

m 17776	1	MGKMGPKRTVVAGATGSKVYPWTTKRL LKIGQKQVTHSFLVIPECPAPLLGRDLLTKLKA	60
qm 31553	1	MGKMGPKRTVVAGATGSKVYPWTTKRL LKIGQKQVTHSFLVIPECPAPLLGRDLLTKLKA	60
AAF15098	1	MGKMGSKRTVVAGATGSKVYPWTTKRL LKIGQKQVTHSFLVIPECPAPLLGRDLLTKLKA	60
m 17776	61	QIQFSTEGPQVTWEDHPAMCLVLNLEEEYRLHEKPVPPSIDPSWLQLFPMVWAEKAGMGL	120
qm 31553	61	QIQFSTEGPQVTWGDHPAMCLVLNLEEEYRLHEKPVPPSIDPSWLQLFPMVWAEKAGMGL	120
AAF15098	61	QIQFSTEGPQVTWEDHPAMCLVLNLEEEYRLHEKPVPPSIDPSWLQLFPMVWAEKAGMGL	120
m 17776	121	ANQVPPVVVELKSDASPVAVRQYPMSKEAREGIRPHIQRFLDLGILVPCQSPWNTPLLPV	180
qm 31553	121	ANQVPPVVVELKSDASPVAVRQYPMSKEAREGIRPHIQRFLDLGILVPCQSPWNTPLLPV	180
AAF15098	121	ANQVPPVVVELKSDASPVAVRQYPMSKEAREGIRPHIQRFLDLGILVPCQSPWNTPLLPV	180
m 17776	181	KKPGTNDYRPVQDLREVNKRVDIHPTVPNPYNLLSSLPPSHTWYSVLDLKDAFFCLKLH	240
qm 31553	181	KKPGTNDYRPVQDLREVNKRVDIHPTVPNPYNLLSSLPPSHTWYSVLDLKDAFFCLKLH	240
AAF15098	181	KKPGTNDYRPVQDLREVNKRVDIHPTVPNPYNLLSSLPPSHTWYSVLDLKDAFFCLKLH	240
m 17776	241	PNSQPLFAFEWRDPEKGNTGQLTWTRLPQGFKNSTLFDEALHRDLASFRALNPQVVMLQ	300
qm 31553	241	PNSQPLFAFEWRDPEKGNTGQLTWTRLPQGFKNSTLFDEALHRDLASFRALNPQVVMLQ	300
AAF15098	241	PNSQPLFAFEWRDPEKGNTGQLTWTRLPQGFKNSTLFDEALHRDLASFRALNPQVVMLQ	300
m 17776	301	YVDDLVAAPTYRDCKEGTRRL LQELSKLGYRVS AKKAQLCREEVTY LGYLLKGGKRWLT	360
qm 31553	301	YVDDLVAAPTYRDCKEGTRRL LQELSKLGYRVS AKKAQLCREEVTY LGYLLKGGKRWLT	360
AAF15098	301	YVDDLVAAPTYRDCKEGTRRL LQELSKLGYRVS AKKAQLCREEVTY LGYLLKGGKRWLT	360
m 17776	361	PARKATVMK IPTPTTPRQVREF LGTAGFCRLWIPGFASLAAPLYPLTREKVPFTWTEAHQ	420
qm 31553	361	PARKATVMK IPTPTTPRQVREF LGTAGFCRLWIPGFASLAAPLYPLTREKVPFTWTEAHQ	420
AAF15098	361	PARKATVMK IPTPTTPRQVREF LGTAGFCRLWIPGFASLAAPLYPLTREKVPFTWTEAHQ	420
m 17776	421	EAFGRIKEALLSAPALALPDLTKPFALYVDEKEGVARGVLTQT LGPWRRPVAYLSKKLDP	480
qm 31553	421	EAFGRIKEALLSAPALALPDLTKPFALYVDEKEGVARGVLTQT LGPWRRPVAYLSKKLDP	480
AAF15098	421	EAFGRIKEALLSAPALALPDLTKPFALYVDEKEGVARGVLTQT LGPWRRPVAYLSKKLDP	480
m 17776	481	VASGWPTCLKAI AAVALLKDADKLT LGQNVLV IAPHNLESIVRQPPDRWMTNARMTHYQ	540
qm 31553	481	VASGWPTCLKAI AAVALLKDADKLT LGQNVLV IAPHNLESIVRQPPDRWMTNARMTHYQ	540
AAF15098	481	VASGWPTCLKAI AAVALLKDADKLT LGQNVLV IAPHNLESIVRQPPDRWMTNARMTHYQ	540
m 17776	541	SLLLNERVSFAPPA I LNPATLLPVESDDTP IHICSE I LAEETGTRPD LRDQPLPGVPAWY	600
qm 31553	541	SLLLNERVSFAPPA I LNPATLLPVESDDTP IHICSE I LAEETGTRPD LRDQPLPGVPAWY	600
