

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E T K A E L E G L F L L D S G H P V F E V C  
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E T K A E L E G L F L L D S G H P V F E V C  
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E A K A E L E G L F L L E S G H P V L G V C

80  
80

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

R EQGID ASDMI V MRRD I STS GKSVC RVNGKLV TIA A LREIG RLLLD IHGQH DNQL L MED E K H L Q E L L D R F A G A E V E S A L Q  
 A EQGID ASDMI V MRRD I STS GKSVC RVNGKLV TIA A LREIG RLLLD IHGQH DNQL L MED E K H L Q E L L D R F A G A E V E S A L Q  
 A EQGID V S D E M I V M R R D I S T S G K S V C R V N G K L V T I A S L R E I G R L L L D I H G Q H D N Q L L M E D E N H L Q L L D K F A G A E V E S A L K

160  
160

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

A Y H E G V E R Y M K L L K K Y R K L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R K Q I S N F E K I Y E S L Q N A Y N A L R S E  
 A Y H E G V E R Y M K L L K K Y R K L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R K Q I S N F E K I Y E S L Q N A Y N A L R S E  
 T Y Q E G V Q R Y V K L L K K L K Q L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R Q Q I S N F E K I Y E S L Q N A Y N A L R S E  
 \* \* \* \* \*

240  
240

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

QGGLDVWGMSAQL<sup>1</sup>EDISDINEPL<sup>2</sup>L<sup>3</sup>Q<sup>4</sup>K<sup>5</sup>SES<sup>6</sup>VS<sup>7</sup>SS<sup>8</sup>YYLLEDATFQMRN<sup>9</sup>LD<sup>10</sup>LE<sup>11</sup>Y<sup>12</sup>DPERLN<sup>13</sup>Y<sup>14</sup>ETRLNEIKQLKRKYGATV  
 QGGLDVWGMSAQL<sup>1</sup>EDISDINEPL<sup>2</sup>L<sup>3</sup>K<sup>4</sup>SES<sup>6</sup>VS<sup>7</sup>SS<sup>8</sup>YYLLEDATFQMRN<sup>9</sup>L<sup>10</sup>LD<sup>11</sup>LE<sup>12</sup>Y<sup>13</sup>DPERLN<sup>14</sup>F<sup>15</sup>ETRLNEIKQLKRKYGATV  
 QGGLDVWGMSAQL<sup>1</sup>EDISDINEPL<sup>2</sup>L<sup>3</sup>K<sup>4</sup>K<sup>5</sup>SES<sup>6</sup>VS<sup>7</sup>SS<sup>8</sup>YYLLEDATFQMRN<sup>9</sup>LD<sup>10</sup>LE<sup>11</sup>Y<sup>12</sup>DPERLN<sup>13</sup>Y<sup>14</sup>ETRLNEIKQLKRKYGATV  
 \* \* \* \* \*

320  
320

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

400  
400

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

R T D S S N S E A P V L N G Q P V Q L T K Q G I D L V K F L I S T N T G E P L K S L S K V A S G G E L S R V M L A M K S I F S S Q Q D V T S I I F D E V D T G V  
K T D P S A S E A P V V D G Q P V Q L T Q K G I D L V K F L I S T N T G E P L K P L S K V A S G G E L S R V M L A M K S I F S S Q Q D V T S I I F D E V D T G V  
R T A S R N E E A P L V N G Q P V Q L T E Q G I D L V K F L I S T N T G E P L K S L S K V A S G G E L S R V M L A M K S I F S S Q Q D V T S I I F D E V D T G V

\* \* \* \* \*

480  
480

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

560  
560

logo

NTDB id 270782 C3Z10 RS13205 WP 039254521.1

NTDB id 352 BSU 24240 NP 390304.2

consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

!! !!!!!!! !!!!!!!

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved