

1

ref_MH368667/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWE
113179-17_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
809097-16_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
13892823_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
14414149_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
16020166_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
18111299_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
19221887_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
808922-16_S_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
16003084_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
18701876_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
20038016_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGIYT	INKFIPWX
26048671_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	XNKFIPWX
401433-14_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDX	DVQFFSGICT	INKFIPWX
402006-2-12_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
404507-16_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
800138-16_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	XNKFIPWX
802208-17_R_mgrB/1-46	V--XRVVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
808927-16_R_mgrB/1-48	VKKLRWVXLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX
809156-16_R_mgrB/1-48	VKKLRWVLLI	VIIAGCLLLW	TQMLNVMCDQ	DVQFFSGICT	INKFIPWX

1
113179-17_04093_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
16020166_04232_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
14414149_01061_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
18111299_04293_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
19221887_02546_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
809097-16_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
808922-16_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
13892823_00475_S_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
809156-16_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
26048671-KSLU_03006_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
401433-14_00643_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
402006-2-12_00289_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
404507-16_02523_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
800138-16_04647_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
802208-17_04555_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
808927-16_04543_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
16003084_01266_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
18701876_00836_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
19852760_02288_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV
20038016-KSLU_01415_R_phoP/1-224 MRVLVVEDNA LLRHHLKVQL QELGHQVDAA EDAREADYYL GEHLPDIAIV

51
113179-17_04093_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
16020166_04232_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
14414149_01061_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
18111299_04293_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
19221887_02546_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
809097-16_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
808922-16_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
13892823_00475_S_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
809156-16_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
26048671-KSLU_03006_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
401433-14_00643_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
402006-2-12_00289_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
404507-16_02523_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
800138-16_04647_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
802208-17_04555_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
808927-16_04543_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
16003084_01266_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
18701876_00836_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
19852760_02288_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT
20038016-KSLU_01415_R_phoP/1-224 DLGLPDEDGL SLIRRWRSHD VSLPVLVLT REGWQDKVEV LSAGADDYVT

101
113179-17_04093_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
16020166_04232_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
14414149_01061_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
18111299_04293_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
19221887_02546_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
809097-16_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
808922-16_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
13892823_00475_S_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
809156-16_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
26048671-KSLU_03006_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
401433-14_00643_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
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404507-16_02523_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
800138-16_04647_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
802208-17_04555_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
808927-16_04543_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
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18701876_00836_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
19852760_02288_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL
20038016-KSLU_01415_R_phoP/1-224 KPFHIEEVAA RMQALLRRNS GLASQVISLP PFQVDLSRRE LSVNDQPIKL

151

113179-17_04093_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
16020166_04232_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
14414149_01061_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
18111299_04293_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
19221887_02546_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
809097-16_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
808922-16_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
13892823_00475_S_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
809156-16_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
26048671-KSLU_03006_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
401433-14_00643_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
402006-2-12_00289_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
404507-16_02523_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
800138-16_04647_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
802208-17_04555_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
808927-16_04543_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
16003084_01266_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
18701876_00836_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
19852760_02288_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK
20038016-KSLU_01415_R_phoP/1-224	TAFEYTIMET	LIRNRGKVV	KDSLMLQLYP	DAELRESHTI	DVLMGRLRKK

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113179-17_04093_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
16020166_04232_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
14414149_01061_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
18111299_04293_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
19221887_02546_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
809097-16_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
808922-16_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
13892823_00475_S_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
809156-16_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
26048671-KSLU_03006_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
401433-14_00643_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
402006-2-12_00289_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
404507-16_02523_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
800138-16_04647_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
802208-17_04555_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
808927-16_04543_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
16003084_01266_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
18701876_00836_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
19852760_02288_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*
20038016-KSLU_01415_R_phoP/1-224	IQA EYPQDVI	TTVRGQGYLF	ELR*

1
113179-17_04092_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
16020166_04233_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
19221887_02545_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
18111299_04292_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
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808922-16_03828_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
13892823_00476_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
14414149_01062_S_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
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808927-16_04544_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
800138-16_04646_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
802208-17_04556_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
20038016-KSLU_01414_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
404507-16_02522_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
402006-2-12_00288_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR
16003084_01265_R_phoQ/1-489 MKGLLRHIFP LSLRVRFLLA TAGVVLVLSL AYGMVALVGY SVSFDKTTFR

