

p53_Homo_Sapiens MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPL--LPS-QAMDDLMLSPDDIEQWFTED 57
p53_Afr_Green_Monk. MEEPQSDPSIEPPLSQETFSDLWKLLPENNVLSPL--LPS-QAVDDLMLSPDDLAQWLTED 57
p53_Mac_Fascicularis MEEPQSDPSIEPPLSQETFSDLWKLLPENHVLSP--LPS-QAVDDLMLSPDDLAQWLTED 57
p53_Mac_Fuscata MEEPQSDPSIEPPLSQETFSDLWKLLPENNVLSPL--LPS-QAVDDLMLSPDDLAQWLTED 57
p53_Mac_Mulatta MEEPQSDPSIEPPLSQETFSDLWKLLPENNVLSPL--LPS-QAVDDLMLSPDDLAQWLTED 57
p53_Guinea_pig MEEPHSDLSEIPLSQETFSDLWKLLPENNVLSL--SLS-PPMDHLLSPPEEASWLGEM 57
p53_Bugs_Bunny MEESQSDLSLEPPLSQETFSDLWKLLPENLLTT--SLN-PPVDDLMLSA-EDVANWLNED 56
p53_Gold_hamster MEEPQSDLSIELPLSQETFSDLWKLLPPNNVLSTLP--SSDSIEELFLS-ENVAGWLEDP 57
p53_Chinese_hamster MEEPQSDLSIELPLSQETFSDLWKLLPPNNVLSTLP--SSDSIEELFLS-ENVAGWLEDP 57
p53_Gerbil MEEPQSDLSIELPLSQETFSDLWKLLPPKNLLS-----ALEPMEDLLLP-QDVTWLGDA 54
p53_Rat MEDSQSDMSIELPLSQETFSDLWKLLPPDDILPTTATGSPNSMEDLFLP-QDVAELLEGP 59
p53_Marmota_monax MEEAQSDLSIELPLSQETFSDLWLNLLPENNVLSPL--VLS-PPMDDLMLSPEDVANWLDDE 57
p53_Spalax MEEQSDLSIELPLSQETFSDLWKLLPPNNVLST--PLSPNSMEDLLSPEDVANWLDDE 58
p53_Tree_shrew MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPL--LPS-QAMDDLMLSPDDIEQWFTED 57
p53_Mus_musculus MEESQSDISLELPLSQETFSGLWKLLPPEDILP-----SPHCMDLLLP-QDVEEFFEGP 54
p53_Bos_indicus MEESQAELNVEPPLSQETFSDLWLNLLPENLLSS--ELS-APVDDLPLY-TDVATWLEDC 56
p53_Bos_taurus MEESQAELNVEPPLSQETFSDLWLNLLPENLLSS--ELS-APVDDLPLY-TDVATWLEDC 56
p53_Sheep MEESQAELGVEPPLSQETFSDLWLNLLPENLLSS--ELS-APVDDLPLYSEDVVTWLEDC 57
p53_Pig MEESQSELGVEPPLSQETFSDLWKLLPENLLSS--ELSLAAVNDLLSP--VTNWLEDC 56
p53_Canis_fam MEESQSELNIDPPLSQETFSELWLNLLPENNVLSL--ELC-PAVDELLLP-ESVNWLEDC 56
p53_Beluga_Whale MEESQAELGVEPPLSQETFSDLWKLLPENLLSS--ELS-PAVDDLMLSPEDVANWLDDE 57
p53_Felix_Catus MQEPPELELTIEPPLSQETFSELWLNLLPENNVLSL--ELS-SAMNELPLS-EDVANWLEDA 56

