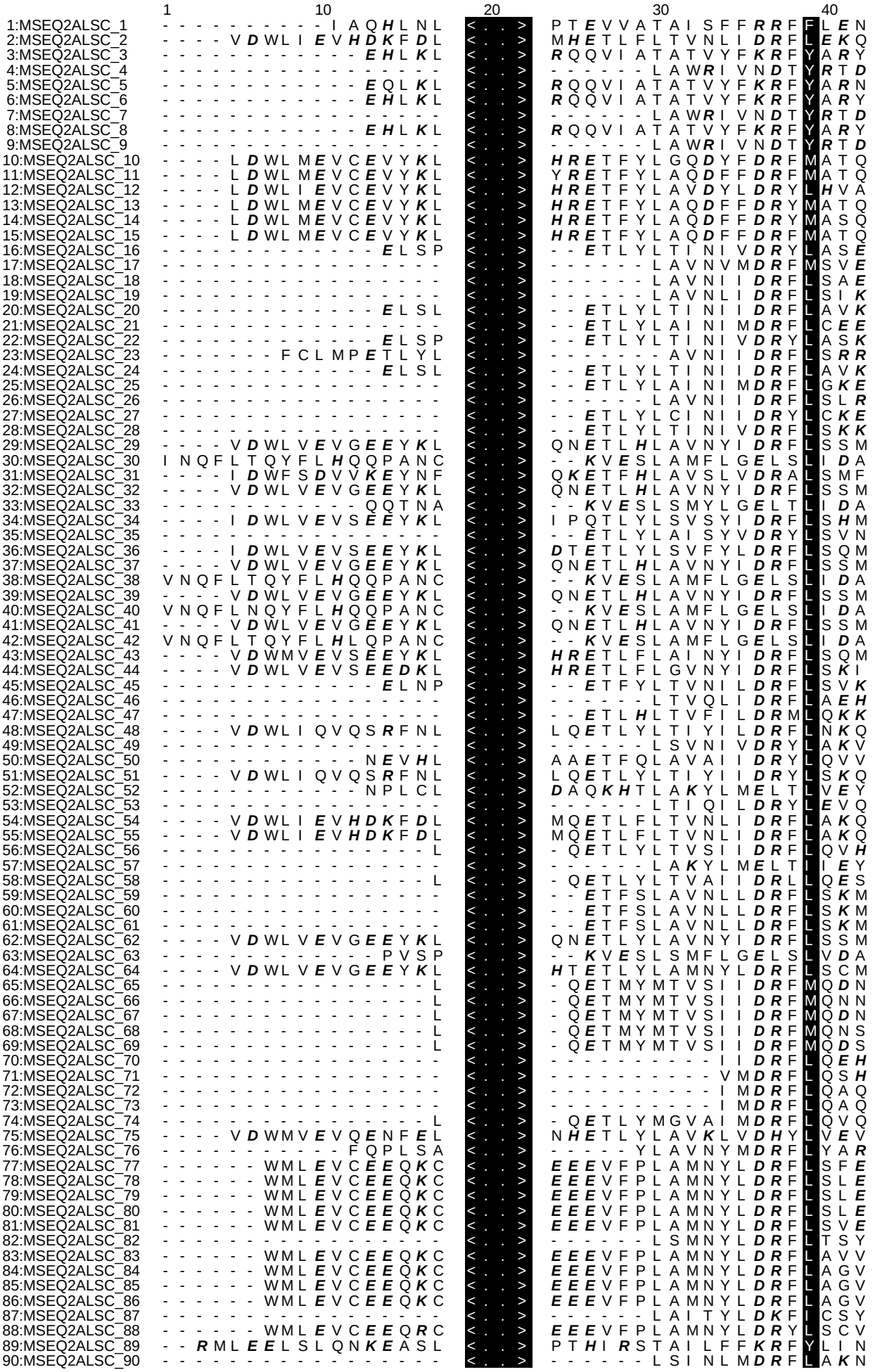
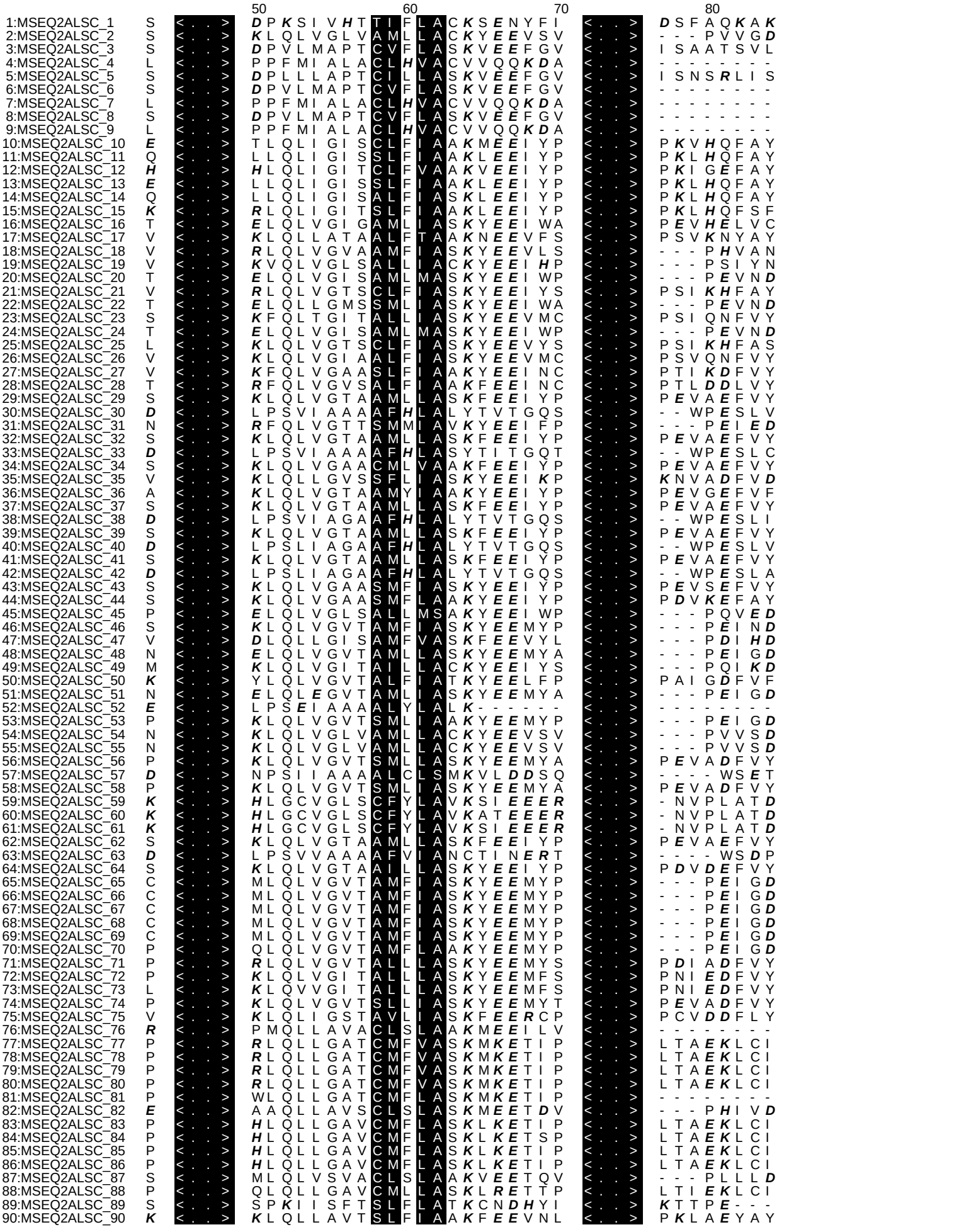
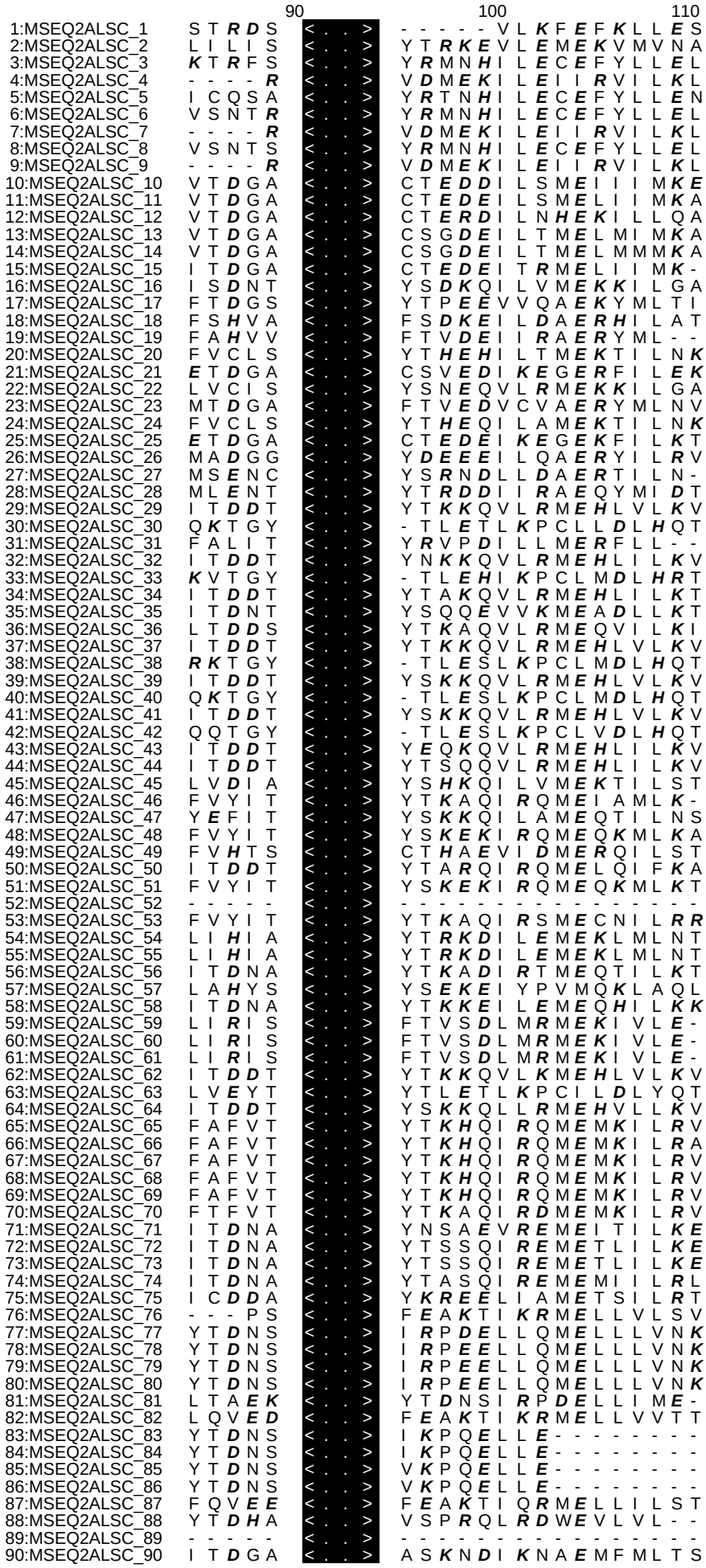

1 10 20 30 40
1:MSEQ2ALSC_1
2:MSEQ2ALSC_2
3:MSEQ2ALSC_3
4:MSEQ2ALSC_4
5:MSEQ2ALSC_5
6:MSEQ2ALSC_6
7:MSEQ2ALSC_7
8:MSEQ2ALSC_8
9:MSEQ2ALSC_9
10:MSEQ2ALSC_10
11:MSEQ2ALSC_11
12:MSEQ2ALSC_12
13:MSEQ2ALSC_13
14:MSEQ2ALSC_14
15:MSEQ2ALSC_15
16:MSEQ2ALSC_16
17:MSEQ2ALSC_17
18:MSEQ2ALSC_18
19:MSEQ2ALSC_19
20:MSEQ2ALSC_20
21:MSEQ2ALSC_21
22:MSEQ2ALSC_22
23:MSEQ2ALSC_23
24:MSEQ2ALSC_24
25:MSEQ2ALSC_25
26:MSEQ2ALSC_26
27:MSEQ2ALSC_27
28:MSEQ2ALSC_28
29:MSEQ2ALSC_29
30:MSEQ2ALSC_30
31:MSEQ2ALSC_31
32:MSEQ2ALSC_32
33:MSEQ2ALSC_33
34:MSEQ2ALSC_34
35:MSEQ2ALSC_35
36:MSEQ2ALSC_36
37:MSEQ2ALSC_37
38:MSEQ2ALSC_38
39:MSEQ2ALSC_39
40:MSEQ2ALSC_40
41:MSEQ2ALSC_41
42:MSEQ2ALSC_42
43:MSEQ2ALSC_43
44:MSEQ2ALSC_44
45:MSEQ2ALSC_45
46:MSEQ2ALSC_46
47:MSEQ2ALSC_47
48:MSEQ2ALSC_48
49:MSEQ2ALSC_49
50:MSEQ2ALSC_50
51:MSEQ2ALSC_51
52:MSEQ2ALSC_52
53:MSEQ2ALSC_53
54:MSEQ2ALSC_54
55:MSEQ2ALSC_55
56:MSEQ2ALSC_56
57:MSEQ2ALSC_57
58:MSEQ2ALSC_58
59:MSEQ2ALSC_59
60:MSEQ2ALSC_60
61:MSEQ2ALSC_61
62:MSEQ2ALSC_62
63:MSEQ2ALSC_63
64:MSEQ2ALSC_64
65:MSEQ2ALSC_65
66:MSEQ2ALSC_66
67:MSEQ2ALSC_67
68:MSEQ2ALSC_68
69:MSEQ2ALSC_69
70:MSEQ2ALSC_70
71:MSEQ2ALSC_71
72:MSEQ2ALSC_72
73:MSEQ2ALSC_73
74:MSEQ2ALSC_74
