1 : 1.021

2 S 0.865

3 L 0.909

4 S 0.953

5 D 0.527

6 K 0.561

7 D 0.973

8 K 0.956

9 A 0.541

10 A 0.917

11 V 0.744

12 R 0.871

13 A 0.567

14 L 0.559

15 W 0.943

16 S 0.612

17 K 0.956

18 I 0.691

19 G 0.886

20 K 0.613

21 S 0.713

22 A 0.740

23 D 0.624

24 A 0.665

25 I 0.757

26 G 0.977

27 N 0.650

28 D 0.922

29 A 0.817

30 L 0.909

31 S 0.749

32 R 1.015

33 M 0.933

34 I 0.904

35 V 0.470

36 V 0.472

37 Y 0.830

38 P 0.993

39 Q 0.821

40 T 0.977

41 K 0.956

42 T 0.977

43 Y 1.016

44 F 0.988

45 S 0.822

46 H 0.969

47 W 0.823

48 P 0.657 \*

49 D 0.888

50 V 0.674

51 T 0.776

52 P 0.745

53 G 0.977

54 S 0.953

55 P 0.730

56 H 0.936

57 I 0.872

58 K 0.956

59 A 0.596

60 H 0.969

61 G 0.977

62 K 0.777

63 K 0.956

64 V 0.956

65 M 0.660

66 G 0.704

67 G 0.817

68 I 0.825

69 A 0.643

70 L 0.360

71 A 0.906

72 V 0.701

73 S 0.406

74 K 0.879

75 I 0.543

76 D 0.888

77 D 0.973

78 L 0.675

79 K 0.807

80 T 0.733

81 G 0.817

82 L 0.909

83 M 0.869

84 E 0.451

85 L 0.909

86 S 0.953

87 E 0.888

88 Q 0.826

89 H 0.969

90 A 0.906

91 Y 0.731

92 K 0.956

93 L 0.909

94 R 1.015

95 V 0.956

96 D 0.973

97 P 0.993

98 A 0.860

99 N 1.012

100 F 0.988

101 K 0.956

102 I 0.739

103 L 0.909

104 N 0.781

105 H 0.886

106 C 0.937

107 I 0.739

108 L 0.825

109 V 0.784

110 V 0.806

111 I 0.735

112 S 0.814

113 T 0.345

114 M 0.885

115 F 0.559

116 P 0.993

117 K 0.302

118 E 0.633

119 F 0.893

120 T 0.891

121 P 0.993

122 E 0.660

123 A 0.695

124 H 0.969

125 V 0.814

126 S 0.953

127 L 0.909

128 D 0.973

129 K 0.956

130 F 0.988

131 L 0.822

132 S 0.595

133 G 0.459

134 V 0.956

135 A 0.769

136 L 0.796

137 A 0.860

138 L 0.909

139 A 0.881

140 E 0.868

141 R 0.871

142 Y 1.016

143 R 1.015

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

M: mean; S: standard deviation

AL2CO parameters are:

Input alignment file: QUERY\_3ZTSF3

Output conservation file: QUERY\_3ZTSF3.csv.txt

Output alignment file with index: QUERY\_3ZTSF3.csv.aln; Block size: 70

Weighting scheme: unweighted

Conservation calculation method: variance-based

Window size: 1

Conservation not normalized

Gap fraction to suppress calculation: 0.50