p53_Homo_Sapiens PGPDEAPRMPE-----AAPRVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRL
111
p53_Afr_Green_Monk. PGPDEAPRMSE-----AAPHMAPTPAAPTPAAPAPAPSWPLSSSVPSQKTYHGSYGFRL
111
p53_Mac_Fascicularis PGPDEAPRMSE-----AAPMAPTPAAPTPAAPAPAPSWPLSSSVPSQKTYHGSYGFRL
111
p53_Mac_Fuscata PGPDEAPRMSE-----AAPMAPTPAAPTPAAPAPAPSWPLSSSVPSQKTYHGSYGFRL
111
p53_Mac_Mulatta PGPDEAPRMSE-----AAPMAPTPAAPTPAAPAPAPSWPLSSSVPSQKTYHGSYGFRL
111
p53_Guinea_pig P--DGDGHVSA-----APVSEAPTSAGPALVAPAPATSWPLSSSVPSHKPYRGSYGFV
109
p53_Bugs_Bunny P--EEGLRVPA-----APAPEAPAPAAPALAAPAPATSWPLSSSVPSQKTYHGNYGFR
108
p53_Gold_hamster G---EALQGSAAAAAPAAPAEEDPVAETPAPVASAPATPWPLSSSVPSYKTYQGDYGFRL
114
p53_Chinese_hamster G---GALQG---VAAAAASTAEDPVTETPAPVASAPATPWPLSSSVPSYKTFQGDYGFRL
111
p53_Gerbil D---EALPVCT-----APAEG--PAPEAPAPAAPPASWPLSSFVPSHKTFQGNYGFR
104
p53_Rat E---EALQVS-----APAAQEPGTEAPAPVAPASATPWPLSSSVPSQKTYQGNYGFR
109
p53_Marmota_monax P--DEALQMSA-----APAPKAPTAASTLAAPSPATSWPLSSSVPSQNTYPGVYGFRL
109
p53_Spalax D---EALQVPA-----AAITGDPVTETAPVAPPATPWPLSSSVPSQKTYQGSYGFRL
109
p53_Tree_shrew PGPDEAPRMPE-----AAPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRL
111
p53_Mus_musculus S---EALRVSG-----APAAQDPVTETPGPVAPAPATPWPLSSFVPSQKTYQGNYGFR
105
p53_Bos_indicus P--NEAPQMPE-----PS-----APAAPPATPAPATSWPLSSFVPSQKTYPGNYGFRL
103
p53_Bos_taurus P--NEAPQMPE-----PS-----APAAPPATPAPATSWPLSSFVPSQKTYPGNYGFRL
103
p53_Sheep P--NEAPQMPE-----P-----PAQAALAPATSWPLSSFVPSQKTYPGNYGFRL 99
p53_Pig P--DDASRVPA-----PP-----AATAPAPAAPAPATSWPLSSFVPSQKTYPGSYDFRL
103
p53_Canis_fam S--DDAPRMPA-----TS-----APTAPGPAP-----SWPLSSSVPSKTYPGTYGFRL 98
p53_Beluga_Whale P--DEAPQMPE-----PP-----APAAPTAAAPAPATSWPLSSFVPSQKTYPGSYGFRL
104
p53_Felix_Catus P--DDASGMSA-----VP-----APAAPAPATPAPAISWPLSSFVPSQKTYPGAYGFRL
103

p53_Homo_Sapiens GFLHSGTAKSVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGRVRAMAIYKQSQHMTE
171
p53_Afr_Green_Monk. GFLHSGTAKSVTCTYSPDLNKMFCQLAKTCPVQLWVDSTPPPGSRVRAMAIYKQSQHMTE
171
p53_Mac_Fascicularis GFLHSGTAKSVTCTYSPDLNKMFCQLAKTCPVQLWVDSTPPPGSRVRAMAIYKQSQHMTE
171

p53_Mac_Fuscata 171 GFLHSGTAKSVTCTYSPDLNKMFCQLAKTCPVQLWVDSTPPPGSRVRAMAIYKQSQHMTE
p53_Mac_Mulatta 171 GFLHSGTAKSVTCTYSPDLNKMFCQLAKTCPVQLWVDSTPPPGSRVRAMAIYKQSQHMTE
p53_Guinea_pig 169 HFLKSGTAKSVTCTYSPGLNKLFCQLAKTCPVQVWVESPPPPGTRVRALAIYKKSQHMTE
p53_Bugs_Bunny 168 GFLHSGTAKSVTCTYSPCLNKLFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKKSQHMTE
p53_Gold_hamster 174 GFLHSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVSSSTPPPGTRVRAMAIYKKLQYMTE
p53_Chinese_hamster 171 GFLHSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVNSTPPPGTRVRAMAIYKKLQYMTE
p53_Gerbil 164 GFLQSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVSSAPPPGTRVRAMAIYKNSQHMTE
p53_Rat 169 GFLQSGTAKSVMCTYSISLNKLFCQLAKTCPVQLWVTSTPPPGTRVRAMAIYKKSQHMTE
p53_Marmota_monax 169 GFLHSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKKSQHMTE
p53_Spalax 169 GFLHSGTAKSVTCTYSPPLNKLFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKKSQHMTE
p53_Tree_shrew 171 GFLHSGTAKSVTCTYSPDLNKLFCQLAKTCPVQLWVDSAPPPGTRVRAMAIYKQSQYVTE
p53_Mus_musculus 165 GFLQSGTAKSVMCTYSPPLNKLFCQLAKTCPVQLWVSATPPAGSRVRAMAIYKKSQHMTE
p53_Bos_indicus 163 GFLQSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVDSPPPPGTRVRAMAIYKKLEHMTE
p53_Bos_taurus 163 GFLQSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVDSPPPPGTRVRAMAIYKKLEHMTE
p53_Sheep 159 GFLHSGTAKSVTCTYSPSLNKLFCQLAKTCPVQLWVDSPPPPGTRVRAMAIYKKLEHMTE
p53_Pig 163 GFLHSGTAKSVTCTYSPALNKLFCQLAKTCPVQLWVSSPPPPGTRVRAMAIYKKSEYMTE
p53_Canis_fam 158 GFLHSGTAKSVTWTYSPLLNKLFCQLAKTCPVQLWVSSPPPPNTRVRAMAIYKKSEFVTE
p53_Beluga_Whale 164 GFLHSGTAKSVTCTYSPALNKLFCQLAKTCPVQLWVSSPPPPGTRVRAMAIYKKSEYMTE
p53_Felix_Catus 163 GFLQSGTAKSVTCTYSPPLNKLFCQLAKTCPVQLWVRSPPPPGTCVRAMAIYKKSEFMTE

