

```

***** * ****; *****
gi |301601611|ref|NP_001180414.1|MAFSGRARPCIIPEEEIPRAALNTVHEANGTDERAVSKLORRHS DVKVYKEFCDFYAKFNMANALASATCERCKGGFAPA EKI VNSNGELYHEQCFVCAQCFQPFPEGLFVEFEGRKYCEHDFQMLFAPCCHCCGEFIIIGRVIKAMNN 150
gi |114579421|ref|XP_515679.2|MAFSGRARPCVIPENEEIPRAALNSVHEANGTDERAVSKLORRHS DVKVYKEFCDFYAKFNMANALASATCERCKGGFAPA EKI VNSNGELYHEQCFVCAQCFQPFPEGLFVEFEGRKYCEHDFQMLFAPCCHCCGEFIIIGRVIKAMNN 150
gi |48976123|ref|NP_001001766.1|-----MANALANAI CERCKGGFAPA EKI VNSNGELYHEQCFVCAQCFQPFPEGLFVEFEGRKYCEHDFQMLFAPCCHCCGEFIIIGRVIKAMNN 150
gi |66773338|ref|NP_001019560.1|-----MLGVSEMTGS-----NMANALANAS CERCKSGFAPA EKI VNSNGELYHEQCFVCAQCFQPFPEGLFVEFEGRKYCEHDFQMLFAPCCHCCGEFIIIGRVIKAMNN 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

```



```

****.* **.*; ****; *****
gi |301601611|ref|NP_001180414.1|SWHP ECFRCDLCEVLADIGFVKNAGRHL CRPCHNREKARGLGKYICOKCHAIIDEQPLIFKNDPYHPDHFNCANCGKELTADARELKGELYCLPCHDKMGVPI CGACRRPI EGRV VV NAMGKQWHVEHFVCAKCEKPF LGRRHYERKGLA 300
gi |114579421|ref|XP_515679.2|SWHP ECFRCDLCEVLADIGFVKNAGRHL CRPCHNREKARGLGKYICOKCHAIIDEQPLIFKNDPYHPDHFNCANCGKELTADARELKGELYCLPCHDKMGVPI CGACRRPI EGRV VV NAMGKQWHVEHFVCAKCEKPF LGRRHYERKGLA 300
gi |48976123|ref|NP_001001766.1|SWHPDCFCDDICHKVLADIGFVKNAGRHL CRPCHNREKARGLGKYICOKCHAIIDEQPLIFKNDPYHPDHFNCANCGKELTADARELKGELYCLPCHDKMGVPI CGACRRPI EGRV VV NAMGKQWHVEHFVCAKCEKPF LGRRHYERKGLA 300
gi |66773338|ref|NP_001019560.1|SWHPDCFCDDICAVLADVGFVKNAGRHL CRPCHNREKARGLGKYICOKCHAIIDEQPLIFKNDPYHPDHFNCANCGKELTADARELKGELYCLPCHDKMGVPI CGACRRPI EGRV VV NAMGKQWHVEHFVCAKCEKPF LGRRHYERKGLA 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

```



```

*****; *****; *****; *****
gi |301601611|ref|NP_001180414.1|YCETHYNQLFGDVCFH CNRVIEGDVVSALNKAWCVNCFACSTCNTKLT LK NKFVEFDMKPVCKKCYEKFPLELKKRLK KLAETLGRK 387
gi |114579421|ref|XP_515679.2|YCETHYNQLFGDVCFH CNRVIEGDVVSALNKAWCVNCFACSTCNTKLT LK NKFVEFDMKPVCKKCYEKFPLELKKRLK KLAETLGRK 387
gi |48976123|ref|NP_001001766.1|YCETHYNQLFGDVCFH CNRVIEGDVVSALNKAWCVNCFACSTCNTKLT LK NKFVEFDMKPVCKKCYEKFPLELKKRLK KLAETVGRK 387
gi |66773338|ref|NP_001019560.1|YCETHYNQLFGDVCYHCNRVIEGDVVSALNKAWCVNCFACSTCNTKLT LK NKFVEFDMKPVCKKCYEKFPLELKKRLK KLAETLGRK 387
.....310.....320.....330.....340.....350.....360.....370.....380.....

```

