```
                    10                  20                  30                  40                  50                  60
1    M A S I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  L2.pro
1    M A S I C G R L G S G T G N A L K A F F T Q P N N K M A R V V N K T K G M D K T I K V A K S A A E L T A N I L E Q A G G  Serovar  Ba.pro
1    M A S I C G R L G S G T G N A L K A F F T Q P N N K M A R V V N K T K G M D K T I K V A K S A A E L T A N I L E Q A G G  Serovar  D.pro
1    M A S I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  E(bou).pro
1    M A S I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  E(MTW447).pro
1    M A S I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  F(NI1).pro
1    M A S I C G R L G S G T G N A L K A F F T Q P N N K M A R V V N K T K G M D K T I K V A K S A A E L T A N I L E Q A G G  Serovar  G.pro
1    M A S I C G R L G S G T G N A L K A F F T Q P N N K M A R V V N K T K G M D K T I K V A K S A A E L T A N I L E Q A G G  Serovar  IA.pro
1    M A A I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  L1.pro
1    M A A I C G R L G S G T G N A L K A F F T Q P S N K M A R V V N K T K G M D K T V K V A K S A A E L T A N I L E Q A G G  Serovar  L3.pro
1    M A S V C G R L S A G V G N R F N A F F T R P G N K L S R F V N S A K G L D R S I K V G K S A A E L T A S I L E Q T G G  MoPn.pro

                    70                  80                  90                 100                 110                 120
61   A G S S A H I T A S Q V S K G L G D A R T V L A L G N A F N G A L P G T V Q S A Q S F F S Y M K A A S Q K P Q E G D E G  Serovar  L2.pro
61   A G S S A H I T A S Q V S K G L G D A R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  Ba.pro
61   A G S S A H I T A S Q V S K G L G D A R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  D.pro
61   A G S S A H I T A S Q V S K G L G D T R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  E(bou).pro
61   A G S S A H I T A S Q V S K G L G D T R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  E(MTW447).pro
61   A G S S A H I T A S Q V S K G L G D T R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  F(NI1).pro
61   A G S S A H I T A S Q V S K G L G D A R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  G.pro
61   A G S S A H I T A S Q V S K G L G D A R T V V A L G N A F N G A L P G T V Q S A Q S F F S H M K A A S Q K T Q E G D E G  Serovar  IA.pro
61   A G S S A H I T A S Q V S K G L G D A R T V L A L G N A F N G A L P G T V Q S A Q S F F S Y M K A A S Q K P Q E G D E G  Serovar  L1.pro
61   A G S S A H I T A S Q V S K G L G D A R T V L A L G N A F N G A L P G T V Q S A Q S F F S Y M K A A S Q K P Q E G D E G  Serovar  L3.pro
61   A G I D A H V T A A K V S K A L G D A R T V M A L G N V F N G S V P A T I Q S A R S C L A H L R A A G K E E E I C S K -  MoPn.pro

                   130                 140                 150                 160                 170                 180
121  L V A D L C V S H K R R A A A A V C S F I G G I T Y L A T F G A I R P I L F V N K M L A Q P F L S S Q I K A N M G S S V  Serovar  L2.pro
121  L T A D L C V S H K R R A A A A V C S I I G G I T Y L A T F G A I R P I L F V N K M L A K P F L S S Q T K A N M G S S V  Serovar  Ba.pro
121  L T A D L C V S H K R R A A A A V C S I I G G I T Y L A T F G A I R P I L F V N K M L A K P F L S S Q T K A N M G S S V  Serovar  D.pro
121  L T A D L C V S H K R R A A A A V C G F I G G I T Y L A T F G V I R P I L F V N K M L V N P F L S S Q T K A N M G S S V  Serovar  E(bou).pro
121  L T A D L C V S H K R R A A A A V C G F I G G I T Y L A T F G V I R P I L F V N K M L V N P F L S S Q T K A N M G S S V  Serovar  E(MTW447).pro
121  L T A D L C V S H K R R A A A A V C G F I G G I T Y L A T F G V I R P I L F V N K M L V N P F L S S Q T K A N M G S S V  Serovar  F(NI1).pro
121  L T A D L C V S H K R R A A A A V C S I I G G I T Y L A T F G A I R P I L F V N K M L A K P F L S S Q T K A N M G S S V  Serovar  G.pro
121  L T A D L C V S H K R R A A A A V C S I I G G I T Y L A T F G A I R P I L F V N K M L A K P F L S S Q T K A N M G S S V  Serovar  IA.pro
121  L V A D L C V S H K R R A A A A V C S F I G G I T Y L A T F G A I R P I L F V N K M L A Q P F L S S Q T K A N M G S S V  Serovar  L1.pro
121  L V A D L C V S H K R R A A A A V C S F I G G I T Y L A T F G A I R P I L F V N K M L A Q P F L S S Q T K A N M G S S V  Serovar  L3.pro
120  - V K D L C V S H R R R A A A E A C N V I G G A T Y I T T F G A I R P T L L V N K L L A K P F L S S Q A K E G L G A S V  MoPn.pro

                   190                 200                 210                 220                 230                 240
181  S Y I M A A N H A A F V V G S G L A I S A E R A D C E A R C A R I A R E E S S L E L S G E E N A C E R R V A G E K A K T  Serovar  L2.pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E M P G E E N A C E K K V A G E K A K T  Serovar  Ba.pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V P G E E N A C E K K V A G E K A K T  Serovar  D.pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V S G E E N A C E K R V A G E K A K T  Serovar  E(bou).pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V S G E E N A C E K R V A G E K A K T  Serovar  E(MTW447).pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V S G E E N A C E K R V A G E K A K T  Serovar  F(NI1).pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V P G E E N A C E K K V A G E K A K T  Serovar  G.pro
181  S Y I M A A N H A A S V V G A G L A I S A E R A D C E A R C A R I A R E E S L L E V P G E E N A C E K K V A G E K A K T  Serovar  IA.pro
181  S Y I M A A N H A A F V V G S G L A I S A E R A D C E A R C A R I A R E E S S L E L S G E E N A C E R G V A G E K A K T  Serovar  L1.pro
181  S Y I M A A N H A A F V V G S G L A I S A E R A D C E A R C A R I A R E E S S L E L S G E E N A C E R R V A G E K A K T  Serovar  L3.pro
179  G Y I M A A N H A A S V L G S A L S I S A E R A D C E E R C D R I R C S E D G E I C E G N K L I A - - - I S E E K A R S  MoPn.pro

                   250                 260                 270                 280                 290
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A V I G L W T F C A R A      Serovar  L2.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  Ba.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  D.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  E(bou).pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  E(MTW447).pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  F(NI1).pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  G.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A I I G L C T F C A R A      Serovar  IA.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A V I G L W T F C N R V      Serovar  L1.pro
241  F T R I K Y A L L T M L E K F L E C V A D V F K L V P L P I T M G I R A I V A A G C T F T S A V I G L W T F C N R V      Serovar  L3.pro
236  W T L I K Y R F L T M I E K L F E M V A D I F K L I P L P I S H G I R A I V A A G C T L T S A V I G L G T F W S R A      MoPn.pro

Decoration 'Decoration #1': Box residues that differ from Serovar L2.pro.
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