AAF15098	541	SLLLNERVSFAPPA I LNPATLLPVESDDTP IHICSE I LAEETGTRPD LRDQPLPGVPAWY	600
m 17776	601	TDGSSFIMDGRRQAGAA IVDNKRTVWASNLP EG TSAQKAEL IALTQALRLAEGKSI NIYT	660
qm 31553	601	TDGSSFIMDGRRQAGAA IVDNKRTVWASNLP EG TSAQKAEL IALTQALRLAEGKSI NIYT	660
AAF15098	601	TDGSSFIMDGRRQAGAA IVDNKRTVWASNLP EG TSAQKAEL IALTQALRLAEGKSI NIYT	660
m 17776	661	DSRYAFATAHVHGA IYKQRGLLTSAGKDIKNKEE I LALLEA I HLPKRVA I HC PGHQ RGT	720
qm 31553	661	DSRYAFATAHVHGA IYKQRGLLTSAGKDIKNKEE I LALLEA I HLPKRVA I HC PGHQ RGT	720
AAF15098	661	DSRYAFATAHVHGA IYKQRGLLTSAGKDIKNKEE I LALLEA I HLPKRVA I HC PGHQ RGT	720
m 17776	721	DPVATGNRKADEAAKQAAQSTR I LTETTKNQEP FEPTRGK I KPRELTP NQGREF I QRLHQ	780
qm 31553	721	DPVATGNRKADEAAKQAAQSTR I LTETTKNQEH FEPTRGK I KPRELTP DQGREF L QRLHQ	780
AAF15098	721	DPVATGNRKADEAAKQAAQSTR I LTETTKNQEH FEPTRGK I KPRELTP DQGREF I QRLHQ	780
m 17776	781	LTHLGPDKLLQLVGRTSFH I PNLQSVVRE I TSKCQVCAVTNAVTTYRESGRRQRGDRPGV	840
qm 31553	781	LTHLGPDKLLQLVGRTSFH I PNLQSVVRE I TSKCQVCAVTNAVTTYRESGRRQRGDRPGV	840
AAF15098	781	LTHLGPDKLLQLVGRTSFH I PNLQSVVRE I TSKCQVCAVTNAVTTYREP GRRQRGDRPGV	840
m 17776	841	YWEVDFTEVKPGRYGNRYLLVF IDTFSGWWEAFPTKTETALT VCKK I LEE I LPRFG I PKV	900
qm 31553	841	YWEVDFTEVKPGRYGNRYLLVF IDTFSGWWEAFPTKTETALT VCKK I LEE I LPRFG I PKV	900
AAF15098	841	YWEVDFTEVKPGRYGNRYLLVF IDTFSGWWEAFPTKTETALT VCKK I LEE I LPRFG I PKV	900
m 17776	901	LGSDNGPAFVAQVSQGLATQLG I NWK LHCA YRPQSSGQVERMNRT I KET LTKLALETGGK	960
qm 31553	901	LGSDNGPAFVAQVSQGLATQLG I NWK LHCA YRPQSSGQVERMNRT I KET LTKLALETGGK	960
AAF15098	901	LGSDNGPAFVAQVSQGLATQLG I DWK LHCA YRPQSSGQVERMNRT I KET LTKLALETGGK	960
m 17776	961	DWVTLLPLALLRARNTPGQFGLTPYE I LHGGPPV LASGEVVG SNGDFFPVLFTHLKALE	1020
qm 31553	961	DWVTLLPLALLRARNTPGQFGLTPYE I LHGGPPV LASGEVVG SNGDFFPVLFTHLKALE	1020
AAF15098	961	DWVTLLPLALLRARNTPGQFGLTPYE I LHGGPPV LASGEVVG SNGDFFPVLFTHLKALE	1020
m 17776	1021	VVRTQ IWDQ I KEAYRPGTVA I PHPFQVGDRVLVRRHRSGSLEPRWKGPYLVLLTTPTAVK	1080
qm 31553	1021	VVRTQ IWDQ I KEAYRPGTVA I PHPFQVGDRVLVRRHRSGSLEPRWKGPYLVLLTTPTAVK	1080
AAF15098	1021	VVRTQ IWDQ I KEAYRPGTVA I PHPFQVGDRVLVRRHRSGSLEPRWKGPYLVLLTTPTAVK	1080
m 17776	1081	VDG IAAVW HASHLKP APPGAPDESWE LEKTDHPLKLRVRRRRNESTA	1127
qm 31553	1081	VDG IAAVW HASHLKP APPGAPDESWE LEKTDHPLKLRVRRRRNESTA	1127
AAF15098	1081	VDG IAAVW HASHLKP APPGAPDESWE LEKTDHPLKLRVRRRRNESTA	1127