1 : 0.943

2 S 0.253

3 L 0.943

4 S 0.943

5 D -1.597

6 K -1.685

7 D 0.943

8 K 0.943

9 A -1.705

10 A 0.253

11 V -0.385

12 R 0.253

13 A -1.399

14 L -1.685

15 W 0.253

16 S -1.134

17 K 0.943

18 I -0.618

19 G 0.253

20 K -1.399

21 S -1.064

22 A -0.131

23 D -1.399

24 A -1.114

25 I -1.064

26 G 0.943

27 N -1.064

28 D 0.253

29 A 0.253

30 L 0.943

31 S -1.064

32 R 0.943

33 M 0.253

34 I 0.253

35 V -1.991

36 V -2.154

37 Y -0.131

38 P 0.943

39 Q -0.131

40 T 0.943

41 K 0.943

42 T 0.943

43 Y 0.943

44 F 0.943

45 S -0.131

46 H 0.943

47 W -0.417

48 P -1.000 \*

49 D 0.253

50 V -0.385

51 T -0.417

52 P -0.385

53 G 0.943

54 S 0.943

55 P -0.417

56 H 0.253

57 I 0.253

58 K 0.943

59 A -1.006

60 H 0.943

61 G 0.943

62 K -0.417

63 K 0.943

64 V 0.943

65 M -0.778

66 G -0.778

67 G 0.253

68 I 0.253

69 A -1.006

70 L -2.848

71 A 0.943

72 V -0.385

73 S -2.670

74 K 0.253

75 I -1.312

76 D 0.253

77 D 0.943

78 L -0.778

79 K -0.417

80 T -0.778

81 G 0.253

82 L 0.943

83 M 0.253

84 E -2.262

85 L 0.943

86 S 0.943

87 E 0.253

88 Q 0.253

89 H 0.943

90 A 0.943

91 Y -0.778

92 K 0.943

93 L 0.943

94 R 0.943

95 V 0.943

96 D 0.943

97 P 0.943

98 A 0.253

99 N 0.943

100 F 0.943

101 K 0.943

102 I -0.417

103 L 0.943

104 N -0.417

105 H 0.253

106 C 0.253

107 I -0.417

108 L 0.253

109 V -0.131

110 V -0.131

111 I -0.417

112 S 0.253

113 T -2.955

114 M 0.253

115 F -1.175

116 P 0.943

117 K -3.241

118 E -1.134

119 F 0.253

120 T 0.253

121 P 0.943

122 E -0.778

123 A -1.064

124 H 0.943

125 V 0.253

126 S 0.943

127 L 0.943

128 D 0.943

129 K 0.943

130 F 0.943

131 L 0.253

132 S -1.006

133 G -2.262

134 V 0.943

135 A -0.417

136 L -0.417

137 A 0.253

138 L 0.943

139 A 0.253

140 E 0.253

141 R 0.253

142 Y 0.943

143 R 0.943

\* gap fraction no less than 0.50; conservation set to M-S

M: mean; S: standard deviation

AL2CO parameters are:

Input alignment file: QUERY\_Lz3ez9

Output conservation file: QUERY\_Lz3ez9.csv.txt

Output alignment file with index: QUERY\_Lz3ez9.csv.aln; Block size: 70

Weighting scheme: unweighted

Conservation calculation method: entropy-based

Window size: 1

Conservation normalized to zero mean and unity variance

Gap fraction to suppress calculation: 0.50