51
113179-17_04092_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
16020166_04233_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
19221887_02545_S_phoQ/1-489 LLRGESNLFY MLAKWENGAI DVDIPENLNM ESPTVTLIYD EKQKLLWAQR
18111299_04292_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
809097-16_05020_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
808922-16_03828_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
13892823_00476_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
14414149_01062_S_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
809156-16_05046_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
26048671-KSLU_03005_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
19852760_02287_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
401433-14_00644_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
18701876_00837_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
808927-16_04544_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
800138-16_04646_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
802208-17_04556_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
20038016-KSLU_01414_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
404507-16_02522_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
402006-2-12_00288_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR
16003084_01265_R_phoQ/1-489 LLRGESNLFY MLARWENGAI DVDIPENLNM ESPTVTLIYD EQGKLLWAQR

101
113179-17_04092_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
16020166_04233_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
19221887_02545_S_phoQ/1-489 DVPWLAKRIQ PDWLKRNQFH EIEADVSSS MLLRNNHEVQ EQLDAIREQG
18111299_04292_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
809097-16_05020_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
808922-16_03828_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
13892823_00476_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
14414149_01062_S_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
809156-16_05046_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
26048671-KSLU_03005_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
19852760_02287_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
401433-14_00644_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
18701876_00837_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
808927-16_04544_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
800138-16_04646_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
802208-17_04556_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
20038016-KSLU_01414_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
404507-16_02522_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
402006-2-12_00288_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG
16003084_01265_R_phoQ/1-489 DVPWLAKRIQ PEWLKRNQFH EIEADVSSS MLLRNNHEIQ EQLDAIREQG

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113179-17_04092_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
16020166_04233_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
19221887_02545_S_phoQ/1-489	DDSEMTHSVA	INFYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFIYVLA
18111299_04292_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
809097-16_05020_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
808922-16_03828_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
13892823_00476_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
14414149_01062_S_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
809156-16_05046_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
26048671-KSLU_03005_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
19852760_02287_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
401433-14_00644_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
18701876_00837_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
808927-16_04544_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
800138-16_04646_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
802208-17_04556_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
20038016-KSLU_01414_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
404507-16_02522_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
402006-2-12_00288_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA
16003084_01265_R_phoQ/1-489	DDSEMTHSVA	INLYPATSKM	PQLSIVVVDI	IPVELKRSYM	VWSWFVYVLA

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113179-17_04092_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
16020166_04233_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
19221887_02545_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
18111299_04292_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
809097-16_05020_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
808922-16_03828_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
13892823_00476_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
14414149_01062_S_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
809156-16_05046_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
26048671-KSLU_03005_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
19852760_02287_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
401433-14_00644_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
18701876_00837_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
808927-16_04544_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
800138-16_04646_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
802208-17_04556_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
20038016-KSLU_01414_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
404507-16_02522_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
402006-2-12_00288_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL
16003084_01265_R_phoQ/1-489	ANLLLVIPLL	WVAAWWSLRP	IESLAKEVRE	LEEHHREKLN	PNTTRELTRL

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113179-17_04092_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
16020166_04233_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
19221887_02545_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
18111299_04292_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
809097-16_05020_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
808922-16_03828_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
13892823_00476_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
14414149_01062_S_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
809156-16_05046_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
26048671-KSLU_03005_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
19852760_02287_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
401433-14_00644_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
18701876_00837_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
808927-16_04544_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
800138-16_04646_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
802208-17_04556_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
20038016-KSLU_01414_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
404507-16_02522_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
402006-2-12_00288_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV
16003084_01265_R_phoQ/1-489	VSNLNRLVRS	ERERYDKYRT	TLTDLTHSLK	TPLAVMQSTL	RSLRGEKISV

