

	100	110	120	130	140	150	160	170	180			
sp P04637 P53_HUMAN	SSSVPSQKTYQGSYGFRLGFLHSGTAKSVTCTYS	PALNKMFCQLAKT	CPVQLWVDST	PPP	PGTRVRAMAIYK	QSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
tr Q7LDI3 P63_HUMAN	PPA	PSNTDYPGPHSFDVSFQSS	TAKSATWTYSTELK	KLYCQIAKTCPI	QIKVMT	PPQ	GAVIRAMPVYK	KA	EHVTEVVKRCPN	NHEL	SREFN	---EGQIA
sp O15350 P73_HUMAN	APV	PSNTDYPGPHHFEVTFQSS	TAKSATWTYSP	LKLYCQIAKTCPI	QIKVST	PPP	GTAIRAMPVYK	KA	EHVTEVVKRCPN	NHEL	GRDFN	---EGQSA
sp P13481 P53_CERAE_Monkey	SSSVPSQKTYHGSYGFRLGFLHSGTAKSVTCTYS	PDLNKMFCQLAKT	CPVQLWVDST	PPP	GSRVRAMAIYK	QSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
sp Q9TTA1 P53_TUPGB_TreeShrew	SSSVPSQKTYQGSYGFRLGFLHSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQLWVDSA	PPP	PGTRVRAMAIYK	QSQYVTEVVRRC	PHHERCSD	-----	SDGLA			
sp O36006 P53_MARMO_Woodchuck	SSSVPSQNTYPGVYGFRLGFLHSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVDST	PPP	PGTRVRAMAIYK	KSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
sp Q64662 P53_SPEBE_Squirrel	SSSVPSQNTYPGVYGFRLGFIHSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVDST	PPP	PGTRVRAMAIYK	KSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
tr Q68VB0 P53_MoleRat	SSSVPSQKTYQGSYGFRLGFLHSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQLWVDST	PPP	PGTRVRAMAIYK	KSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
sp Q95330 P53_RABBIT	SSSVPSQKTYHGNYGFRLLGFLHSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQLWVDST	PPP	PGTRVRAMAIYK	KSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
tr Q8SPZ3 P53_WHALE	SSFVPSQKTYPGSYGFHLGFLHSGTAKSVTCTYS	PALNKLFCQLAKT	CPVQLWVSSP	PPP	PGTRVRAMAIYK	KSEY	MTEVVRRC	PHHERCSDY	---SDGLA			
sp Q9TUB2 P53_PIG	SSFVPSQKTYPGSYDFRLGFLHSGTAKSVTCTYS	PALNKLFCQLAKT	CPVQLWVSSP	PPP	PGTRVRAMAIYK	KSEY	MTEVVRRC	PHHERSSDY	---SDGLA			
sp Q9WUR6 P53_CAVPO_GuineaPig	SSSVPSHKPYRGSYGFVHFLKSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQVWVES	PPP	PGTRVRALAIYK	KSQHMTEVVRRC	PHHERCSD	-----	SDGLA			
sp P67939 P53_BOVIN_Taurus	SSFVPSQKTYPGNYGFRLGFLQSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVDS	PPP	PGTRVRAMAIYK	KLEHMTEVVRRC	PHHERSSDY	---SDGLA				
sp P67938 P53_BOVIN_Zebu	SSFVPSQKTYPGNYGFRLGFLQSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVDS	PPP	PGTRVRAMAIYK	KLEHMTEVVRRC	PHHERSSDY	---SDGLA				