p53_Homo_Sapiens 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRVEYLDDRNTFRHSVVVPYEPPEVG
p53_Afr_Green_Monk. 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRVEYSDDRNTFRHSVVVPYEPPEVG
p53_Mac_Fascicularis 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRVEYSDDRNTFRHSVVVPYEPPEVG
p53_Mac_Fuscata 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRVEYSDDRNTFRHSVVVPYEPPEVG
p53_Mac_Mulatta 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRVEYSDDRNTFRHSVVVPYEPPEVG
p53_Guinea_pig 224 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLHAEYVDDRQTFRHSVVVPYEPPEVG
p53_Bugs_Bunny 223 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRAEYLDDRNTFRHSVVVPYEPPEVG
p53_Gold_hamster 229 VVRRCPHHERSSE-----GDGLAPPQHILIRVEGNMHAEYLDDKQTFRHSVVVPYEPPEVG
p53_Chinese_hamster 226 VVRRCPHHERSSE-----GDSLAPPQHILIRVEGNLHAEYLDDKQTFRHSVVVPYEPPEVG
p53_Gerbil 224 VVRRCPHHERCSENEASDPRGRAPPQHILIRVEGNLHAEYVDDRQTFRHSVLVPYESPPEVG
p53_Rat 224 VVRRCPHHERCSD-----GDGLAPPQHILIRVEGNPYAEYLDDRQTFRHSVVVPYEPPEVG
p53_Marmota_monax 224 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLRAEYLDDRNTFRHSVVVPYEPPEVG
p53_Spalax 224 VVKRCPHHERCSD-----SDGLAPPQHILIRVEGNLRAEYLDDKHTFRHSVVVPYEPPEVG
p53_Tree_shrew 226 VVRRCPHHERCSD-----SDGLAPPQHILIRVEGNLHAEYSDDRNTFRHSVVVPYEPPEVG
p53_Mus_musculus 217 VVRRC--HHRCS-----GDGLAPPQHILIRVEGNLYPEYLEDRQTFRHSVVVPYEPPEAG
p53_Bos_indicus 219 VVRRCPHHERSSDY-----SDGLAPPQHILIRVEGNLRAEYLDDRNTFRHSVVVPYESPPEID
p53_Bos_taurus 219 VVRRCPHHERSSDY-----SDGLAPPQHILIRVEGNLRAEYLDDRNTFRHSVVVPYESPPEID

p53_Sheep 215 VVRRSPHHERSSDY----SDGLAPPQHILIRVEGNLRAEYFDDNTRFRHSVVVPYESPPEIE
p53_Pig 219 VVRRCPHHERSSDY----SDGLAPPQHILIRVEGNLRAEYLDDNTRFRHSVVVPYEPPEVG
p53_Canis_fam 214 VVRRCPHHERCSDS----SDGLAPPQHILIRVEGNLRAKYLDDNTRFRHSVVVPYEPPEVG
p53_Beluga_Whale 220 VVRRCPHHERCSDY----SDGLAPPQHILIRVEGNLRAEYLDDNTRFRHSVVVPYEPPEVG
p53_Felix_Catus 219 VVRRCPHHERCPDS----SDGLAPPQHILIRVEGNLHAKYLDDNTRFRHSVVVPYEPPEVG