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113179-17_04092_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
16020166_04233_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
19221887_02545_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
18111299_04292_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
809097-16_05020_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
808922-16_03828_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
13892823_00476_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
14414149_01062_S_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
809156-16_05046_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
26048671-KSLU_03005_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
19852760_02287_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
401433-14_00644_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
18701876_00837_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
808927-16_04544_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
800138-16_04646_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
802208-17_04556_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
20038016-KSLU_01414_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
404507-16_02522_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
402006-2-12_00288_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS
16003084_01265_R_phoQ/1-489	DEAEPVMLEQ	ISRISQQIGY	YLHRASMRSG	GTLLSRELHP	IAPLLDSLTS

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113179-17_04092_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
16020166_04233_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
19221887_02545_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ISFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
18111299_04292_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
809097-16_05020_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
808922-16_03828_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
13892823_00476_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
14414149_01062_S_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
809156-16_05046_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
26048671-KSLU_03005_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
19852760_02287_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
401433-14_00644_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
18701876_00837_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
808927-16_04544_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
800138-16_04646_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
802208-17_04556_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
20038016-KSLU_01414_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
404507-16_02522_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
402006-2-12_00288_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE
16003084_01265_R_phoQ/1-489	ALNKVYQRKG	VNISLDISPE	ITFVGEQNDF	MEVMGNVLDN	ACKYCLEFVE

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113179-17_04092_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
16020166_04233_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
19221887_02545_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPPSRRRAV	FDRGQRADTL	RPQGQVGLSV
18111299_04292_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
809097-16_05020_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
808922-16_03828_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
13892823_00476_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
14414149_01062_S_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
809156-16_05046_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
26048671-KSLU_03005_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
19852760_02287_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
401433-14_00644_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
18701876_00837_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
808927-16_04544_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
800138-16_04646_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
802208-17_04556_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
20038016-KSLU_01414_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
404507-16_02522_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
402006-2-12_00288_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV
16003084_01265_R_phoQ/1-489	VSVRQTDSH	LHILVEDDGP	GIPQSRRRAV	FDRGQRADTL	RPQGQVGLSV

113179-17_04092_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
16020166_04233_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
19221887_02545_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QLMEDKES*
18111299_04292_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
809097-16_05020_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
808922-16_03828_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
13892823_00476_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
14414149_01062_S_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
809156-16_05046_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
26048671-KSLU_03005_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
19852760_02287_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
401433-14_00644_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
18701876_00837_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
808927-16_04544_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
800138-16_04646_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
802208-17_04556_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
20038016-KSLU_01414_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
404507-16_02522_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
402006-2-12_00288_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*
16003084_01265_R_phoQ/1-489	AREIVEQYDG	EIIAGESLLG	GACMEVVFGR	QQMEDKQS*

1
113179-17_02780_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
16020166_02425_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
808922-16_04524_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
809097-16_03283_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
13892823_03069_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
14414149_00076_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
18111299_00549_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
19221887_04213_S_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
809156-16_00535_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
404507-16_02723_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL TSNHYSLIVL
800138-16_01732_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
802208-17_03227_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
808927-16_01792_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
16003084_04038_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
18701876_02743_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
19852760_00688_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
20038016-KSLU_00615_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
26048671-KSLU_03263_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
401433-14_00076_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL
402006-2-12_00565_R_pmrA/1-224 MKILVIEDDA LLLQGLILAM QSEGYVCDGV STAHEAALSL ASNHYSLIVL

51
113179-17_02780_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
16020166_02425_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
808922-16_04524_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
809097-16_03283_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
13892823_03069_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
14414149_00076_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
18111299_00549_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
19221887_04213_S_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
809156-16_00535_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
404507-16_02723_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
800138-16_01732_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
802208-17_03227_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
808927-16_01792_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
16003084_04038_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
18701876_02743_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
19852760_00688_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
20038016-KSLU_00615_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
26048671-KSLU_03263_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
401433-14_00076_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV
402006-2-12_00565_R_pmrA/1-224 DLGLPDEDGL HFLSRMRREK MTQPVLILTA RDTLEDRI SG LDTGADDYLV

