

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

MAELSIK<sub>1</sub>NF<sub>2</sub>AI<sub>3</sub>EEL<sub>4</sub>TV<sub>5</sub>SF<sub>6</sub>ER<sub>7</sub>GL<sub>8</sub>TV<sub>9</sub>LT<sub>10</sub>GET<sub>11</sub>GAG<sub>12</sub>KS<sub>13</sub>II<sub>14</sub>DA<sub>15</sub>VS<sub>16</sub>LLV<sub>17</sub>GGR<sub>18</sub>GS<sub>19</sub>SE<sub>20</sub>Y<sub>21</sub>V<sub>22</sub>RY<sub>23</sub>GE<sub>24</sub>K<sub>25</sub>RA<sub>26</sub>E<sub>27</sub>LE<sub>28</sub>GL<sub>29</sub>F<sub>30</sub>LL<sub>31</sub>D<sub>32</sub>G<sub>33</sub>HP<sub>34</sub>VF<sub>35</sub>DL<sub>36</sub>C<sub>37</sub>  
 MAELSIK<sub>1</sub>NF<sub>2</sub>AI<sub>3</sub>EEL<sub>4</sub>TV<sub>5</sub>SF<sub>6</sub>ER<sub>7</sub>GL<sub>8</sub>TV<sub>9</sub>LT<sub>10</sub>GET<sub>11</sub>GAG<sub>12</sub>KS<sub>13</sub>II<sub>14</sub>DA<sub>15</sub>VS<sub>16</sub>LLV<sub>17</sub>GGR<sub>18</sub>GS<sub>19</sub>SE<sub>20</sub>Y<sub>21</sub>V<sub>22</sub>RY<sub>23</sub>GE<sub>24</sub>K<sub>25</sub>RA<sub>26</sub>E<sub>27</sub>LE<sub>28</sub>GL<sub>29</sub>F<sub>30</sub>LL<sub>31</sub>D<sub>32</sub>G<sub>33</sub>HP<sub>34</sub>VF<sub>35</sub>DL<sub>36</sub>C<sub>37</sub>  
 MAELSIK<sub>1</sub>NF<sub>2</sub>AI<sub>3</sub>EEL<sub>4</sub>TV<sub>5</sub>SF<sub>6</sub>ER<sub>7</sub>GL<sub>8</sub>TV<sub>9</sub>LT<sub>10</sub>GET<sub>11</sub>GAG<sub>12</sub>KS<sub>13</sub>II<sub>14</sub>DA<sub>15</sub>VS<sub>16</sub>LLV<sub>17</sub>GGR<sub>18</sub>GS<sub>19</sub>SE<sub>20</sub>Y<sub>21</sub>V<sub>22</sub>RY<sub>23</sub>GE<sub>24</sub>K<sub>25</sub>RA<sub>26</sub>E<sub>27</sub>LE<sub>28</sub>GL<sub>29</sub>F<sub>30</sub>LL<sub>31</sub>D<sub>32</sub>G<sub>33</sub>HP<sub>34</sub>VF<sub>35</sub>DL<sub>36</sub>C<sub>37</sub>

80  
80

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

TEQLFVSDSEIMVRRDSTSGSKYCRVNGKLVITIASLREYGRLLLDIHGQHDNQLLMEDEHHLQLLDRLFAGEEYESALK  
AELGIDVSDSEIMVRRDSTSGSKYCRVNGKLVITIASLREYGRLLLDIHGQHDNQLLMEDEHHLQLLDRLFAGEEYESALK

160  
160

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

T V Q E V Y S R V Y K M K K V K L S E S E Q E M A H R L D L I Q F Q L D E I E S A K L E P K E D E L L Q E E R R Q I A N F E K I Y E S L Q N A Y N A L R N E  
 A G G Q R I M D L L K K V K L S E S E Q E M A H R L D L I Q F Q L D E I E S A K L E P K E D E L L Q E E R R Q I A N F E K I Y E S L Q N A Y N A L R N E  
 A Y Q E V Y S R Y M D V M K K V K L S E S E Q E M A H R L D L I Q F Q L D E I E S A K L E P K E D E L L Q E E R R Q I A N F E K I Y E A L Q N A Y N A L R N E  
 T Y Q E G Y Q R Y V K L L K K V K L S E S E Q E M A H R L D L I Q F Q L D E I E S A K L E L N E D E L L Q E E R R 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 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

320  
320

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

EDIQEYSSKIEEEDRQENRDSHLQSLKSRLESYGKDVAYEAA NVSEIRKTKWAKKLAKQQRHQLKSLYMEKSTFDTEFKV  
 EDIQAYSAKIEEEDRQENRDSHLQSLKSRLESYGKDVAYEAA NVSEIRKTKWAKKLAKQIQELKDLMEKSTFDTEFKHV  
 EDILEYASKIEEEDIQENRDSHLQSLKKELESYGKDVAYEAA NVSEIRKTKWAKKLADEIHRRELKSLYMEKSTFDTEFKV

400  
400

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

RTASRN<sup>EE</sup>AP<sup>Y</sup>VN<sup>G</sup>Q<sup>M</sup>PVQLT<sup>KQ</sup>EH<sup>G</sup>IDL<sup>V</sup>R<sup>F</sup>ELISTNTGEPLKSLSKVASGGELSR<sup>Y</sup>MLA<sup>M</sup>KSIFS<sup>s</sup>QQDVTSLIFDEVDTGV

KKAERDD<sup>DD</sup>AP<sup>V</sup>VN<sup>C</sup>MPVQLTKH<sup>G</sup>IDT<sup>V</sup>R<sup>F</sup>ELISTNTGEPLKSLSKVASGGELSR<sup>I</sup>MLA<sup>M</sup>KSIFS<sup>A</sup>QQDVTSLIFDEVDTGV

RTASRN<sup>EE</sup>AP<sup>Y</sup>VN<sup>G</sup>Q<sup>M</sup>PVQLTE<sup>KQ</sup>EH<sup>G</sup>IDL<sup>V</sup>R<sup>F</sup>ELISTNTGEPLKSLSKVASGGELSR<sup>Y</sup>MLA<sup>M</sup>KSIFS<sup>s</sup>QQDVTSLIFDEVDTGV

480  
480

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

560  
560

logo

NTDB id 259184 CXG95 RS07270 WP 003183366.1

NTDB id 352 BSU 24240 NP 390304.2

consensus

HAKELLNQAKLVKTS

G

HAKELLNQAKLVKTS

G

!!!!!! !! !!!\*

!

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved