1 M -1.216 \*

2 A -1.216 \*

3 S -0.974

4 K -1.494

5 P -0.377

6 Q -0.736

7 P -0.377

8 I -0.736

9 A -0.377

10 A -0.377

11 A -0.377

12 N 0.000

13 W -0.349

14 K 0.000

15 C -0.937

16 N 0.000

17 G -0.349

18 S -1.311

19 E -1.303

20 S -1.523

21 L -1.581

22 L -1.061

23 V -1.677

24 P -1.003

25 L -0.687

26 I -0.965

27 E -1.735

28 T -1.003

29 L -0.349

30 N -0.349

31 A -1.003

32 A -0.684

33 T -1.889

34 F -1.581

35 D -1.149

36 H -1.677

37 D -1.523

38 : -1.216 \*

39 : -1.216 \*

40 V -0.687

41 Q -0.849

42 C -0.349

43 V 0.000

44 V -1.061

45 A -1.003

46 P -0.349

47 T -0.349

48 F -1.215

49 L -1.677

50 H -0.684

51 I -0.687

52 P -1.149

53 M -1.465

54 T -1.149

55 K -0.937

56 A -1.215

57 R -1.427

58 L -0.349

59 T -1.216 \*

60 N -1.523

61 P -1.149

62 K -1.427

63 F -1.311

64 Q -1.831

65 I -1.003

66 A -0.684

67 A -0.349

68 Q 0.000

69 N 0.000

70 A -0.687

71 I -0.849

72 : -1.074

73 T -1.149

74 R -1.523

75 S -1.369

76 G 0.000

77 A 0.000

78 F 0.000

79 T 0.000

80 G 0.000

81 E 0.000

82 V -1.149

83 S -0.349

84 L -1.149

85 Q -1.465

86 I -0.684

87 L -0.937

88 K -0.349

89 D -0.349

90 Y -1.523

91 G 0.000

92 I -1.003

93 S -1.677

94 W 0.000

95 V 0.000

96 V -0.687

97 L 0.000

98 G 0.000

99 H 0.000

100 S 0.000

101 E 0.000

102 R 0.000

103 R 0.000

104 L -1.149

105 Y -1.273

106 : -1.216 \*

107 : -1.216 \*

108 Y -0.849

109 G -0.684

110 E 0.000

111 T -0.684

112 N -0.530

113 E -1.149

114 I -1.149

115 V -0.530

116 A -0.687

117 E -1.311

118 K 0.000

119 V -0.995

120 A -1.303

121 Q -1.149

122 A 0.000

123 C -0.349

124 A -1.427

125 : -1.216 \*

126 A -1.061

127 G -0.349

128 F -1.003

129 H -0.937

130 V 0.000

131 I -0.349

132 V -1.303

133 C 0.000

134 V -0.530

135 G 0.000

136 E 0.000

137 T -0.965

138 N -0.349

139 E -0.637

140 E -0.349

141 R -0.349

142 E -0.349

143 A -0.349

144 G 0.000

145 R -1.677

146 T 0.000

147 A -1.831

148 A -1.311

149 V 0.000

150 V -0.684

151 L -1.273

152 T -1.215

153 Q 0.000

154 L -0.965

155 A -1.427

156 A -0.637

157 V -1.149

158 A -1.003

159 Q -0.995

160 K -1.215

161 L -1.215

162 S -1.216 \*

163 K -1.216 \*

164 E -1.003

165 A -0.684

166 W 0.000

167 S -1.003

168 R -1.215

169 V -0.349

170 V 0.000

171 I -1.099

172 A 0.000

173 Y 0.000

174 E 0.000

175 P 0.000

176 V 0.000

177 W 0.000

178 A 0.000

179 I 0.000

180 G 0.000

181 T 0.000

182 G 0.000

183 K -0.684

184 V -0.937

185 A 0.000

186 T -0.349

187 P -0.349

188 Q -1.215

189 Q -0.349

190 A 0.000

191 Q -0.349

192 E -0.684

193 V -0.349

194 H 0.000

195 E -0.637

196 L -1.677

197 L -0.849

198 R 0.000

199 R -1.677

200 W -0.530

201 V -0.349

202 R -1.149

203 S -1.303

204 K -0.637

205 L -1.149

206 G -0.849

207 T -1.215

208 D -1.677

209 I -0.684

210 A -0.349

211 A -1.465

212 Q -1.003

213 L -0.637

214 R 0.000

215 I 0.000

216 L -0.937

217 Y 0.000

218 G 0.000

219 G 0.000

220 S 0.000

221 V -0.349

222 T -0.684

223 A -0.965

224 K -1.003

225 N -0.637

226 A -0.687

227 R -1.303

228 T -0.849

229 L -0.349

230 Y -1.003

231 Q -1.465

232 M -0.937

233 R -0.684

234 D -0.349

235 I -0.687

236 N -0.349

237 G 0.000

238 F 0.000

239 L 0.000

240 V 0.000

241 G 0.000

242 G 0.000

243 A 0.000

244 S 0.000

245 L -0.349

246 K 0.000

247 P 0.000

248 E -0.684

249 F 0.000

250 V -0.684

251 E -0.849

252 I 0.000

253 I -0.349

254 E -0.684

255 A -0.530

256 T -1.465

257 K -1.427

258 : -1.216 \*

259 : -1.216 \*

260 : -1.216 \*

261 : -1.216 \*

262 : -1.216 \*

263 : -1.216 \*

264 : -1.216 \*

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

M: mean; S: standard deviation

AL2CO parameters are:

Input alignment file: QUERY\_V1vG3F

Output conservation file: QUERY\_V1vG3F.csv.txt

Output alignment file with index: QUERY\_V1vG3F.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