101
113179-17_02780_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
16020166_02425_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
808922-16_04524_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
809097-16_03283_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
13892823_03069_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
14414149_00076_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
18111299_00549_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
19221887_04213_S_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG DLRLNVTRRQ VWLGETALDL
809156-16_00535_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALEL
404507-16_02723_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
800138-16_01732_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
802208-17_03227_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALEL
808927-16_01792_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
16003084_04038_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
18701876_02743_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
19852760_00688_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
20038016-KSLU_00615_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
26048671-KSLU_03263_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
401433-14_00076_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL
402006-2-12_00565_R_pmrA/1-224 KPFALEELNA RIRALLRRHN NQGDNEISVG NLRLNVTRRL VWLGETALDL

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113179-17_02780_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
16020166_02425_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
808922-16_04524_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
809097-16_03283_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
13892823_03069_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
14414149_00076_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
18111299_00549_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
19221887_04213_S_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLRDK
809156-16_00535_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
404507-16_02723_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
800138-16_01732_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
802208-17_03227_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
808927-16_01792_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
16003084_04038_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
18701876_02743_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
19852760_00688_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
20038016-KSLU_00615_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
26048671-KSLU_03263_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
401433-14_00076_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK
402006-2-12_00565_R_pmrA/1-224	TPKEYALLSR	LMMKAGSPVH	REILYNDIYS	WDNEPATNTL	EVHIHNLREK

201

113179-17_02780_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
16020166_02425_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
808922-16_04524_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
809097-16_03283_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
13892823_03069_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
14414149_00076_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
18111299_00549_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
19221887_04213_S_pmrA/1-224	IGKSRIRTVR	GFGYMLANHN	ETE*
809156-16_00535_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
404507-16_02723_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
800138-16_01732_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
802208-17_03227_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
808927-16_01792_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
16003084_04038_R_pmrA/1-224	IGKSRIRTVR	GFGYMLVNNI	DTE*
18701876_02743_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
19852760_00688_R_pmrA/1-224	IGKSRIRTVR	GFGYMLVNNI	DTE*
20038016-KSLU_00615_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
26048671-KSLU_03263_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
401433-14_00076_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*
402006-2-12_00565_R_pmrA/1-224	IGKSRIRTVR	GFGYMLANNI	DTE*

1

113179-17_02781_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
16020166_02424_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
809097-16_03282_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
808922-16_04525_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
13892823_03070_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
14414149_00077_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
18111299_00548_S_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
19221887_04212_S_pmrB/1-366	MALFATENWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
809156-16_00534_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
26048671-KSLU_03262_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
401433-14_00077_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
402006-2-12_00564_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
404507-16_02724_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
800138-16_01731_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
802208-17_03228_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
18701876_02742_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
808927-16_01791_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
16003084_04039_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
20038016-KSLU_00614_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI
19852760_00687_R_pmrB/1-366	MALFATETWT	MRHRLLLTIG	AILVVCQLIS	VFWLWHEske	QIQLLVASAI

51

113179-17_02781_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
16020166_02424_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
809097-16_03282_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
808922-16_04525_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
13892823_03070_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
14414149_00077_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
18111299_00548_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
19221887_04212_S_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
809156-16_00534_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
26048671-KSLU_03262_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
401433-14_00077_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
402006-2-12_00564_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
404507-16_02724_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
800138-16_01731_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
802208-17_03228_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
18701876_02742_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
808927-16_01791_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
16003084_04039_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
20038016-KSLU_00614_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ
19852760_00687_R_pmrB/1-366	EGHNNQKHVE	HEVREAVASL	LVPSELLIVGL	ALYISMLAVR	KITRPLSRLQ

101

113179-17_02781_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
16020166_02424_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
809097-16_03282_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
808922-16_04525_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
13892823_03070_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
14414149_00077_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
18111299_00548_S_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
19221887_04212_S_pmrB/1-366	SELESRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
809156-16_00534_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
26048671-KSLU_03262_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
401433-14_00077_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
402006-2-12_00564_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
404507-16_02724_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
800138-16_01731_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
802208-17_03228_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
18701876_02742_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
808927-16_01791_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
16003084_04039_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
20038016-KSLU_00614_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD
19852760_00687_R_pmrB/1-366	SELENRTPDN	LTPIVLSESV	PEVTAVTTAL	NQLVSRLNLT	LDRERLFTAD

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113179-17_02781_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
16020166_02424_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
809097-16_03282_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
808922-16_04525_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
13892823_03070_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
14414149_00077_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
18111299_00548_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
19221887_04212_S_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
809156-16_00534_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
26048671-KSLU_03262_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
401433-14_00077_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
402006-2-12_00564_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
404507-16_02724_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
800138-16_01731_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
802208-17_03228_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
18701876_02742_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
808927-16_01791_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
16003084_04039_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
20038016-KSLU_00614_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV
19852760_00687_R_pmrB/1-366	VAHELRTPLA	GLRLHLELLA	KVHGMGVDPL	IQRLDQMTTS	ISQLLQLARV

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113179-17_02781_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENETVVS
16020166_02424_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENETVVS
809097-16_03282_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
808922-16_04525_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
13892823_03070_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
14414149_00077_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
18111299_00548_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
19221887_04212_S_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
809156-16_00534_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
26048671-KSLU_03262_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENETVVS
401433-14_00077_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
402006-2-12_00564_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
404507-16_02724_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
800138-16_01731_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENETVVS
802208-17_03228_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
18701876_02742_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
808927-16_01791_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
16003084_04039_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
20038016-KSLU_00614_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS
19852760_00687_R_pmrB/1-366	GQSFSAGSYQ	QVLLLDVVVK	PLQDELEAML	AQRQQRLLLT	DIENEAVS

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113179-17_02781_S_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
16020166_02424_S_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
809097-16_03282_S_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
808922-16_04525_S_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
13892823_03070_S_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
14414149_00077_S_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
18111299_00548_S_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
19221887_04212_S_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
809156-16_00534_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
26048671-KSLU_03262_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
401433-14_00077_R_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
402006-2-12_00564_R_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
404507-16_02724_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
800138-16_01731_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
802208-17_03228_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
18701876_02742_R_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
808927-16_01791_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
16003084_04039_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
20038016-KSLU_00614_R_pmrB/1-366	DATLIGVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA
19852760_00687_R_pmrB/1-366	DATLIRVILR	NLVENAHRY	PEGSTIRVSV	KAGLMPVMAV	EDEGPGIDEA

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113179-17_02781_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
16020166_02424_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
809097-16_03282_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
808922-16_04525_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
13892823_03070_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
14414149_00077_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
18111299_00548_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
19221887_04212_S_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
809156-16_00534_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
26048671-KSLU_03262_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
401433-14_00077_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
402006-2-12_00564_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
404507-16_02724_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
800138-16_01731_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
802208-17_03228_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
18701876_02742_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
808927-16_01791_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
16003084_04039_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
20038016-KSLU_00614_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA
19852760_00687_R_pmrB/1-366	KSGELSKAFV	RMDSTRYGGIG	LGLSIVTRIA	QLHDAQFFLH	NRQPGPGVRA

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113179-17_02781_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
16020166_02424_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
809097-16_03282_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
808922-16_04525_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
13892823_03070_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
14414149_00077_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
18111299_00548_S_pmrB/1-366	WVLFPRGGQ	NVSTH*
19221887_04212_S_pmrB/1-366	WVLFPRAGQ	NVSTH*
809156-16_00534_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
26048671-KSLU_03262_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
401433-14_00077_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
402006-2-12_00564_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
404507-16_02724_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
800138-16_01731_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
802208-17_03228_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
18701876_02742_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
808927-16_01791_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
16003084_04039_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
20038016-KSLU_00614_R_pmrB/1-366	WVLFPRGGQ	NVSTH*
19852760_00687_R_pmrB/1-366	WVLFPRGGQ	NVSTH*

