

Table S1		1	10	20	30	40	50	60	
Consensus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
Identity		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
1. Drosophila melanogaster		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
2. Anopheles gambiae		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
3. Danio rerio		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
4. Gallus gallus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
5. Canis lupus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
6. Bos taurus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
7. Macaca mulatta		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
8. Rattus norvegicus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
9. Mus musculus		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
10. Homo sapiens		MENVEEAPPPLSSSSNSNSNNSSASSSSSHQLSQSGAMGAPITAPSTSRSHSHSPTPSPPPVPASSHSDQHPH							
Consensus		RHSMSQXPXPPQQQQPQP-PPP							
Identity		RHSMSQXPXPPQQQQPQP-PPP							
1. Drosophila melanogaster		RHSMSQXPXPPQQQQPQP-PPP							
2. Anopheles gambiae		RHSMSQXPXPPQQQQPQP-PPP							
3. Danio rerio		RHSMSQXPXPPQQQQPQP-PPP							
4. Gallus gallus		RHSMSQXPXPPQQQQPQP-PPP							
5. Canis lupus		RHSMSQXPXPPQQQQPQP-PPP							
6. Bos taurus		RHSMSQXPXPPQQQQPQP-PPP							
7. Macaca mulatta		RHSMSQXPXPPQQQQPQP-PPP							
8. Rattus norvegicus		RHSMSQXPXPPQQQQPQP-PPP							
9. Mus musculus		RHSMSQXPXPPQQQQPQP-PPP							
10. Homo sapiens		RHSMSQXPXPPQQQQPQP-PPP							
Consensus		PLSGXXAVXXGXPG							
Identity		PLSGXXAVXXGXPG							
1. Drosophila melanogaster		PLSGXXAVXXGXPG							
2. Anopheles gambiae		PLSGXXAVXXGXPG							
3. Danio rerio		PLSGXXAVXXGXPG							
4. Gallus gallus		PLSGXXAVXXGXPG							
5. Canis lupus		PLSGXXAVXXGXPG							
6. Bos taurus		PLSGXXAVXXGXPG							
7. Macaca mulatta		PLSGXXAVXXGXPG							
8. Rattus norvegicus		PLSGXXAVXXGXPG							
9. Mus musculus		PLSGXXAVXXGXPG							
10. Homo sapiens		PLSGXXAVXXGXPG							
Consensus		GLXXXXAXXXRPPPPPP-X-XXPP							
Identity		GLXXXXAXXXRPPPPPP-X-XXPP							
1. Drosophila melanogaster		GLXXXXAXXXRPPPPPP-X-XXPP							
2. Anopheles gambiae		GLXXXXAXXXRPPPPPP-X-XXPP							
3. Danio rerio		GLXXXXAXXXRPPPPPP-X-XXPP							
4. Gallus gallus		GLXXXXAXXXRPPPPPP-X-XXPP							
5. Canis lupus		GLXXXXAXXXRPPPPPP-X-XXPP							
6. Bos taurus		GLXXXXAXXXRPPPPPP-X-XXPP							
7. Macaca mulatta		GLXXXXAXXXRPPPPPP-X-XXPP							
8. Rattus norvegicus		GLXXXXAXXXRPPPPPP-X-XXPP							
9. Mus musculus		GLXXXXAXXXRPPPPPP-X-XXPP							
10. Homo sapiens		GLXXXXAXXXRPPPPPP-X-XXPP							
Consensus		GLXXXXGPGX							
Identity		GLXXXXGPGX							
1. Drosophila melanogaster		GLXXXXGPGX							
2. Anopheles gambiae		GLXXXXGPGX							
3. Danio rerio		GLXXXXGPGX							
4. Gallus gallus		GLXXXXGPGX							
5. Canis lupus		GLXXXXGPGX							
6. Bos taurus		GLXXXXGPGX							
7. Macaca mulatta		GLXXXXGPGX							
8. Rattus norvegicus		GLXXXXGPGX							
9. Mus musculus		GLXXXXGPGX							
10. Homo sapiens		GLXXXXGPGX							
Consensus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
Identity		AGGAP-P-LXAGSSAAAPFPHGDSALN							
1. Drosophila melanogaster		AGGAP-P-LXAGSSAAAPFPHGDSALN							
2. Anopheles gambiae		AGGAP-P-LXAGSSAAAPFPHGDSALN							
3. Danio rerio		AGGAP-P-LXAGSSAAAPFPHGDSALN							
4. Gallus gallus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
5. Canis lupus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
6. Bos taurus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
7. Macaca mulatta		AGGAP-P-LXAGSSAAAPFPHGDSALN							
8. Rattus norvegicus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
9. Mus musculus		AGGAP-P-LXAGSSAAAPFPHGDSALN							
10. Homo sapiens		AGGAP-P-LXAGSSAAAPFPHGDSALN							
Consensus		LQRRKRLYPVDEQHTPLPR							
Identity		LQRRKRLYPVDEQHTPLPR							
1. Drosophila melanogaster		LQRRKRLYPVDEQHTPLPR							
2. Anopheles gambiae		LQRRKRLYPVDEQHTPLPR							
3. Danio rerio		LQRRKRLYPVDEQHTPLPR							
4. Gallus gallus		LQRRKRLYPVDEQHTPLPR							
5. Canis lupus		LQRRKRLYPVDEQHTPLPR							
6. Bos taurus		LQRRKRLYPVDEQHTPLPR							
7. Macaca mulatta		LQRRKRLYPVDEQHTPLPR							
8. Rattus norvegicus		LQRRKRLYPVDEQHTPLPR							
9. Mus musculus		LQRRKRLYPVDEQHTPLPR							
10. Homo sapiens		LQRRKRLYPVDEQHTPLPR							
Consensus		FSYIGLSONNLRVHYK							
Identity		FSYIGLSONNLRVHYK							
1. Drosophila melanogaster		FSYIGLSONNLRVHYK							
2. Anopheles gambiae		FSYIGLSONNLRVHYK							
3. Danio rerio		FSYIGLSONNLRVHYK							
4. Gallus gallus		FSYIGLSONNLRVHYK							
5. Canis lupus		FSYIGLSONNLRVHYK							
6. Bos taurus		FSYIGLSONNLRVHYK							
7. Macaca mulatta		FSYIGLSONNLRVHYK							
8. Rattus norvegicus		FSYIGLSONNLRVHYK							
9. Mus musculus		FSYIGLSONNLRVHYK							
10. Homo sapiens		FSYIGLSONNLRVHYK							
Consensus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
Identity		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
1. Drosophila melanogaster		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
2. Anopheles gambiae		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
3. Danio rerio		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
4. Gallus gallus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
5. Canis lupus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
6. Bos taurus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
7. Macaca mulatta		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
8. Rattus norvegicus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
9. Mus musculus		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
10. Homo sapiens		ACGIYYFVKIVSKGRDGYMGIGLSAQGVNMRNLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTG							
Consensus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
Identity		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
1. Drosophila melanogaster		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
