**T-COFFEE, Version\_6.85(Tue Sep 9 14:03:25 WEST 2008)**  
**Cedric Notredame**  
**CPU TIME:0 sec.**  
**SCORE=83**  
**\***  
**BAD AVG GOOD**  
**\***  
**Homo\_sapie   :  83**  
**Pan\_troglo   :  84**  
**Canis\_lupu   :  83**  
**Mus\_muscul   :  81**  
**Rattus\_nor   :  82**  
**cons         :  83**  
  
**Homo\_sapie       1 MILNKALLLGALALTTVMSPCGGED-IVADHVASCGVNLYQFYGPSGQ   47**  
**Pan\_troglo       1 MILNKALLLGALALTTVMSPCGGED-IVADHVASYGVNLYQSYGPSGQ   47**  
**Canis\_lupu       1 MILNRVLILGTLILTIMMSPSGGEE-IVADHVANYGINVYQSYGPSGQ   47**  
**Mus\_muscul       1 MPRSRALILGVLALTTMLSLCGGEDDIEADHVGTYGISVYQSPGDIGQ   48**  
**Rattus\_nor       1 MPLSRALILGVLALTTMLSPCGGQDDIEADHVAAYGINMYQYYESRGQ   48**  
  
**cons             1 \*  .:.\*:\*\*.\* \*\* ::\* .\*\*:: \* \*\*\*\*.  \*:.:\*\*     \*\*   48**  
  
  
**Homo\_sapie      48 YTHEFDGDEQFYVDLERKETAWRWPEFSKFGGFDPQGALRNMAVAKHN   95**  
**Pan\_troglo      48 YTHEFDGDEEFYVDLERKETVWQLPLFRSFRGFDPQGALTNIAITKHN   95**  
**Canis\_lupu      48 YTHEFDGDEEFYVDLEKKETVWRLPVFSTFRSFDPQGALRNLAIIKQN   95**  
**Mus\_muscul      49 YTFEFDGDELFYVDLDKKETVWMLPEFGQLASFDPQGGLQNIAVVKHN   96**  
**Rattus\_nor      49 YTHEFDGDEEFYVDLDKKETIWRIPEFGQLTSFDPQGGLQEIATAKYN   96**  
  
**cons            49 \*\*.\*\*\*\*\*\* \*\*\*\*\*::\*\*\* \*  \* \*  : .\*\*\*\*\*.\* ::\*  \* \*   96**  
  
  
**Homo\_sapie      96 LNIMIKRYNSTAATNEVPEVTVFSKSPVTLGQPNTLICLVDNIFPPVV  143**  
**Pan\_troglo      96 LNILIKRSNSTAATNEVPEVTVFSKSPVTLDQPNTLICLVDNIFPPVV  143**  
**Canis\_lupu      96 LNIMTKRSNQTAATNEVPEVTVFSKSPVMLGQPNTLICLVDNIFPPVI  143**  
**Mus\_muscul      97 LGVLTKRSNSTPATNEAPQATVFPKSPVLLGQPNTLICFVDNIFPPVI  144**  
**Rattus\_nor      97 LEILMK-SNSTPATNKVPEATVFSKSPVLLGQPNTLICFVDNIFPPAI  143**  
  
**cons            97 \* :: \*  \*.\*.\*\*\*:.\*:.\*\*\*.\*\*\*\* \*.\*\*\*\*\*\*\*:\*\*\*\*\*\*\*.:  144**  
  
  
**Homo\_sapie     144 NITWLSNGQSVTEGVSETSFLSKSDHSFFKISYLTFLPSADEIYDCKV  191**  
**Pan\_troglo     144 NITWLSNGHSVTEGVSETSFLSKSDHSFFKISYLTFLPSADEIYDCKV  191**  
**Canis\_lupu     144 NVTWLKNRHSVTEGVSETSFFAKGDHSFSKISYLTFLPSAEDIYDCKV  191**  
**Mus\_muscul     145 NITWLRNSKSVADGVYETSFFVNRDYSFHKLSYLTFIPSDDDIYDCKV  192**  
**Rattus\_nor     144 NITWLRNSKPVTEGTFETSFLSNPDHSFHKMAYLTFIPSNDDIYDCKV  191**  
  
**cons           145 \*:\*\*\* \* :.\*::\*. \*\*\*\*: : \*:\*\* \*::\*\*\*\*:\*\* ::\*\*\*\*\*\*  192**  
  
  
**Homo\_sapie     192 EHWGLDQPLLKHWEPEIPAPMSELTETVVCALGLSVGLMGIVVGTVFI  239**  
**Pan\_troglo     192 EHWGLDEPLLKHWEPEIPAPMSELTETVVCTLGLSVGLVGIVVGTVLI  239**  
**Canis\_lupu     192 EHWGLDEPLLKHWEPEVPTPMSELTETVVCALGLAVGLVGIVMGTVFI  239**  
**Mus\_muscul     193 EHWGLEEPVLKHWEPEIPAPMSELTETVVCALGLSVGLVGIVVGTIFI  240**  
**Rattus\_nor     192 EHWGLDEPVLKHWEPEIPAPMSELTETVVCALGLSVGLVGIVVGTIFI  239**  
  
**cons           193 \*\*\*\*\*::\*:\*\*\*\*\*\*\*:\*:\*\*\*\*\*\*\*\*\*\*\*:\*\*\*:\*\*\*:\*\*\*:\*\*::\*  240**  
  
  
**Homo\_sapie     240 IQGLRSVGASRHQGPL  255**  
**Pan\_troglo     240 IRGLRSVGASRHQGPL  255**  
**Canis\_lupu     240 IQGLRSGGTSRHQGPL  255**  
**Mus\_muscul     241 IQGLRSGGTSRHPGPL  256**  
**Rattus\_nor     240 IQGLRSGGPSRHPGPL  255**  
  
**cons           241 \*:\*\*\*\* \*.\*\*\* \*\*\*  256**

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**cons         :  83**  
  
**Homo\_sapie       1 MILNKALLLGALALTTVMSPCGGED-IVADHVASCGVNLYQFYGPSGQ   47**  
**Pan\_troglo       1 MILNKALLLGALALTTVMSPCGGED-IVADHVASYGVNLYQSYGPSGQ   47**  
**Canis\_lupu       1 MILNRVLILGTLILTIMMSPSGGEE-IVADHVANYGINVYQSYGPSGQ   47**  
**Mus\_muscul       1 MPRSRALILGVLALTTMLSLCGGEDDIEADHVGTYGISVYQSPGDIGQ   48**  
**Rattus\_nor       1 MPLSRALILGVLALTTMLSPCGGQDDIEADHVAAYGINMYQYYESRGQ   48**  
  
**cons             1 \*  .:.\*:\*\*.\* \*\* ::\* .\*\*:: \* \*\*\*\*.  \*:.:\*\*     \*\*   48**  
  
  
**Homo\_sapie      48 YTHEFDGDEQFYVDLERKETAWRWPEFSKFGGFDPQGALRNMAVAKHN   95**  
**Pan\_troglo      48 YTHEFDGDEEFYVDLERKETVWQLPLFRSFRGFDPQGALTNIAITKHN   95**  
**Canis\_lupu      48 YTHEFDGDEEFYVDLEKKETVWRLPVFSTFRSFDPQGALRNLAIIKQN   95**  
**Mus\_muscul      49 YTFEFDGDELFYVDLDKKETVWMLPEFGQLASFDPQGGLQNIAVVKHN   96**  
**Rattus\_nor      49 YTHEFDGDEEFYVDLDKKETIWRIPEFGQLTSFDPQGGLQEIATAKYN   96**  
  
**cons            49 \*\*.\*\*\*\*\*\* \*\*\*\*\*::\*\*\* \*  \* \*  : .\*\*\*\*\*.\* ::\*  \* \*   96**  
  
  
**Homo\_sapie      96 LNIMIKRYNSTAATNEVPEVTVFSKSPVTLGQPNTLICLVDNIFPPVV  143**  
**Pan\_troglo      96 LNILIKRSNSTAATNEVPEVTVFSKSPVTLDQPNTLICLVDNIFPPVV  143**  
**Canis\_lupu      96 LNIMTKRSNQTAATNEVPEVTVFSKSPVMLGQPNTLICLVDNIFPPVI  143**  
**Mus\_muscul      97 LGVLTKRSNSTPATNEAPQATVFPKSPVLLGQPNTLICFVDNIFPPVI  144**  
**Rattus\_nor      97 LEILMK-SNSTPATNKVPEATVFSKSPVLLGQPNTLICFVDNIFPPAI  143**  
  
**cons            97 \* :: \*  \*.\*.\*\*\*:.\*:.\*\*\*.\*\*\*\* \*.\*\*\*\*\*\*\*:\*\*\*\*\*\*\*.:  144**  
  
  
**Homo\_sapie     144 NITWLSNGQSVTEGVSETSFLSKSDHSFFKISYLTFLPSADEIYDCKV  191**  
**Pan\_troglo     144 NITWLSNGHSVTEGVSETSFLSKSDHSFFKISYLTFLPSADEIYDCKV  191**  
**Canis\_lupu     144 NVTWLKNRHSVTEGVSETSFFAKGDHSFSKISYLTFLPSAEDIYDCKV  191**  
**Mus\_muscul     145 NITWLRNSKSVADGVYETSFFVNRDYSFHKLSYLTFIPSDDDIYDCKV  192**  
**Rattus\_nor     144 NITWLRNSKPVTEGTFETSFLSNPDHSFHKMAYLTFIPSNDDIYDCKV  191**  
  
**cons           145 \*:\*\*\* \* :.\*::\*. \*\*\*\*: : \*:\*\* \*::\*\*\*\*:\*\* ::\*\*\*\*\*\*  192**  
  
  
**Homo\_sapie     192 EHWGLDQPLLKHWEPEIPAPMSELTETVVCALGLSVGLMGIVVGTVFI  239**  
**Pan\_troglo     192 EHWGLDEPLLKHWEPEIPAPMSELTETVVCTLGLSVGLVGIVVGTVLI  239**  
**Canis\_lupu     192 EHWGLDEPLLKHWEPEVPTPMSELTETVVCALGLAVGLVGIVMGTVFI  239**  
**Mus\_muscul     193 EHWGLEEPVLKHWEPEIPAPMSELTETVVCALGLSVGLVGIVVGTIFI  240**  
**Rattus\_nor     192 EHWGLDEPVLKHWEPEIPAPMSELTETVVCALGLSVGLVGIVVGTIFI  239**  
  
**cons           193 \*\*\*\*\*::\*:\*\*\*\*\*\*\*:\*:\*\*\*\*\*\*\*\*\*\*\*:\*\*\*:\*\*\*:\*\*\*:\*\*::\*  240**  
  
  
**Homo\_sapie     240 IQGLRSVGASRHQGPL  255**  
**Pan\_troglo     240 IRGLRSVGASRHQGPL  255**  
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**Rattus\_nor     240 IQGLRSGGPSRHPGPL  255**  
  
**cons           241 \*:\*\*\*\* \*.\*\*\* \*\*\*  256**