75:MSEQ2ALSC_75
76:MSEQ2ALSC_76
77:MSEQ2ALSC_77
78:MSEQ2ALSC_78
79:MSEQ2ALSC_79
80:MSEQ2ALSC_80
81:MSEQ2ALSC_81
82:MSEQ2ALSC_82
83:MSEQ2ALSC_83
84:MSEQ2ALSC_84
85:MSEQ2ALSC_85
86:MSEQ2ALSC_86
87:MSEQ2ALSC_87
88:MSEQ2ALSC_88
89:MSEQ2ALSC_89
90:MSEQ2ALSC_90


50
60
70
80
1:MSEQ2ALSC_1
2:MSEQ2ALSC_2
3:MSEQ2ALSC_3
4:MSEQ2ALSC_4
5:MSEQ2ALSC_5
6:MSEQ2ALSC_6
7:MSEQ2ALSC_7
8:MSEQ2ALSC_8
9:MSEQ2ALSC_9
10:MSEQ2ALSC_10
11:MSEQ2ALSC_11
12:MSEQ2ALSC_12
13:MSEQ2ALSC_13
14:MSEQ2ALSC_14
15:MSEQ2ALSC_15
16:MSEQ2ALSC_16
17:MSEQ2ALSC_17
18:MSEQ2ALSC_18
19:MSEQ2ALSC_19
20:MSEQ2ALSC_20
21:MSEQ2ALSC_21
22:MSEQ2ALSC_22
23:MSEQ2ALSC_23
24:MSEQ2ALSC_24
25:MSEQ2ALSC_25
26:MSEQ2ALSC_26
27:MSEQ2ALSC_27
28:MSEQ2ALSC_28
29:MSEQ2ALSC_29
30:MSEQ2ALSC_30
31:MSEQ2ALSC_31
32:MSEQ2ALSC_32
33:MSEQ2ALSC_33
34:MSEQ2ALSC_34
35:MSEQ2ALSC_35
36:MSEQ2ALSC_36
37:MSEQ2ALSC_37
38:MSEQ2ALSC_38
39:MSEQ2ALSC_39
40:MSEQ2ALSC_40
41:MSEQ2ALSC_41
42:MSEQ2ALSC_42
43:MSEQ2ALSC_43
44:MSEQ2ALSC_44
45:MSEQ2ALSC_45
46:MSEQ2ALSC_46
47:MSEQ2ALSC_47
48:MSEQ2ALSC_48
49:MSEQ2ALSC_49
50:MSEQ2ALSC_50
51:MSEQ2ALSC_51
52:MSEQ2ALSC_52
53:MSEQ2ALSC_53
54:MSEQ2ALSC_54
55:MSEQ2ALSC_55
56:MSEQ2ALSC_56
57:MSEQ2ALSC_57
58:MSEQ2ALSC_58
59:MSEQ2ALSC_59
60:MSEQ2ALSC_60
61:MSEQ2ALSC_61
62:MSEQ2ALSC_62
63:MSEQ2ALSC_63
64:MSEQ2ALSC_64
65:MSEQ2ALSC_65