2. Anopheles gambiae		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
3. Danio rerio		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
4. Gallus gallus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
5. Canis lupus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
6. Bos taurus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
7. Macaca mulatta		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
8. Rattus norvegicus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
9. Mus musculus		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
10. Homo sapiens		DVIGCCVNLINNTCFYTKNGHSLGIAFTDLPNLYPTVGLQTPGEVVDANFGQHPFVFD-IEDYMRBW							
Consensus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
Identity		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
1. Drosophila melanogaster		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
2. Anopheles gambiae		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
3. Danio rerio		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
4. Gallus gallus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
5. Canis lupus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
6. Bos taurus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
7. Macaca mulatta		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
8. Rattus norvegicus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
9. Mus musculus		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
10. Homo sapiens		RTKIQAQIDRFPIGDRGEWQTMIQKMWSSYLVHHGYCATAEAFARSTDQTVLEBLASIKNRQRIQKI							
Consensus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
Identity		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
1. Drosophila melanogaster		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
2. Anopheles gambiae		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
3. Danio rerio		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
4. Gallus gallus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
5. Canis lupus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
6. Bos taurus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
7. Macaca mulatta		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
8. Rattus norvegicus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
9. Mus musculus		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
10. Homo sapiens		VLGRMGEBITTOQLYPSLLERNPNLLEFLKVRQFIEMVNGTDSVRCVCLGGRSPKSDSYVPSRPF							
Consensus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
Identity		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
1. Drosophila melanogaster		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
2. Anopheles gambiae		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
3. Danio rerio		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
4. Gallus gallus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
5. Canis lupus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
6. Bos taurus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
7. Macaca mulatta		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
8. Rattus norvegicus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
9. Mus musculus		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
10. Homo sapiens		SSPMSPSHGMNIHNLASGKGSTAHFSGFES-CSNGVTSNKAHQSYCHS-KHQSSXNLNVPILNSINXS							
Consensus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
Identity		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
1. Drosophila melanogaster		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
2. Anopheles gambiae		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
3. Danio rerio		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
4. Gallus gallus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
5. Canis lupus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
6. Bos taurus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
7. Macaca mulatta		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
8. Rattus norvegicus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
9. Mus musculus		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
10. Homo sapiens		RSQQVNNFNTSNDVDMETDHYNSGVGHTSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRO							
Consensus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
Identity		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
1. Drosophila melanogaster		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
2. Anopheles gambiae		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
3. Danio rerio		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
4. Gallus gallus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
5. Canis lupus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
6. Bos taurus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
7. Macaca mulatta		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
8. Rattus norvegicus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
9. Mus musculus		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
10. Homo sapiens		-LCGGS-QAAIERMIHFGRLELQAMS EQLRRCEGKNTANKKMLKDAFSLIAYSDPWNSPVGNLDDP							
Consensus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
Identity		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
1. Drosophila melanogaster		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
2. Anopheles gambiae		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
3. Danio rerio		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
4. Gallus gallus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
5. Canis lupus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
6. Bos taurus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
7. Macaca mulatta		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
8. Rattus norvegicus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
9. Mus musculus		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							
10. Homo sapiens		IQREPVCSALNSAILETHNLPKQPPIALAMGQA TQCLGLMARS GIGSCAFATVDDYLH							