

hs - - MAARLLLLLGILLLLPLPVP - APCHTAARSECKRSHK FVPGAWL
gg MKTTSHCLAFSILLLFHHLPTICPQCHRAVGKSCQV - - PPVPGTDI
PRF1_ggA - - - - -

hs AGEGVDVTS LRRSGSF PVD TQRFLRPDGTCTLCENALQEGTLQRLP
gg VGSGLDVTTMSL TEGQVLA I - - TKPTSRHC VVCVDRLHEGRSLLLY
PRF1_ggA - - - - -

hs LALTNWRAQGS GCQRHVTRAKVSS TEAVARDAARS IRNDWKVGLDV
gg NGISKWRAGS - KCRKRSSLATGRKSMKTLVSQTEKMAQNWKVG LRV
PRF1_ggA - - - - -

hs TPKPTSNVHVSVAGSHSQAANFAAQKTHQDQYSFSTDTVECRFY SF
gg ALHPGMGVALAVAGSHSRVAEFGMQKEQEDRYSFASTELHCVHYWI
PRF1_ggA - - - - -

hs HVVHTPPLHPDFKRALGDLPHHFNASTQPAYLRL LISNYGTHFIRAV
gg SASHKPRPSSSHFLHAVRSLPPHYTPTTAPDYADLLAAYGTHYI HSA
PRF1_ggA - - - - -

hs ELGGRISALTALRTCELAL EGLTDNEVEDCLTVEAQVNIGI HGSIS
gg QLGGLLRSITAIRSCRAAMMGAGTQEVADCLSAEMTANMKS - AAFS
PRF1_ggA - - - - -

hs AEAKACEEKKKKKHKMTASFHQTYRERHSEVVGGHHTSINDLLFGIQ
gg AMSSACRKA KSKNSAHS AFHQLFDERMVEVEEGGEQH - - GDLLYG - -
PRF1_ggA - - - - -

hs AGPEQYS AWVNSLP GS PGLVDY TLEP LHVLLDSQDPRREALRRALS
gg - PPENYAKWLSSLQRL PGLVASIVRPLHTLLPPQDPRQAALKA AVS
PRF1_ggA - - - - -

hs QYLTDRA RWRDCSRPCPPGRQKSPRPDPCQCVCHGSAVTTQDCCPRQ
gg HYIAWRA LRVNCSQQCAG - - HSAVGLCQC CGCAANNAV SADCCSKH
PRF1_ggA FVIRENA A - - - - -

hs RGLAQLEVTFIQAWGLWG - DWFTATDAYVKLFFGGQELRTSTVWDN
gg RGM AQT VTVLEGS GWRG - DFF TPTDAYVLLYFNGQRRV TATVWNN
PRF1_ggA KGY - SLQAQVALNWSASSAKRKTSA DSALK - TFG - - - -

hs NNP IWSVR LDFGDVLLATGGPLRLQVWDQDSGRDDDL LGTCDQAPK
gg NRP RWGAR FDFGWVMLHPHQKMKVEVWDQDNGWNNDDR LGVCELPVQ
PRF1_ggA QSAX WGAR LDLGPVVLPPGAR LKVEVWDEDNKWD DDL LGVCEEPVE

hs S - - GSHEVR CNLNHGHLKFRYHARC LPHLGGGTCLDYVPQMLLGE
gg ATGRQQRNVVCFPGGGHLKLSYSAMCGPSLGGSECSEYI PPKKGQ
PRF1_ggA AG - - KNREVVC FPGSGRL EFSYQATCGPSLGGPLCHDYVAQ PPKGN

hs PPGN - - - - - RSGAVW - - - - -
gg GGLYRLS QWPPKSGDVG PVAW P QHKEGEEEEEEQEEEEEEEEEEQEE
PRF1_ggA GWLYRLS QWPPRPGD - GPVDW PNQDEQE EEE - - - - -

hs QDNFWEVLGVSEDNRTMVEDE - - - - - DHQ - - - - - DPSS
gg LEAFWESLENPGANSSSDEPQEMEMMGFGEDLEDDLDPLDEPTDAF
PRF1_ggA

hs	- - - - -
gg	D L Q N P S F N P Q N L S V D - - - - - L K K D - P D P R I P F P R Y R - - - - -
PRF1_ggA	D L P E P L F G F G E G L L E V N P S S G F K E G P P D L Q D P S S G F K E S P T E L D P P

hs	- - - - -
gg	- - - A A P P A P
PRF1_ggA	S S S G E G P P D P