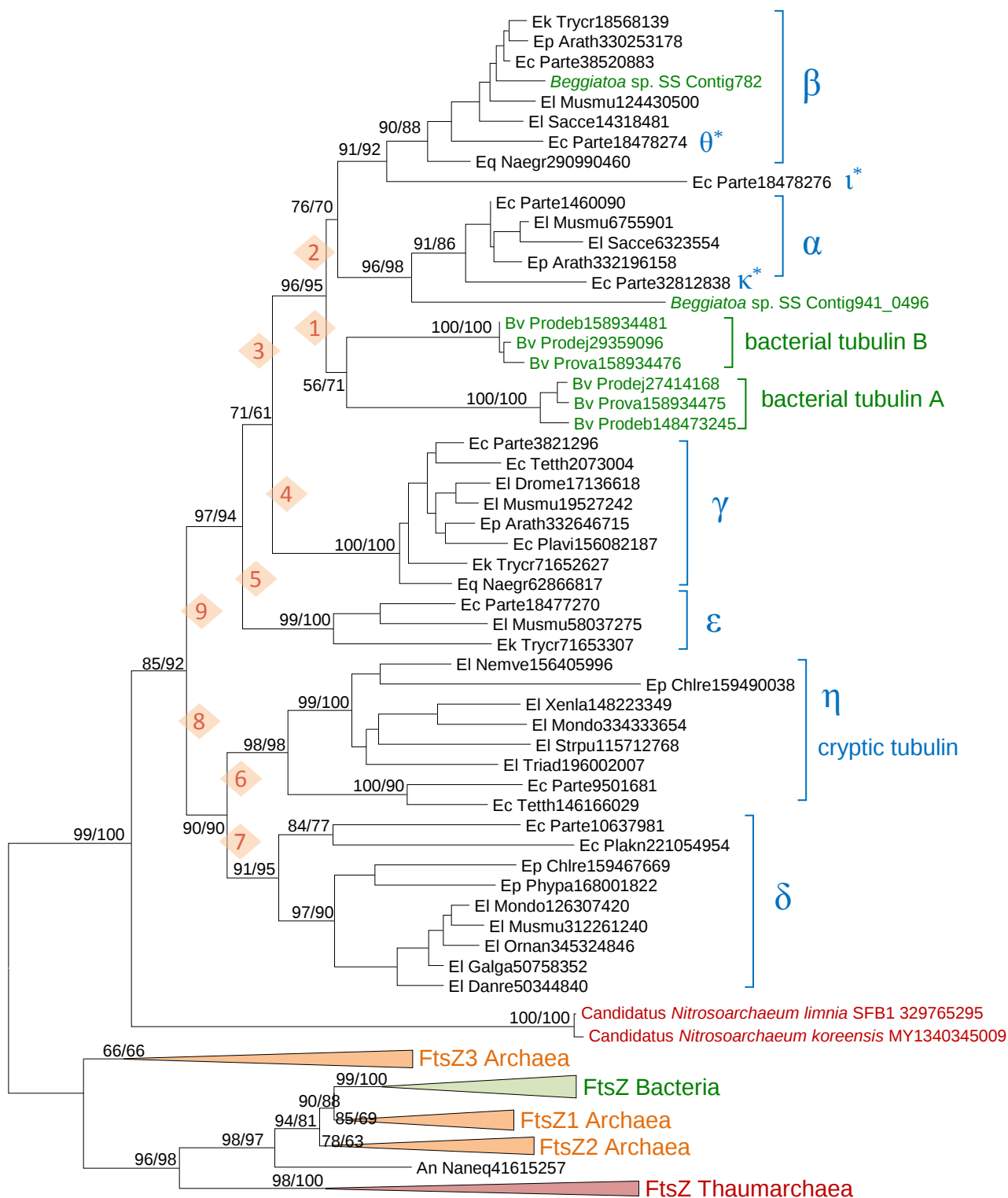




Constrained tree analysis of alternative tree topologies of the tubulin/FtsZ family tree

constraint #	Unconstrained tree			Constrained tree		
	ELW	AU	Likelihood	ELW	AU	Likelihood
1	0.950	0.9502	-20625.834	0.050	0.0498	-20649.030
2	0.963	0.9678	-20625.834	0.037	0.0322	-20638.978
3	0.837	0.8413	-20625.834	0.163	0.1587	-20634.967
4	0.867	0.8801	-20625.834	0.133	0.1199	-20631.958
5	0.830	0.8473	-20625.834	0.170	0.1527	-20632.346
6	0.862	0.8670	-20625.834	0.138	0.1330	-20642.431
7	0.897	0.9083	-20625.834	0.103	0.0917	-20633.350
8	0.782	0.7835	-20625.834	0.218	0.2165	-20637.708
9	0.718	0.7532	-20625.834	0.282	0.2468	-20627.738

The numbers of the constrained trees correspond to the alternative positions of the artubulin branch indicated on the tree above. Significant p-values according to AU are shown in red.