66:MSEQ2ALSC_66
67:MSEQ2ALSC_67
68:MSEQ2ALSC_68
69:MSEQ2ALSC_69
70:MSEQ2ALSC_70
71:MSEQ2ALSC_71
72:MSEQ2ALSC_72
73:MSEQ2ALSC_73
74:MSEQ2ALSC_74
75:MSEQ2ALSC_75
76:MSEQ2ALSC_76
77:MSEQ2ALSC_77
78:MSEQ2ALSC_78
79:MSEQ2ALSC_79
80:MSEQ2ALSC_80
81:MSEQ2ALSC_81
82:MSEQ2ALSC_82
83:MSEQ2ALSC_83
84:MSEQ2ALSC_84
85:MSEQ2ALSC_85
86:MSEQ2ALSC_86
87:MSEQ2ALSC_87
88:MSEQ2ALSC_88
89:MSEQ2ALSC_89
90:MSEQ2ALSC_90


90
100
110
1:MSEQ2ALSC_1 S T R D S < . . > - - - - - V L K F E F K L L E S L
2:MSEQ2ALSC_2 L I L I S < . . > Y T R K E V L E M E K V M V N A L
3:MSEQ2ALSC_3 K T R F S < . . > Y R M N H I L E C E F Y L L E L M
4:MSEQ2ALSC_4 - - - - R < . . > V D M E K I L E I I R V I L K L Y
5:MSEQ2ALSC_5 I C Q S A < . . > Y R T N H I L E C E F Y L L E N L
6:MSEQ2ALSC_6 V S N T R < . . > Y R M N H I L E C E F Y L L E L M
7:MSEQ2ALSC_7 - - - - R < . . > V D M E K I L E I I R V I L K L Y
8:MSEQ2ALSC_8 V S N T S < . . > Y R M N H I L E C E F Y L L E L M
9:MSEQ2ALSC_9 - - - - R < . . > V D M E K I L E I I R V I L K L Y
10:MSEQ2ALSC_10 V T D G A < . . > C T E D D I L S M E I I I M K E L
11:MSEQ2ALSC_11 V T D G A < . . > C T E D E I L S M E L I I M K A L
12:MSEQ2ALSC_12 V T D G A < . . > C T E R D I L N H E K I L L Q A L
13:MSEQ2ALSC_13 V T D G A < . . > C S G D E I L T M E L M I M K A L
14:MSEQ2ALSC_14 V T D G A < . . > C S G D E I L T M E L M M M K A L
15:MSEQ2ALSC_15 I T D G A < . . > C T E D E I T R M E L I I M K - -
16:MSEQ2ALSC_16 I S D N T < . . > Y S D K Q I L V M E K K I L G A L
17:MSEQ2ALSC_17 F T D G S < . . > Y T P E E V V Q A E K Y M L T I L
18:MSEQ2ALSC_18 F S H V A < . . > F S D K E I L D A E R H I L A T L
19:MSEQ2ALSC_19 F A H V V < . . > F T V D E I I R A E R Y M L - - -
20:MSEQ2ALSC_20 F V C L S < . . > Y T H E H I L T M E K T I L N K L
21:MSEQ2ALSC_21 E T D G A < . . > C S V E D I K E G E R F I L E K L
22:MSEQ2ALSC_22 L V C I S < . . > Y S N E Q V L R M E K K I L G A L
23:MSEQ2ALSC_23 M T D G A < . . > F T V E D V C V A E R Y M L N V L
24:MSEQ2ALSC_24 F V C L S < . . > Y T H E Q I L A M E K T I L N K L
25:MSEQ2ALSC_25 E T D G A < . . > C T E D E I K E G E K F I L K T L
26:MSEQ2ALSC_26 M A D G G < . . > Y D E E E I L Q A E R Y I L R V L
27:MSEQ2ALSC_27 M S E N C < . . > Y S R N D L L D A E R T I L N - -
28:MSEQ2ALSC_28 M L E N T < . . > Y T R D D I I R A E Q Y M I D T L
29:MSEQ2ALSC_29 I T D D T < . . > Y T K K Q V L R M E H L V L K V L
30:MSEQ2ALSC_30 Q K T G Y < . . > - T L E T L K P C L L D L H Q T Y
31:MSEQ2ALSC_31 F A L I T < . . > Y R V P D I L L M E R F L L - - -
32:MSEQ2ALSC_32 I T D D T < . . > Y N K K Q V L R M E H L I L K V L
33:MSEQ2ALSC_33 K V T G Y < . . > - T L E H I K P C L M D L H R T Y
34:MSEQ2ALSC_34 I T D D T < . . > Y T A K Q V L R M E H L I L K T L
35:MSEQ2ALSC_35 I T D N T < . . > Y S Q Q E V V K M E A D L L K T L
36:MSEQ2ALSC_36 L T D D S < . . > Y T K A Q V L R M E Q V I L K I L
37:MSEQ2ALSC_37 I T D D T < . . > Y T K K Q V L R M E H L V L K V L
38:MSEQ2ALSC_38 R K T G Y < . . > - T L E S L K P C L M D L H Q T Y
39:MSEQ2ALSC_39 I T D D T < . . > Y S K K Q V L R M E H L V L K V L
40:MSEQ2ALSC_40 Q K T G Y < . . > - T L E S L K P C L M D L H Q T Y
41:MSEQ2ALSC_41 I T D D T < . . > Y S K K Q V L R M E H L V L K V L
42:MSEQ2ALSC_42 Q Q T G Y < . . > - T L E S L K P C L V D L H Q T Y
43:MSEQ2ALSC_43 I T D D T < . . > Y E Q K Q V L R M E H L I L K V L
44:MSEQ2ALSC_44 I T D D T < . . > Y T S Q Q V L R M E H L I L K V L
45:MSEQ2ALSC_45 L V D I A < . . > Y S H K Q I L V M E K T I L S T L
46:MSEQ2ALSC_46 F V Y I T < . . > Y T K A Q I R Q M E I A M L K - -
47:MSEQ2ALSC_47 Y E F I T < . . > Y S K K Q I L A M E Q T I L N S L
48:MSEQ2ALSC_48 F V Y I T < . . > Y S K E K I R Q M E Q K M L K A -
49:MSEQ2ALSC_49 F V H T S < . . > C T H A E V I D M E R Q I L S T L
50:MSEQ2ALSC_50 I T D D T < . . > Y T A R Q I R Q M E L Q I F K A I
51:MSEQ2ALSC_51 F V Y I T < . . > Y S K E K I R Q M E Q K M L K T -
52:MSEQ2ALSC_52 - - - - - < . . > - - - - - - - - - - - - - - - -
53:MSEQ2ALSC_53 F V Y I T < . . > Y T K A Q I R S M E C N I L R R L
54:MSEQ2ALSC_54 L I H I A < . . > Y T R K D I L E M E K L M L N T L
55:MSEQ2ALSC_55 L I H I A < . . > Y T R K D I L E M E K L M L N T L
56:MSEQ2ALSC_56 I T D N A < . . > Y T K A D I R T M E Q T I L K T L
57:MSEQ2ALSC_57 L A H Y S < . . > Y S E K E I Y P V M Q K L A Q L V
58:MSEQ2ALSC_58 I T D N A < . . > Y T K K E I L E M E Q H I L K K L
59:MSEQ2ALSC_59 L I R I S < . . > F T V S D L M R M E K I V L E - -
60:MSEQ2ALSC_60 L I R I S < . . > F T V S D L M R M E K I V L E - -
61:MSEQ2ALSC_61 L I R I S < . . > F T V S D L M R M E K I V L E - -
62:MSEQ2ALSC_62 I T D D T < . . > Y T K K Q V L K M E H L V L K V L
63:MSEQ2ALSC_63 L V E Y T < . . > Y T L E T L K P C I L D L Y Q T Y
64:MSEQ2ALSC_64 I T D D T < . . > Y S K K Q L L R M E H V L L K V L
65:MSEQ2ALSC_65 F A F V T < . . > Y T K H Q I R Q M E M K I L R V L
66:MSEQ2ALSC_66 F A F V T < . . > Y T K H Q I R Q M E M K I L R A L
67:MSEQ2ALSC_67 F A F V T < . . > Y T K H Q I R Q M E M K I L R V L
68:MSEQ2ALSC_68 F A F V T < . . > Y T K H Q I R Q M E M K I L R V L
69:MSEQ2ALSC_69 F A F V T < . . > Y T K H Q I R Q M E M K I L R V L
70:MSEQ2ALSC_70 F T F V T < . . > Y T K A Q I R D M E M K I L R V L
71:MSEQ2ALSC_71 I T D N A < . . > Y N S A E V R E M E I T I L K E L
72:MSEQ2ALSC_72 I T D N A < . . > Y T S S Q I R E M E T L I L K E L
73:MSEQ2ALSC_73 I T D N A < . . > Y T S S Q I R E M E T L I L K E L
74:MSEQ2ALSC_74 I T D N A < . . > Y T A S Q I R E M E M I I L R L L
75:MSEQ2ALSC_75 I C D D A < . . > Y K R E E L I A M E T S I L R T L
76:MSEQ2ALSC_76 - - - P S < . . > F E A K T I K R M E L L V L S V L
77:MSEQ2ALSC_77 Y T D N S < . . > I R P D E L L Q M E L L L V N K L
78:MSEQ2ALSC_78 Y T D N S < . . > I R P E E L L Q M E L L L V N K L
79:MSEQ2ALSC_79 Y T D N S < . . > I R P E E L L Q M E L L L V N K L
80:MSEQ2ALSC_80 Y T D N S < . . > I R P E E L L Q M E L L L V N K L
81:MSEQ2ALSC_81 L T A E K < . . > Y T D N S I R P D E L L I M E - -
82:MSEQ2ALSC_82 L Q V E D < . . > F E A K T I K R M E L L V V T T L
83:MSEQ2ALSC_83 Y T D N S < . . > I K P Q E L L E - - - - - - - - -
84:MSEQ2ALSC_84 Y T D N S < . . > I K P Q E L L E - - - - - - - - -
85:MSEQ2ALSC_85 Y T D N S < . . > V K P Q E L L E - - - - - - - - -
86:MSEQ2ALSC_86 Y T D N S < . . > V K P Q E L L E - - - - - - - - -
87:MSEQ2ALSC_87 F Q V E E < . . > F E A K T I Q R M E L L I L S T L
88:MSEQ2ALSC_88 Y T D H A < . . > V S P R Q L R D W E V L V L - - -
89:MSEQ2ALSC_89 - - - - - < . . > - - - - - - - - - - - - - - - -
90:MSEQ2ALSC_90 I T D G A < . . > A S K N D I K N A E M F M L T S L