1
113179-17_02779_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
16020166_02426_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
808922-16_04523_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
809097-16_03284_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
13892823_03068_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
14414149_00075_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
18111299_00550_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
19221887_04214_S_pmrC/1-547 MSLLPLRRPV VSHTTYLIIF AVYIGLFLNL AFYRQAYTLL PVNNLHTALV
809156-16_00536_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
26048671-KSLU_03264_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
401433-14_00075_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
20038016-KSLU_00616_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
402006-2-12_00566_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
404507-16_02722_S_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
808927-16_01793_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
19852760_00689_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYISICLNL AFYRQVFPLL PVNSLHNWLV
16003084_04037_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYISICLNL AFYRQVFPLL PVNSLHNWLV
800138-16_01733_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV
18701876_02744_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGIFLNL AFYRQVFPLL PVNSLHNWLV
802208-17_03226_R_pmrC/1-547 MSLLPLRRPV VSRTTYLILF ACYIGICLNL AFYRQVFPLL PVNSLHNWLV

51
113179-17_02779_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
16020166_02426_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
808922-16_04523_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
809097-16_03284_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
13892823_03068_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
14414149_00075_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
18111299_00550_S_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
19221887_04214_S_pmrC/1-547 FLSPMIVAFS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWFSGVVI
809156-16_00536_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
26048671-KSLU_03264_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
401433-14_00075_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
20038016-KSLU_00616_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
402006-2-12_00566_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
404507-16_02722_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
808927-16_01793_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
19852760_00689_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
16003084_04037_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
800138-16_01733_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
18701876_02744_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI
802208-17_03226_R_pmrC/1-547 FLSPMIVAVIS VMNILTTLAS FLKLDRLVIS LFILLSASAQ YFIWNFGVVI

101
113179-17_02779_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
16020166_02426_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
808922-16_04523_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
809097-16_03284_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
13892823_03068_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
14414149_00075_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
18111299_00550_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
19221887_04214_S_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIVVLGL SGVLAVLVAW WVKIRKPATL
809156-16_00536_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
26048671-KSLU_03264_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
401433-14_00075_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
20038016-KSLU_00616_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
402006-2-12_00566_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
404507-16_02722_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
808927-16_01793_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
19852760_00689_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
16003084_04037_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
800138-16_01733_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
18701876_02744_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR
802208-17_03226_R_pmrC/1-547 DRSMITNILD TTPAESFALL SGEMIAVLGL SGVLAVFVAW WVKIRKPATR

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113179-17_02779_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
16020166_02426_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
808922-16_04523_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
809097-16_03284_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
13892823_03068_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
14414149_00075_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
18111299_00550_S_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
19221887_04214_S_pmrC/1-547	WRGVAWRLLN	MVASALLIVL	I AVLFYKDYA	SLFRNNKELV	KSLSPNSIV
809156-16_00536_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
26048671-KSLU_03264_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
401433-14_00075_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
20038016-KSLU_00616_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
402006-2-12_00566_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
404507-16_02722_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
808927-16_01793_R_pmrC/1-547	WHGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
19852760_00689_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
16003084_04037_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
800138-16_01733_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
18701876_02744_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV
802208-17_03226_R_pmrC/1-547	WRGAAMRLLN	IAVSALLIIL	VAALFYKDYA	SVFRNNKELV	KSLSPNSIV

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113179-17_02779_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
16020166_02426_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
808922-16_04523_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
809097-16_03284_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
13892823_03068_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
14414149_00075_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
18111299_00550_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
19221887_04214_S_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDAKQNPVMH	NGPRKNLTIV	VLGETSRADN
809156-16_00536_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
26048671-KSLU_03264_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
401433-14_00075_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
20038016-KSLU_00616_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
402006-2-12_00566_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
404507-16_02722_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
808927-16_01793_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
19852760_00689_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
16003084_04037_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
800138-16_01733_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
18701876_02744_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN
802208-17_03226_R_pmrC/1-547	AVNSWYAHHR	MDNLP LVKIG	EDATQKAVMH	NAPRKNLTIV	VLGETSRADN

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113179-17_02779_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
16020166_02426_S_pmrC/1-547	FSLGGYLRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
808922-16_04523_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
809097-16_03284_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
13892823_03068_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
14414149_00075_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
18111299_00550_S_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
19221887_04214_S_pmrC/1-547	FSLGGYPRDT	NPLMQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
809156-16_00536_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
26048671-KSLU_03264_R_pmrC/1-547	FSLGGYLRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
401433-14_00075_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
20038016-KSLU_00616_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
402006-2-12_00566_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
404507-16_02722_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
808927-16_01793_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
19852760_00689_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
16003084_04037_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
800138-16_01733_R_pmrC/1-547	FSLGGYLRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
18701876_02744_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE
802208-17_03226_R_pmrC/1-547	FSLGGYSRDT	NPLMRQDGI	YFPHTTSCGT	ATAVSVPCMF	SNMPRAHYDE

