAVRDHFF^LDGCFPGGVH^VSVG^KQDK^AG-LL^MK^LQNL^CTRL^DQ-----DENFSQR^P 206
 154 AEAVRDHSL^LEGCFPGGVH^VSVG^KQDK^SG-LL^MK^LQNL^CTRL^DQ-----DESFSQRL^P 206
 165 AEV^VDRSL^IE^KCFPDGVH^LSVG^QCE^RAD-LL^VRMQSL^CGRLE^QC----QSSDT^SQR^P 219
 162 LDVCLSY^K-VQCK^MDF^KIF^LN^LK^NCNSP^ETV^LEM^LQ^KLLY^QID-----PNWTS^R 211
 170 SQALSKSDQ^LIGINYDSIV^WLKDSGTAP^KSTFDL^FTDI^LLML^KRARVVS^DTD^SHS^IITDF 229
 170 SQALSKSDQ^LIGINYDSIV^WLKDSGTAP^KSTFDL^FTDI^LLML----- 211

218 LNIEEAKDRL^RILML^RK-HPRSLL^IDDV^WDSW^VLKAFDS^QCQILL^TTRD^KSVTDSV^MGP 276
 207 LNIEEAKDRL^RILML^RK-HPRSLL^IDDI^WDPW^VLKAFDN^QCQILL^TTRD^KSVTDSV^MGP 265
 207 LNIEEAKDRL^RILML^RK-HPRSLL^IDDI^WDSW^VLKAFDN^QCQILL^TTRD^KSVTDSV^MGP 265
 207 LNIEEAKDRL^RILML^RK-HPRSLL^IDDV^WDSW^VLKAFDN^QCQILL^TTRD^KSVTDSV^MGP 265
 220 STVEEAKER^LRFLML^RR-FPRSLL^IDDV^WDS^SSL^RSFD^IQCRVLL^TTRN^RAL^TDSV^SGV 278
 212 DHSSNI^KL^RTHSIQAEL^RRL^LK^SKPYENC^LL^VLLNVQNA^KAWNAFNL^SCKILL^TTRF^KQV 271
 230 INRVLSK^SEDDL^LNFPSVEH^VTSV^VLKRMIC^NALIDRP^NTLFV^FDDV^VQEETIRWAQEL^R 289
 212 -----K^SEDDL^LNFPSVEH^VTSV^VLKRMIC^NALIDRP^NTLFV^FDDV^VQEETIRWAQEL^R 265

277 KYVVPV^ESSL^GKE^KGLEIL^SSLF----- 298
 266 KYVVPV^ESSL^GKE^KGLEIL^SSLF----- 287
 266 KYIVAV^ESDL^GKE^KGLEIL^SSLF----- 287
 266 KYVVPV^ESSL^GKE^KGLEIL^SSLF----- 287
 279 RYEV^PVENGL^DE^EKALEIL^ALY----- 300
 272 TDFLSAAT^TTHISL^DHHSMT^LTPDEV^KS----- 299
 290 LRCLVT^TRDVEISNAASQTCE^FIEVTSLEIDECYDF^L 326
 266 LRCLVT^TRDVEISNAASQTCE^FIEVTSLEIDECYDF^L 302

B

