

MGAS29482	SOF	1	MTNCKYKLRKLSVGLVSVGTM LIAPTVLGQEVSA S S S T E S S T T T A N T G T G T A S G M T A T T P S A T T D T G E A A G S G A R S E A N G A S S V V S S E E S Q S S G T T P A S P	100
MGAS28016	SOF	1	MTNCKYKLRKLSVGLVSVGTM LIAPTVLGQEVSA S S S T E S S T T T A N T G T G T A S G M T A T T P S A T T D T G E A A G S G A R S E A N G A S S V V S S R R K S E F R H Y S S L T	100
MGAS12247	SOF	1	MTNCKYKLRKLSVGLVSVGTM LIAPTVLGQEVSA S S S T E S S T T T A N T G T G T A S G M T A T T P S A T T D T G E A A G S G A R S E A N G A S S V V S S E E S Q S S G T T P A S P *****	100
MGAS29482	SOF	101	QAQTAPAATSTSSASSNEKTPKTATTTTSSTPVASTSNNSNKVTSTEAETQTHDVERYTVDKENSKLNIKDGKTPKTRSSVNKDTKLI RNRDDKQRDIV	200
MGAS28016	SOF	101	PSTDSSSNVNIIGFF-----	116
MGAS12247	SOF	101	QAQTAPAATSTSSASSNEKTPKTATTTTSSTPVASTSNNSNKVTSTEAETQTHDVERYTVDKENSKLNIKDGKTPKTRSSVNKDTKLI RNRDDKQRDIV	200
MGAS29482	SOF	201	DVTRTVKTNEDGTIDVTVTVKPKQIDEGADVMALLDVSQKMTKENFDKAKEQIKKMVTTLTGEPDGGKENHNRNRVRLMTFYRKVNEPIELTAENVDKT	300
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	201	DVTRTVKTNEDGTIDVTVTVKPKQIDEGADVMALLDVSQKMTKENFDKAKEQIKKMVTTLTGEPDGGKENHNRNRVRLMTFYRKVNEPIELTAENVDKT	300
MGAS29482	SOF	301	LDEVWKKAKEDWDWGDVLDQGAIHKAREIFNKEKEKKSQRQHIVLFSQGESTFSYDIKNKSDITKTKITEKVTTSSPLFPWLPFNHNTNRKAEIIGDLEK	400
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	301	LDEVWKKAKEDWDWGDVLDQGAIHKAREIFNKEKEKKNRVNASISSCSKANQPLVMILKIKVILQKQK-----	367
MGAS29482	SOF	401	VLDMAEKVIGISLPSLSKSAVKALGLTNSAIGSILGKGLTEYLGLEYSSDNLDDGGGFDYSKRVGEGYYYHSFSDRKYENTMPLLEAIRTALASNFPKLT	500
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	501	NWFFDIILNSFVNKDTVEKAKLDVIMKVLNSIFYKREYRYNHLSAIAEAKMAQEGITFYSDVDTLNSASKRVRRAAVRKGTKEEENKNEERNTK	600
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	601	FDTYLKKMSEGNFVLSNVEERDKFKDTLTELTIKDEFDVKVTEKDSWSKSIITDGLKNSNNNVKHQQANTSTWFFSFSKESLTWIIISKEQLKEAFEKN	700
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	701	GSLTFKYKLRVNDKLLDKDKRTRKRDTP TENKTSVTADII SNTVDYKINNQEYKGNKLDVAVKLT YTKETVPVPDVEGEVVP IPEKPLVEPMTPLYPAIP	800
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	801	NYPTPLPKDEDL EISGGHPIDVIVEDGTGVEGGAQGVVSTQENKDPIDVITEDTQPGMSGSDATVVEEDTAPKRPDVLVGGQSDPIDITEDTQPS	900
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	901	VSGSDATVVEEDTVPKRPDILVGGQSDPIDITEDTQPGMSGSDATVIEEDTKPKRFFHFDNEPQAPEKPKQPSLSLPQAPVYKAAHHL PASGDKREA	1000
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367
MGAS29482	SOF	1001	SFTIVALTIIGAAGLLSKRRDTEEN	1026
MGAS28016	SOF	117	-----	116
MGAS12247	SOF	368	-----	367