MSA (ClustalW) 78 (68.6, 85.7) 6 (2.2, 12.6) 5 (1.6, 11.3) 40 (30.3, 50.3) 56 (45.7, 65.9) 73 (63.2 , 81.4) 26 (17.7 , 35.7) 4 (1.1 , 9.9) 10 (4.9 , 17.6) 3 (0.6 , 8.5) 65 (54.8 , 74.3) 85 (76.5 , 91.4) 4 (1.1 , 9.9) 14 (7.9 , 22.4) 97 (91.5 , 99.4) 33 (23.9 , 43.1) 19 (11.8 , 28.1) 95 (88.7 , 98.4) (0 , 5.4) 68 (57.9 , 77) 93 (86.1 , 97.1) 5 (1.6, 11.3) 30 (21.2 , 40) 1 (0 , 5.4) 39 (29.4 , 49.3) 32 (23 , 42.1) 76 (66.4 , 84) 12 (6.4 , 20) 89 (81.2 , 94.4) 59 (48.7 , 68.7) 34 (24.8 , 44.2) 99 (94.6 , 100) 1 (0,5.4) 25 (16.9, 34.7) 33 (23.9, 43.1) 35 (25.7, 45.2) 21 (13.5, 30.3) 15 (8.6 , 23.5) 46 (36 , 56.3) 2 (0.2 , 7) 75 (65.3 , <mark>8</mark>3.1) 71 (61.1 , 79.6) 80 (70.8, 87.3) 62 (51.7 , 71.5) 100(96.4 , 100) 1 (0 , 5.4) 22 (14.3 , 31.4) 23 (15.2 , 32.5) (2.2 , 12.6) 83 (74.2 , 89.8) 31 (22.1 , 41) 76 (66.4 , 84) **6**0 (49.7 , 69.7) 27 (18.6 , 36.8) 100(96.4 , 100) 52 (41.8 , 62.1) 100(96.4 , 100) 95 (88.7, 98.4) 3 (0.6 , 8.5) 100(96.4 , 100) 100(96.4 , 100) 82 (73.1 , 89) 1 (0 , 5.4) 100(96.4 , 100) 2 (0.2 , 7) 100(96.4 , 100) 73 (63.2 , 81.4) 5 (1.6 , 11.3) 36 (26.6 , 46.2) 14 (7.9 , 22.4) 13 (7.1 , 21.2) 21 (13.5 , 30.3) 3 (0.6 , 8.5) 1 (0,5.4) 99 (94.6 , 100) 1 (0,5.4)

