

QUERY	1	10	20	30	40
UniRef90_E5DI181	H P N F V G D K S K E F S R L G K E E M M A E M Q R G F E Y N E S D T K T Q				
UniRef90_D9I635	H P N F I G D K S K E F S R L G K P E M I A E M N A Y G F T Y S E D D S D K P K				
UniRef90_I3WVF0	H P Q F V P D R V K W F S R L N K T E T M I A E L D T Q A M H N L T M G K D				
UniRef90_E1A2S3	H P V Y V N D K A K A F K Y L N K P E M I A E L E S I N A V I P A K A T K A Q				
UniRef90_K4F7D6	H P K L V P D L K K R F F A R Q D K L A M I A E M Q K Y G F A Y N D G M T K A D				
UniRef90_D5JFR4	H D K F I P D K V K W F S R L T K P D M I V E M V S M G F E Y A Y K D E R K A				
UniRef90_A7XF10	H D K F I P D K V K W F S R L T K P D M I V E M V S M G F E Y S E T E D R K A				
UniRef90_E1A1R1	L H P Q Y A V D K V K R F F S R L T R A E M V A M D A E G F D Y C D A D T R E E				
UniRef90_Q56EU6	I H P N Y V S D M T K N F S R K N L S E M K A E L R E R G F E F D E K D Q K A V				
UniRef90_E5EPQ4	V H S Q Y L G D M V K Q F S K K S L P D M R L D M Q E R G F D Y N D K D D M V K A E				
UniRef90_E5E494	L L P A Y Y A N D M H K A F T K M S K P D M I A E A E R V V G L A I E P K S T K A Q				
UniRef90_H5V201	I H P Q F V N D L S K L F S R L D V K G M D D M A K Y N V E F P P T K T K V K				
UniRef90_Q6W121	I H P N F V R D Q A V K F A R L T R E K M I N E L N S V G R D V D K T Y T R D Q				
UniRef90_A0A023W5K2	H P Q H P K D Q T K F S R L K L Q E Q K E H L D S L G I K Y P D N A K K S D				
UniRef90_UP10003793887	L H P Q Y V T D S N Q F S R Q S K D D M I S E M K Q R G F E V E S W K T K D E				

lupas_21
lupas_14
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jnet
conf
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jpssm

The diagram illustrates a DNA sequence across 20 positions. Above the sequence, labels indicate either a 'B' or a numerical value (1 through 9) for each position. Below the sequence, colored horizontal bars represent different genetic markers. The markers are as follows:

- Position 1: Red bar (labeled B)
- Position 2: Red bar (labeled B)
- Position 3: Red bar (labeled 1)
- Position 4: Red bar (labeled 2)
- Position 5: Red bar (labeled 8)
- Position 6: Red bar (labeled 8)
- Position 7: Red bar (labeled 7)
- Position 8: Red bar (labeled 6)
- Position 9: Red bar (labeled 0)
- Position 10: Red bar (labeled 3)
- Position 11: Red bar (labeled B)
- Position 12: Red bar (labeled B)
- Position 13: Red bar (labeled 6)
- Position 14: Red bar (labeled 6)
- Position 15: Red bar (labeled 8)
- Position 16: Red bar (labeled 9)
- Position 17: Red bar (labeled 9)
- Position 18: Red bar (labeled 9)
- Position 19: Red bar (labeled 9)
- Position 20: Red bar (labeled 9)

Below the red bars, there are additional colored bars representing other markers. These include blue bars at positions 1, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20; green bars at positions 1, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20; and yellow bars at positions 1, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20.

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