

logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1
NTDB id 1147 A1552VC RS01790 WP 000340098.1
NTDB id 204124 K09K1 RS19970 WP 005379994.1
NTDB id 1291 VP RS12200 WP 005479697.1
consensus

MDASIEKRPRTLSPQKRKQLMEIALEVFA~~R~~RGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLN~~F~~VVRQYSNFL

MDASIEKRPRTLSPQKRKQLMEIALEVFA~~R~~RGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLN~~F~~VVRQYSNFL

.MDSIAKRPRTLSPITKRKQLMEIALEVFA~~R~~RGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDEVLN~~H~~VVRQFSNFL

.MDSIAKRPRTLSPILKRKQLMEIALEVFA~~R~~RGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDEVLN~~H~~VVRQFSNFL

80
80
79
79

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consensus

160
160
159
159

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consensus

Sequence logo:

The sequence logo displays the conservation of amino acids at each position across three rows. The x-axis represents the protein sequence from position 1 to 60. The y-axis represents the information content in bits. The first row shows the highest conservation, particularly at positions 1-10 and 20-30. The second and third rows show lower levels of conservation.

Position	Row 1	Row 2	Row 3
1	E	D	E
2	M	H	L
3	A	I	N
4	S	L	F
5	F	H	G
6	H	G	I
7	C	I	S
8	T	F	Y
9	L	V	Q
10	A	N	R
11	A	L	K
12	G	E	E
13	A	A	K
14	K	Q	E
15	E	V	V
16	Y	K	K
17	L	V	D
18	S	S	Y
19	L	N	M
20	M	L	C
21	C	I	Y
22	N	K	N
23	R	E	H

203
203
204
204

-  non conserved
-  similar
-  > 50% conserved