```
HUMAN           MTAEEMKATESGAQSAPLPMEGVDISPKQDEGVLKVIKREGTGTEMPMIGDRVFVHYTGW 60
MURINE          MTAEEMKAAENGAQSAPLPLEGVDISPKQDEGVLKVIKREGTGTETPMIGDRVFVHYTGW 60
                ********:* .********:************************  **************

HUMAN           LLDGTKFDSSLDRKDKFSFDLGKGEVIKAWDIAIATMKVGEVCHITCKPEYAYGSAGSPP 120
MURINE          LLDGTKFDSSLDRKDKFSFDLGKGEVIKAWDIAVATMKVGEVCHITCKPEYAYGAAGSPP 120
                ********************************:********************:*****

HUMAN           KIPPNATLVFEVELFEFKGEDLTEEEDGGIIRRIQTRGEGYAKPNEGAIVEVALEGYYKD 180
MURINE          KIPPNATLVFEVELFEFKGEDLTEEEDGGIIRRIRTRGEGYARPNDGAMVEVALEGYHKD 180
                **********************************:*******:**:**:********:**

HUMAN           KLFDQRELRFEIGEGENLDLPYGLERAIQRMEKGEHSIVYLKPSYAFGSVGKEKFQIPPN 240
MURINE          RLFDQRELCFEVGEGESLDLPCGLEEAIQRMEKGEHSIVYLKPSYAFGSVGKERFQIPPH 240
                :******* **:**** *****  *** *****************************:*****:

HUMAN           AELKYELHLKSFEKAKESWEMNSEEKLEQSTIVKERGTVYFKEGKYKQALLQYKKIVSWL 300
MURINE          AELRYEVRLKSFEKAKESWEMSSAEKLEQSNIVKERGTAYFKEGKYKQALLQYKKIVSWL 300
                ***:**::**************.*  ******.*******.**********************

HUMAN           EYESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSAAIESCNKALELDSNNEKGLFRRG 360
MURINE          EYESSFSGEEMQKVHALRLASHLNLAMCHLKLQAFSAAIESCNKALELDSNNEKGLFRRG 360
                *******.**  **.:*********************************************

HUMAN           EAHLAVNDFELARADFQKVLQLYPNNKAAKTQLAVCQQRIRRQLAREKKLYANMFERLAE 420
MURINE          EAHLAVNDFDLARADFQKVLQLYPSNKAAKTQLAVCQQRTRRQLAREKKLYANMFERLAE 420
                *********:**************.**************  ********************

HUMAN           EENKAKAEASSGDHPTDTEMKEEQKSNTAGSQSQVETEA 459
MURINE          EEHKVKAEVAAGDHPTDAEMKGE-RNNVAENQSRVETEA 458
                **:* .***.::******:***  *  :.*.*  .**:*****
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