

hs - - MAARLLLLLGI LLLLLLPLPVP - APCHTAARSECKRSHK FVPGAWL
gg MKTTTSHCLAFS I LLLFHHLP T ICPQCHRAVGVKSCQV - - PPVPGTDI
PRF1_hgA - - - - -

hs AGEGVDV TSLRRSGSFPVD TQRFLRPDGTCTLCENALQEGTLQRLP
gg VGSGLDV T TMSL TEGQVLA I - - TKPTSRHCVVCVDRLHEGRSLLLLY
PRF1_hgA - - - - -

hs LALTNWRAQGS G CQRHVTRAKVSSSTEAVARDAARSIRNDWKVGLDV
gg NGISKWRAGS - KCRKRSSLATGRKSMKTLV SQTEKMAQNWKVGLRV
PRF1_hgA - - - - -

hs TPKPTSNVHVSVVAGSHSQAANFAAQKTHQDQYSFSTDTVECRFYSF
gg ALHPGMGVALAVAGSHSRVAEFGMQKEQEDRYSFASTELHCVHYWI
PRF1_hgA - - - - -

hs HVVHTPPLHPD F KRA LGD LPHHFNASTQPAY LRL I SNY GTH F IRAV
gg SASHKPRPSSH F LHA VRS L PPHYTPTTAPDYADLLAA Y GTHY I HSA
PRF1_hgA - - - - - PHFLRAVRS L PPTFDPSSSAS Y ARLLSTS GTHAVRSA

hs ELGGRISAL T ALRT CELALEGLTDNEVE DCLTVEAQVNIGIHGSI S
gg QLGGLLRSI T AIRSCRAAMMGAGTQEVADCLSAEMTANMK S - AAFS
PRF1_hgA RLGGRVRAL T AVR L CRAA MAG VTAE EAS DCLMAEASFG - - - - AVS

hs AEAK ACEEKKKKHKMTAS F HQTYRERHSEVVGGHHTSINDLLFGIQ
gg AMSSACRKAKSKNSAHS A FHQLFDERMVEVEGGE - Q-HG D LLYG - -
PRF1_hgA AAAG ACRTARRWLEGNES FGEFFGQRFLEVDGGGVDR-DG D L VFG - -

hs AGPEQYS A W VNSLP GS P GLVDY TLE PLHV L L D S Q DPRREALRRALS
gg - PPENYAK W LSS LQRL P GLVASIVRPLHTLLPPQ DPRQAALKA AVS
PRF1_hgA - RPEGFSK W LRGVPEAPAVVQADLW PLHAL L VPPS DPRRAALRAA IIG

hs QYLTDR A RWRD CSRPCPPGRQKSPRPDPCQCVC HGS AVTTQDCCPRQ
gg HYIAWRA LRVNCSQQCAGH - - - SAVGLCQC CGCAANNAV SADCCKH
PRF1_hgA SYVA AKA LRVNCS CGRSGH - - - TRGQWS - LGWSSVVNGQW - - - SGV

hs RGLAQLEVTFIQAWGLW G DWFTATDAYVKLFFG GQELRTSTV W DNN
gg RGM A QVTVTVLEGS GWRG DFFTPTDAYVLLYFNGQQRVRTATV WNNN
PRF1_hgA SGQW - - - - SV-VSGQWS G - - - - - VS GQWSVVS GQWSPS

hs NPI W SVRLDFGDVLLLATGGPLRLQVWDQDSGRDDDLLGTCDQAPKS
gg RPR W GARFDFGWVMLH P H Q K M K V E V W D Q D N G W N D D R L G V C E L P V Q A
PRF1_hgA AAT W RPKR * - - - - -

hs - - - GSHEVRCNLNHGH L KFRYHARCLPHLGGGTCLDYVPQMLLGE P
gg TGRQQRNVVCFPGGGH L KLSYSAMCGPSLGGSECSEYIPQPPKGGQ
PRF1_hgA - - - - -

hs PGN - - - - - RSGAVW * - - - - -
gg GLYRLS QWPPKSGDVGPVAWPQHKEGEEEEEEEEE EEEEEEE EEEQEEQ
PRF1_hgA - - - - -

hs - - -
gg DNFWEVLGVSEDNRTMVEDEDH QDPSSDLQNP SFNPQNLSVDLKKD
PRF1_hgA - - - - -

hs	- - - - -
gg	P D P R I P F P R Y R A A P P A P *
PRF1_hgA	- - - - -