

gi | 134032016 | ref | NP\_001076785.1 | 150  
gi | 34877239 | ref | XP\_214030.2 | 149  
gi | 73975289 | ref | XP\_532374.2 | 150  
gi | 194667876 | ref | XP\_590921.4 | 150  
gi | 5453870 | ref | NP\_006197.1 | 150  
gi | 45382069 | ref | NP\_990080.1 | 149



gi | 134032016 | ref | NP\_001076785.1 | 299  
gi | 34877239 | ref | XP\_214030.2 | 298  
gi | 73975289 | ref | XP\_532374.2 | 299  
gi | 194667876 | ref | XP\_590921.4 | 299  
gi | 5453870 | ref | NP\_006197.1 | 299  
gi | 45382069 | ref | NP\_990080.1 | 299



gi | 134032016 | ref | NP\_001076785.1 | 449  
gi | 34877239 | ref | XP\_214030.2 | 448  
gi | 73975289 | ref | XP\_532374.2 | 449  
gi | 194667876 | ref | XP\_590921.4 | 449  
gi | 5453870 | ref | NP\_006197.1 | 449  
gi | 45382069 | ref | NP\_990080.1 | 449



gi | 134032016 | ref | NP\_001076785.1 | 599  
gi | 34877239 | ref | XP\_214030.2 | 598  
gi | 73975289 | ref | XP\_532374.2 | 599  
gi | 194667876 | ref | XP\_590921.4 | 599  
gi | 5453870 | ref | NP\_006197.1 | 599  
gi | 45382069 | ref | NP\_990080.1 | 599



gi | 134032016 | ref | NP\_001076785.1 | 749  
gi | 34877239 | ref | XP\_214030.2 | 748  
gi | 73975289 | ref | XP\_532374.2 | 749  
gi | 194667876 | ref | XP\_590921.4 | 749  
gi | 5453870 | ref | NP\_006197.1 | 749  
gi | 45382069 | ref | NP\_990080.1 | 749



gi | 134032016 | ref | NP\_001076785.1 | 899  
gi | 34877239 | ref | XP\_214030.2 | 898  
gi | 73975289 | ref | XP\_532374.2 | 899  
gi | 194667876 | ref | XP\_590921.4 | 899  
gi | 5453870 | ref | NP\_006197.1 | 899  
gi | 45382069 | ref | NP\_990080.1 | 899



```
*****.*****.*.*****.***;*****;*** *.*.***** **;* *.:***** *****.* * *****
gi |134032016|ref|NP_001076785.1|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVARMRVSDNAYIGVTYKNEEDKLDKDWEGGLDEQRLSADSGYIIPDPIDPVPEEEDLGKRNRRHSSQTSEESA 1049
gi |34877239|ref|XP_214030.2|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVARMRVSDNAYIGVTYKNEEDKLDKDWEGGLDEQRLSADSGYIIPDPIDPVPEEEDLGKRNRRHSSQTSEESA 1048
gi |73975289|ref|XP_532374.2|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVARMRVSDNAYIGVTYKNEEDKLDKDWEGGLDEQRLSADSGYIIPDPIDPVPEEEDLGKRNRRHSSQTSEESA 1049
gi |194667876|ref|XP_590921.4|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVARMRVSDNAYIGVTYKNEEDKLDKDWEGGLDEQRLSADSGYIIPDPIDPVPEEEDLGKRNRRHSSQTSEESA 1049
gi |5453870|ref|NP_006197.1|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVARMRVSDNAYIGVTYKNEEDKLDKDWEGGLDEQRLSADSGYIIPDPIDPVPEEEDLGKRNRRHSSQTSEESA 1049
gi |45382069|ref|NP_990080.1|MVDSTFYNKKIKSGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSEFYHLSSEIVENLLPGQYKKSYEKIHLDFLKS DHPAVTRMRGDCD NAYIGVTYKNE-DKIKDRESGFDEQRLSADSGYIIPDPIDPVSEDE-LGKRNRRHSSQTSEESA 1047
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010.....1020.....1030.....1040.....1050
```



```
*****
gi |134032016|ref|NP_001076785.1|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1089
gi |34877239|ref|XP_214030.2|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1088
gi |73975289|ref|XP_532374.2|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1089
gi |194667876|ref|XP_590921.4|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1089
gi |5453870|ref|NP_006197.1|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1089
gi |45382069|ref|NP_990080.1|IETGSSSSTFIKREDEIIEDIMMDDIGIDSSDLVEDSFL 1087
.....1060.....1070.....1080.....1090
```