sp P51664 P53_SHEEP	SSFVPSQKTYPGNYGFRLGFLHSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVDS	PPP	PGTRVRAMAIYK	KLEHMTEVVRRC	PHHERSSDY	---SDGLA				
sp P79892 P53_HORSE_frgt	SSFVPSQKTYPGCYGFRLGFLNSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQLLVSS	PPP	PGTRVRAMAIYK	KSEFMTEVVRRC	PHHERCSDS	---SDGLA				
sp Q29537 P53_CANFA_Dog	SSSVPSPKTYPGTYGFRLGFLHSGTAKSVTWTYS	PDLNKLFCQLAKT	CPVQLWVSS	PPP	NTCVRAMAIYK	KSEFVTEVVRRC	PHHERCSDS	---SDGLA				
sp P41685 P53_FELCA_Cat	SSFVPSQKTYPGAYGFHLGFLQSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQLWVRS	PPP	PGTCVRAMAIYK	KSEFMTEVVRRC	PHHERCPDS	---SDGLA				
sp P10361 P53_RAT_Norvegicus	SSSVPSQKTYQGNYGFRLLGFLQSGTAKSVMCTYS	ISLNKLFCQLAKT	CPVQLWVST	PPP	PGTRVRAMAIYK	KSQHMTEVVRRC	PHHERCS	-----	DGGLA			
tr Q920Y0 P53_Gerbil	SSFVPSHKTFQGNYGFRLLGFLQSGTAKSVTCTYS	PSLNKLFCQLAKT	CPVQLWVSSA	PPP	PGTRVRAMAIYK	NSQHMTEVVRRC	PHHERCS	ENEASDPRGRA				
sp P02340 P53_MOUSE	SSFVPSQKTYQGNYGFRLLGFLQSGTAKSVMCTYS	PDLNKLFCQLAKT	CPVQLWVSAT	PPA	GSRVRAMAIYK	KSQHMTEVVRRC	PHHERCS	-----	DGGLA			
sp P10360 P53_CHICKEN	SPVVPSTEDYGGDFDFRVGFVEAGTAKSVTCTYS	PVLNKVYCR	LAKPCPVQVRV	GVAPP	PGSSLRAVAVYK	KSEHVAE	VVRRC	PHHERCGGG	---TDGLA			
tr Q6NTF1 P53_Xenopus_tropical	SSAVPSTEDYAGSYGLKLEFQQNGTAKSVTCTYS	TDLNKLFCQLAKT	CPVQLLVRR	VERPP	PLGSLRATAVYK	KSEHVAE	VVRRC	PHHERSV	EP---GDPA			
sp Q9W678 P53_BARBU_Fish	TASVPVATDYPGEHGFKLGFQSGTAKSVTCTYS	SDLNKLFCQLAKT	CPVQMVV	NVA	PPQGSVIRATAIYK	KSEHVAE	VVRRC	PHHERTPDG	---DGLA			
sp P79734 P53_BRARE	TSTVPETSDYPGDHGFRLRFPQSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQMVV	DVA	PPQGSVIRATAIYK	KSEHVAE	VVRRC	PHHERTPDG	---DGLA			
sp O93379 P53_ICTPU_Catfish	TSTVPVTSYDYPGLLNFTHFQESSGTSVTCTYS	PDLNKLFCQLAKT	CPVLM	AVSSS	PPPGSVLRATAVYK	RSEHVAE	VVRRC	PHHERS	NDSS---DGPA			
sp P25035 P53_ONCMY_RainbowTro	TSTVPVTSYDYPGALGFQLRFLQSGTAKSVTCTYS	PDLNKLFCQLAKT	CPVQIVV	DHPP	PPGAVVRALAIYK	KLSDVAD	VVRRC	PHHQST	SENN---EGPA			
sp Q92143 P53_XIPMA_Platyfish	APTVPAINSYAGEHGFNLEFNDSGTAKSVTSTYS	VKLGKLF	CQLAKTTP	IGVLV	KEPPQ	GAVIRATAVYK	KTEHV	GEVVRRC	PHHQSE	DLS-----D		
sp O57538 P53_XIPHE_Fish	APTVPAINSYAGEHGFNLEFNDSGTAKSVTSTYS	VKLGKLF	CQLAKTTP	IGVLV	KEPPQ	GAVIRATS	VYK	KTEHV	GEVVRRC	PHHQSE	DLS-----D	