p53_Homo_Sapiens 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Afr_Green_Monk. 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Mac_Fascicularis 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Mac_Fuscata 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Mac_Mulatta 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Guinea_pig 284 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGKLLGRDSFEVRVCACPGRRRTEE
p53_Bugs_Bunny 283 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Gold_hamster 289 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDPSGNLLGRNSFEVRVCACPGRRRTEE
p53_Chinese_hamster 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDPSGNLLGRNSFEVRVCACPGRRRTEE
p53_Gerbil 284 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDPSGNLLGRNSFEVRVCACPGRRRTEE
p53_Rat 284 SDYTTIHYKYMCSNCCMGGMNRPPILTIITLEDSSGNLLGRDSFEVRVCACPGRRRTEE
p53_Marmota_monax 284 SECTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Spalax 284 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Tree_shrew 286 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGKLLGRNSFEVRVCACPGRRRTEE
p53_Mus_musculus 277 SEYTTIHYKYMCSNCCMGGMNRPPILTIITLEDSSGNLLGRDSFEVRVCACPGRRRTEE
p53_Bos_indicus 279 SECTTIHYNMCSNCCMGGMNRPPILTIITLEDSCGNLLGRNSFEVRVCACPGRRRTEE
p53_Bos_taurus 279 SECTTIHYNMCSNCCMGGMNRPPILTIITLEDSCGNLLGRNSFEVRVCACPGRRRTEE
p53_Sheep 275 SECTTIHYNMCSNCCMGGMNRPPILTIITLEDSPGNLLGRNSFEVRVCACPGRRRTEE
p53_Pig 279 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDASGNLLGRNSFEVRVCACPGRRRTEE
p53_Canis_fam 274 SDYTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNVLLGRNSFEVRVCACPGRRRTEE
p53_Beluga_Whale 280 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE
p53_Felix_Catus 279 SDCTTIHYNMCSNCCMGGMNRPPILTIITLEDSSGNLLGRNSFEVRVCACPGRRRTEE

p53_Homo_Sapiens 345 ENLRKKGEPHHELPPGSTKRALPNNTS-SSPQPKKPLDGEYFTLQIRGRERFEMFRELN
p53_Afr_Green_Monk. 345 ENFRKKGEPCHELPPGSTKRALPNNTS-SSPQPKKPLDGEYFTLQIRGRERFEMFRELN
p53_Mac_Fascicularis 345 ENFRKKGEPCHQLPPGSTKRALPNNTS-SSPQPKKPLDGEYFTLQIRGRERFEMFRELN
p53_Mac_Fuscata 345 ENFRKKGEPCHQLPPGSTKRALPNNTS-SSPQPKKPLDGEYFTLQIRGRERFEMFRELN
p53_Mac_Mulatta 345 ENFRKKGEPCHQLPPGSTKRALPNNTS-SSPQPKKPLDGEYFTLQIRGRERFEMFRELN
p53_Guinea_pig 343 ENFRKKGGLCEPPTGNIKRALPTSTS-SSPQPKKPLDAEYFTLKIRGRKRFEMFRELN
p53_Bugs_Bunny 343 ENFRKKGEPCELPPESSKRALPTTTDSSPQTKKPLDGEYFTLKIRGRERFEMFRELN
p53_Gold_hamster 348 KNFQKKGEPCELPPESSKRALPTNTS-SSPQPKKPLDGEYFTLKIRGRERFEMFRELN
p53_Chinese_hamster KNFQKKGEPCELPPESSKRALPTNTS-SSPPPKKPLDGEYFTLKIRGRERFEMFRELN

