1 : 0.000

2 S -0.305

3 L 0.000

4 S 0.000

5 D -1.121

6 K -1.160

7 D 0.000

8 K 0.000

9 A -1.169

10 A -0.305

11 V -0.586

12 R -0.305

13 A -1.034

14 L -1.160

15 W -0.305

16 S -0.916

17 K 0.000

18 I -0.689

19 G -0.305

20 K -1.034

21 S -0.886

22 A -0.474

23 D -1.034

24 A -0.908

25 I -0.886

26 G 0.000

27 N -0.886

28 D -0.305

29 A -0.305

30 L 0.000

31 S -0.886

32 R 0.000

33 M -0.305

34 I -0.305

35 V -1.295

36 V -1.367

37 Y -0.474

38 P 0.000

39 Q -0.474

40 T 0.000

41 K 0.000

42 T 0.000

43 Y 0.000

44 F 0.000

45 S -0.474

46 H 0.000

47 W -0.600

48 P -0.857 \*

49 D -0.305

50 V -0.586

51 T -0.600

52 P -0.586

53 G 0.000

54 S 0.000

55 P -0.600

56 H -0.305

57 I -0.305

58 K 0.000

59 A -0.860

60 H 0.000

61 G 0.000

62 K -0.600

63 K 0.000

64 V 0.000

65 M -0.760

66 G -0.760

67 G -0.305

68 I -0.305

69 A -0.860

70 L -1.673

71 A 0.000

72 V -0.586

73 S -1.594

74 K -0.305

75 I -0.995

76 D -0.305

77 D 0.000

78 L -0.760

79 K -0.600

80 T -0.760

81 G -0.305

82 L 0.000

83 M -0.305

84 E -1.414

85 L 0.000

86 S 0.000

87 E -0.305

88 Q -0.305

89 H 0.000

90 A 0.000

91 Y -0.760

92 K 0.000

93 L 0.000

94 R 0.000

95 V 0.000

96 D 0.000

97 P 0.000

98 A -0.305

99 N 0.000

100 F 0.000

101 K 0.000

102 I -0.600

103 L 0.000

104 N -0.600

105 H -0.305

106 C -0.305

107 I -0.600

108 L -0.305

109 V -0.474

110 V -0.474

111 I -0.600

112 S -0.305

113 T -1.720

114 M -0.305

115 F -0.935

116 P 0.000

117 K -1.846

118 E -0.916

119 F -0.305

120 T -0.305

121 P 0.000

122 E -0.760

123 A -0.886

124 H 0.000

125 V -0.305

126 S 0.000

127 L 0.000

128 D 0.000

129 K 0.000

130 F 0.000

131 L -0.305

132 S -0.860

133 G -1.414

134 V 0.000

135 A -0.600

136 L -0.600

137 A -0.305

138 L 0.000

139 A -0.305

140 E -0.305

141 R -0.305

142 Y 0.000

143 R 0.000

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

M: mean; S: standard deviation

AL2CO parameters are:

Input alignment file: QUERY\_dDJcPu

Output conservation file: QUERY\_dDJcPu.csv.txt

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

Weighting scheme: unweighted

Conservation calculation method: entropy-based

Window size: 1

Conservation not normalized

Gap fraction to suppress calculation: 0.50