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113179-17_02779_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
16020166_02426_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
808922-16_04523_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
809097-16_03284_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
13892823_03068_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
14414149_00075_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
18111299_00550_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
19221887_04214_S_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
809156-16_00536_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
26048671-KSLU_03264_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
401433-14_00075_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
20038016-KSLU_00616_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
402006-2-12_00566_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
404507-16_02722_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
808927-16_01793_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
19852760_00689_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
16003084_04037_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
800138-16_01733_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIQV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
18701876_02744_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC
802208-17_03226_R_pmrC/1-547	ELAHHQEGVL	DILQRAGIRV	LWNDNDGGCK	GACDRVPHQN	VTDLKLTGQC

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113179-17_02779_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
16020166_02426_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
808922-16_04523_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
809097-16_03284_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
13892823_03068_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
14414149_00075_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
18111299_00550_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
19221887_04214_S_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
809156-16_00536_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
26048671-KSLU_03264_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
401433-14_00075_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
20038016-KSLU_00616_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
402006-2-12_00566_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
404507-16_02722_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
808927-16_01793_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
19852760_00689_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
16003084_04037_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
800138-16_01733_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
18701876_02744_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF
802208-17_03226_R_pmrC/1-547	IDGECYDDVL	FHNLD SYIDN	LQDGIIVLH	TIGSHGPTY	NRYPAAFRKF

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113179-17_02779_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
16020166_02426_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
808922-16_04523_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
809097-16_03284_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
13892823_03068_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
14414149_00075_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
18111299_00550_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
19221887_04214_S_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDH	VVDKAIKLLQ	AKQDKFTTSL
809156-16_00536_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
26048671-KSLU_03264_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
401433-14_00075_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
20038016-KSLU_00616_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
402006-2-12_00566_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
404507-16_02722_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
808927-16_01793_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
19852760_00689_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
16003084_04037_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
800138-16_01733_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
18701876_02744_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL
802208-17_03226_R_pmrC/1-547	TPTCDTNEIQ	GCTREQLTNT	YDNTILYVDY	VVDKAIKLLQ	SKQDKFTTSL

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113179-17_02779_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
16020166_02426_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
808922-16_04523_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
809097-16_03284_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
13892823_03068_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
14414149_00075_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
18111299_00550_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
19221887_04214_S_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMVMWLSA	DYQQRYGISA
809156-16_00536_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
26048671-KSLU_03264_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
401433-14_00075_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
20038016-KSLU_00616_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
402006-2-12_00566_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
404507-16_02722_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
808927-16_01793_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPNTQK	HVPMALWLSA	DYQQRYGISA
19852760_00689_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
16003084_04037_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
800138-16_01733_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
18701876_02744_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA
802208-17_03226_R_pmrC/1-547	VYLSDHGESL	GEDGVYLHGL	PYSIAPDTQK	HVPMALWLSA	DYQQRYGISA

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113179-17_02779_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
16020166_02426_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
808922-16_04523_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
809097-16_03284_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
13892823_03068_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
14414149_00075_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
18111299_00550_S_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
19221887_04214_S_pmrC/1-547	QCLQORAKKE	NYSQDNLFST	LLGLLGVSTH	EYQAADDILT	PCREAG*
809156-16_00536_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
26048671-KSLU_03264_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
401433-14_00075_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
20038016-KSLU_00616_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
402006-2-12_00566_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
404507-16_02722_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
808927-16_01793_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
19852760_00689_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
16003084_04037_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
800138-16_01733_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
18701876_02744_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*
802208-17_03226_R_pmrC/1-547	HCLQORAQKE	NYSQDNLFST	LLGLLGVSTR	EYQAADDILT	PCREAG*