345
 p53_Gerbil ENLRKKQ-RCPELPGSAKRALPTNTS-SSPQSKRKPADGEYFTLTKIRGRKRFEVFRELN
 342
 p53_Rat ENFRKKEEHCELPPEPGSAKRALPTSTS-SSPQQKKKPLDGEYFTLTKIRGRERFEMFRELN
 343
 p53_Marmota_monax ENFRKRGEPCPEPPRSTKRALPNGTS-SSPQPKKKPLDGEYFTLTKIRGRARFEMFOELN
 343
 p53_Spalax ENFRKKGELCELPPEPGSTKRALPTGTS-SSPQPKKKPLDGEYFTLTKIRGRERFEMFRELN
 343
 p53_Tree_shrew ENFRKKGESCPKLPPTGSIKRALPTGSS-SSPQPKKKPLDDEYFTLQIRGRERFEMFRELN
 345
 p53_Mus_musculus ENFRKKEVLCPELPPEPGSAKRALPTCTS-ASPQPKKKPLDGEYFTLTKIRGRKRFEVFRELN
 336
 p53_Bos_indicus ENLRKKKGQSCPEPPRSTKRALPTNTS-SSPQPKKKPLDGEYFTLQIRGFKRYEMFRELN
 338
 p53_Bos_taurus ENLRKKKGQSCPEPPRSTKRALPTNTS-SSPQPKKKPLDGEYFTLQIRGFKRYEMFRELN
 338
 p53_Sheep ENFRKKKGQSCPEPPPGSTKRALPSSTS-SSPQQKKKPLDGEYFTLQIRGRKRFEVFRELN
 334
 p53_Pig ENFLKKKGQSCPEPPPGSTKRALPTSTS-SSPVQKKKPLDGEYFTLQIRGRERFEMFRELN
 338
 p53_Canis_fam ENFHKKGEPCPEPPPGSTKRALPPSTS-SSPQPKKKPLDGEYFTLQIRGRERYEMFRNLN
 333
 p53_Beluga_Whale ENFHKKKGQSCPELPPTGSAKRALPTGTS-SSPQPKKKPLDGEYFTLQIRGRERFEMFRELN
 339
 p53_Felix_Catus ENFRKKGEPCPEPPPGSTKRALPPSTS-STPPQKKKPLDGEYFTLQIRGRERFEMFRELN
 338

 p53_Homo_Sapiens EALELKDAQAGKEPAGSRAHSSHLKSKKGQSTS RHKKLMFKTEGPDSD 393
 p53_Afr_Green_Monk. EALELKDAQAGKEPAGSRAHSSHLKSKKGQSTS RHKKFMFKTEGPDSD 393
 p53_Mac_Fascicularis EALELKDAQAGKEPAGSRAHSSHLKSKKGQSTS RHKKFMFKTEGPDSD 393
 p53_Mac_Mulatta EALELKDAQAGKEPAGSRAHSSHLKSKKGQSTS RHKKFMFKTEGPDSD 393
 p53_Guinea_pig EALEFKDAQTEKEPAGESRPHSSYPKSKKGQSTS CHKKLMFKREGLDSD 391
 p53_Bugs_Bunny EALELKDAQAEKEPAGSRAHSSYLKAKKGQSTS RHKKPMFKREGPDSD 391
 p53_Gold_hamster EALELKDAQALKASEDSGAHSSYLKSKKGQSTS ASRLKLMFKREGPDSD 396
 p53_Chinese_hamster EALELKDAQASKGSEDNGAHSSYLKSKKGQSTS ASRLKLMFKREGPDSD 393
 p53_Gerbil EALELKDAQAAGESGDGRAQASCLKTKKDKSTSPRKNPMIKREPDSD 390
 p53_Rat EALELKDARAAEESGDSRAHSSYPKTKKGQSTS RHKKPMIKKVPDSD 391
 p53_Marmota_monax EALELKDAQAEKEPAGESRPHPSYLKSKKGQSTS RHKKIIFKREGPDSD 391
 p53_Spalax EALELKDTQAEKDSGESRAHSSYLKSKKGQSTS RHKKLMFKREGPDSD 391
 p53_Tree_shrew EALELKDAMAGKESAGSRAHSSHLKSKKGQSTS RHKKLMFKTEGPDSD 393
 p53_Mus_musculus EALELKDAHATEESGDSRAHSSYLKTKKGQSTS RHKKTMVKKVPDSD 384
 p53_Bos_indicus DALELKDALDGREPGESRAHSSHLKSKKRPSPSCHKKPMLKREGPDSD 386
 p53_Bos_taurus DALELKDALDGREPGESRAHSSHLKSKKRPSPSCHKKPMLKREGPDSD 386
 p53_Sheep EALELMDAQAGREPGESRAHSSHLKSKKGPSPSCHKKPMLKREGPDSD 382
 p53_Pig DALELKDAQTARESGENRAHSSHLKSKKGQSTS RHKKPMFKREGPDSD 386
 p53_Canis_fam EALELKDAQSGKEPAGSRAHSSHLKAKKGQSTS RHKKLMFKREGLDSD 381
 p53_Beluga_Whale EALELKDAQAGKEPAGESRAHSSHLKSKKGQSTS RHKKLMFKREGPDSD 387
 p53_Felix_Catus EALELKDAQSGKEPAGSRAHSSHLKAKKGQSTS RHKKPMLKREGLDSD 386