

DNA and AMINO ACID SEQUENCES of HUMAN CBS

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1  ATGCCTTCTGAGACCCCCAGGCAGAAGTGGGGCCACAGGTGCCCCACCGCTCAGGGCCACACTCGGCCAAGGGGAGCTGGAGAAGGGGTCCCCAGAGGATAAGGAAGCCAAGGAG 120
1  M P S E T P Q A E V G P T G C P H R S G P H S A K G S L E K G S P E D K E A K E 40
      .       .       .       .       .       .       .       .       .       .
121 CCCCTGTGGATCCGGCCCGATGCTCCGAGCAGGTGCACCTGGCAGCTGGGCCGGCTGCCCTCCGAGTCCCCACATCACCACACTGCCCGGCAAAATCTCCAAAATCTTGCCAGATATT 240
41 P L W I R P D A P S R C T W Q L G R P A S E S P H H H T A P A K S P K I L P D I 80
      .       .       .       .       .       .       .       .       .       .
241 CTGAAGAAAATCGGGGACACCCTATGGTCAGAATCAACAAGATTGGGAAGAAGTTCGGCCTGAAGTGTGAGCTCTTGGCCAAGTGTGAGTTCTTCAACGCGGGCGGGAGCGTGAAGGAC 360
81 L K K I G D T P M V R I N K I G K K F G L K C E L L A K C E F F N A G G S V K D 120
      .       .       .       .       .       .       .       .       .       .
361 CGCATCAGCCTGCGGATGATTGAGGATGCTGAGCGCGACGGGACGCTGAAGCCCCGGGACACGATTATCGAGCCGACATCCGGGAACACCGGGATCGGGCTGGCCCTGGCTGCGGCAGTG 480
121 R I S L R M I E D A E R D G T L K P G D T I I E P T S G N T G I G L A L A A A V 160
      .       .       .       .       .       .       .       .       .       .
481 AGGGGCTATCGCTGCATCATCGTGATGCCAGAGAAGATGAGCTCCGAGAAGGTGGACGTGTGCGGGCACTGGGGGCTGAGATTGTGAGGACGCCCACCAATGCCAGGTTGACTCCCCG 600
161 R G Y R C I I V M P E K M S S E K V D V L R A L G A E I V R T P T N A R F D S P 200
      .       .       .       .       .       .       .       .       .       .
601 GAGTCACACGTGGGGTGGCCTGGCGGTGAAGAACGAAATCCCCAATTCTCACATCTAGACCAGTACCGCAACGCCAGCAACCCCTGGCTCACTACGACACCACCGCTGATGAGATC 720
201 E S H V G V A W R L K N E I P N S H I L D Q Y R N A S N P L A H Y D T T A D E I 240
      .       .       .       .       .       .       .       .       .       .
721 CTGCAGCAGTGTGATGGGAAGCTGGACATGCTGGTGGCTTCACTGGGCACGGCGGCACCATCACGGGCATTGCCAGGAAGTGAAGGAGAAGTGTCTGGATGCAGGATCATTTGGGGTG 840
241 L Q Q C D G K L D M L V A S V G T G G T I T G I A R K L K E K C P G C R I I G V 280
      .       .       .       .       .       .       .       .       .       .
841 GATCCCCAAGGGTCCATCCTCGCAGAGCCGGAGGAGCTGAACCAGACGGAGCAGACAACCTACGAGGTGGAAGGGATCGGCTACGACTTCATCCCCACGGTGTGGACAGGACGGTGGTG 960
281 D P E G S I L A E P E E L N Q T E Q T T Y E V E G I G Y D F I P T V L D R T V V 320
      .       .       .       .       .       .       .       .       .       .
961 GACAAGTGGTTCAAGAGCAACGATGAGGAGGCGTTACCTTTGCCCGCATGCTGATCGCGCAAGAGGGGCTGCTGTGCGGTGGCAGTGTGGCAGCACGGTGGCGGTGGCCGTGAAGGCT 1080
321 D K W F K S N D E E A F T F A R M L I A Q E G L L C G G S A G S T V A V A V K A 360
      .       .       .       .       .       .       .       .       .       .
1081 GCGCAGGAGCTGCAGGAGGGCCAGCGCTGCGTGGTCAATCTGCCCGACTCAGTGCGGAACTACATGACCAAGTTCCTGAGCGACAGGTGGATGTGCAGAAGGGCTTTCTGAAGGAGGAG 1200
361 A Q E L Q E G Q R C V V I L P D S V R N Y M T K F L S D R W M L Q K G F L K E E 400
      .       .       .       .       .       .       .       .       .       .
1201 GACCTCACGGAGAAGAAGCCCTGGTGGTGGCACCTCCGTGTTCAAGGAGCTGGGCTGTGAGCCCGCTGACCGTGTCTCCCGACCATCACCTGTGGGCACACCATCGAGATCTCCGGGAG 1320
401 D L T E K K P W W W H L R V Q E L G L S A P L T V L P T I T C G H T I E I L R E 440
      .       .       .       .       .       .       .       .       .       .
1321 AGGGCTTCGACCAGGCGCCCGTGGTGGATGAGGCGGGGTAATCCTGGGAATGGTGACGCTTGGGAACATGCTCTCGTCCCTGCTTGGCCGGAAGGTGCAGCCGTGAGACCAAGTTGGC 1440
441 K G F D Q A P V V D E A G V I L G M V T L G N M L S S L L A G K V Q P S D Q V G 480
      .       .       .       .       .       .       .       .       .       .
1441 AAAGTCATCTACAAGCAGTTCAAACAGATCCGCCTCACGGACACGCTGGGCAGGCTCTCGCACATCTGGAGATGGACCACTTCGCCCTGGTGGTGCACGACAGATCCAGTACCACAGC 1560
481 K V I Y K Q F K Q I R L T D T L G R L S H I L E M D H F A L V V H E Q I Q Y H S 520
      .       .       .       .       .       .       .       .       .       .
1561 ACCGGGAAGTCCAGTCAGCGGCAGATGGTGTTCGGGGTGGTCACCGCCATTGACTTGTGAACTTCGTGGCCGCCAGGAGCGGGACCAGAAGTGAAGTCCGGAGCGCTGGGCGGATGTT 1680
521 T G K S S Q R Q M V F G V V T A I D L L N F V A A Q E R D Q K * 551

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