

```

          ****.****.****.**: ***** *_.*:*****_* *** .****.* * ***:*.*****_*:****..****.:**.*:*****
gi |46275806|ref|NP_034592.1|-----MYMQSGDFNCGVMRCCGLAPLSKRDEGGSPNLALNTYPSYLSQLDSWGDPKAAYRLEQPVGRPLSSCSYPPSVKEENVCCMYSAEKRAKSGPEAALYSHPLPESCLGEHEVPVPSYY 119
gi |34868616|ref|XP_235698.2|MTCPNRVTPNSYAEP-LAAPGGGERYNRSAGMYMQSGDFNCGVMRCCGLAPLSKRDEGGSPNLALNTYPSYLSQLDSWGDPKAAYRLEQPVGRPLSSCSYPPSVKEENVCCMYSAEKRAKSGPEAALYSHPLPESCLGEHEVPVPSYY 149
gi |24497533|ref|NP_059105.2|MTCPNRVTPNSYAEP-LAAPGGGERYSRSAGMYMQSGDFNCGVMRCCGLAPLSKRDEGGSPNLALNTYPSYLSQLDSWGDPKAAYRLEQPVGRPLSSCSYPPSVKEENVCCMYSAEKRAKSGPEAALYSHPLPESCLGEHEVPVPSYY 149
gi |114644446|ref|XP_509105.2|MTCPNRVTPNSYAEP-LAAPGGGERYSRSAGMYMQSGDFNCGVMRCCGLAPLSKRDEGGSPNLALNTYPSYLSQLDSWGDPKAAYRLEQPVGRPLSSCSYPPSVKEENVCCMYSAEKRAKSGPEAALYSHPLPESCLGEHEVPVPSYY 149
gi |118116973|ref|XP_001233806.1|MSCPNRVTPNSFLMDSLAGTCRGENYSSQGMYPGSGDFSCGVMRCCGLIPLSKRDEVNATLSTLSTYPSYLSQLDTWCDPKNTYRIEQPVARQLPSCSFPTNVKEENVCCMYNADKRAKNATEAALYPNQMPPEPCLNDHEVPVPSYY 150
          1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

```



```

          *** .*::**:*:*..**.***.****** ****. :.*.* * .* **
gi |46275806|ref|NP_034592.1|RASPSYSALDKTPHCAGANFEAPFEQRASLNPRTEHLESPLGGKVSFPETPKSDSQTSPNEIKTEQSLAGPKASPSSEKERAKTADSSPDTSDNEAKEEIKAEENTGNWLTAKSGRKKRCPVTKHOTLELEKEFLFNMYLTRERRL 269
gi |34868616|ref|XP_235698.2|RASPSYSALDKTPHCAGANFEAPFEQRASLNPRTEHLESPLGGKVSFPETPKSDSQTSPNEIKTEQSLVGPKASPSSEKERAKTADSSPDTSDNEAKEEIKAEENTGNWLTAKSGRKKRCPVTKHOTLELEKEFLFNMYLTRERRL 299
gi |24497533|ref|NP_059105.2|RASPSYSALDKTPHCAGANFEAPFEQRASLNPRTEHLESPLGGKVSFPETPKSDSQTSPNEIKTEQSLAGPKASPSSEKERAKTADSSPDTSDNEAKEEIKAEENTGNWLTAKSGRKKRCPVTKHOTLELEKEFLFNMYLTRERRL 299
gi |114644446|ref|XP_509105.2|RASPSYSALDKTPHCAGANFEAPFEQRASLNPRTEHLESPLGGKVSFPETPKSDSQTSPNEIKTEQSLAGPKASPSSEKERAKTADSSPDTSDNEAKEEIKAEENTGNWLTAKSGRKKRCPVTKHOTLELEKEFLFNMYLTRERRL 299
gi |118116973|ref|XP_001233806.1|RASQGYPSMEKTSNCSNPNEFEASFEASRLNPRNEHLEP-----APPPPE-----PPPPPPVAKE----- 207
          .....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

```



```

gi |46275806|ref|NP_034592.1|EISKINLTDROVKIWFONRRMKLKKMNRNRIRELTSNFNFT 312
gi |34868616|ref|XP_235698.2|EISKINLTDROVKIWFONRRMKLKKMNRNRIRELTSNFNFT 342
gi |24497533|ref|NP_059105.2|EISKINLTDROVKIWFONRRMKLKKMNRNRIRELTSNFNFT 342
gi |114644446|ref|XP_509105.2|EISKINLTDROVKIWFONRRMKLKKMNRNRIRELTSNFNFT 342
gi |118116973|ref|XP_001233806.1|----- 207
          .....310.....320.....330.....340...

```

