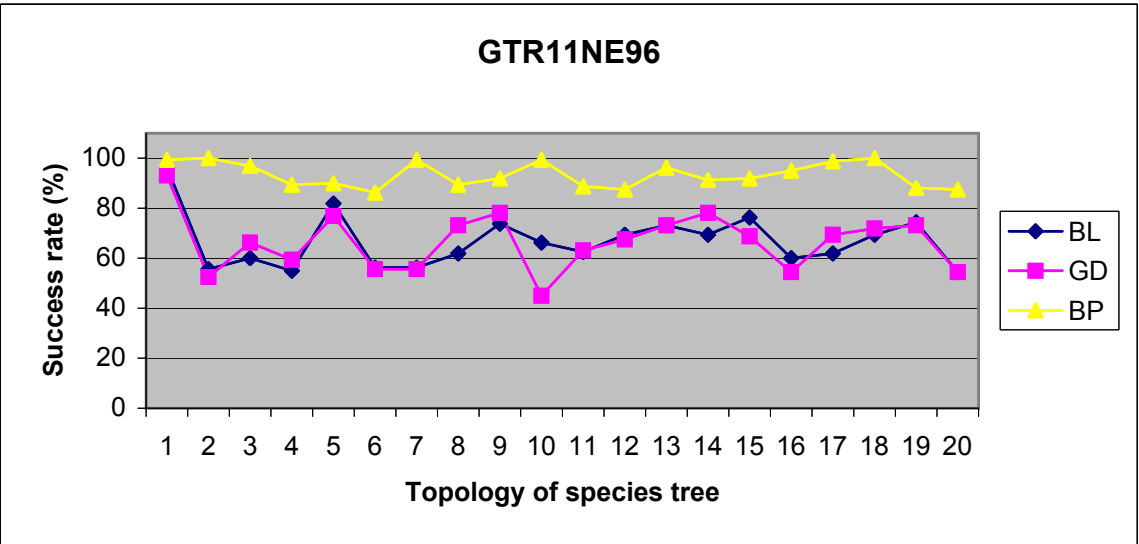
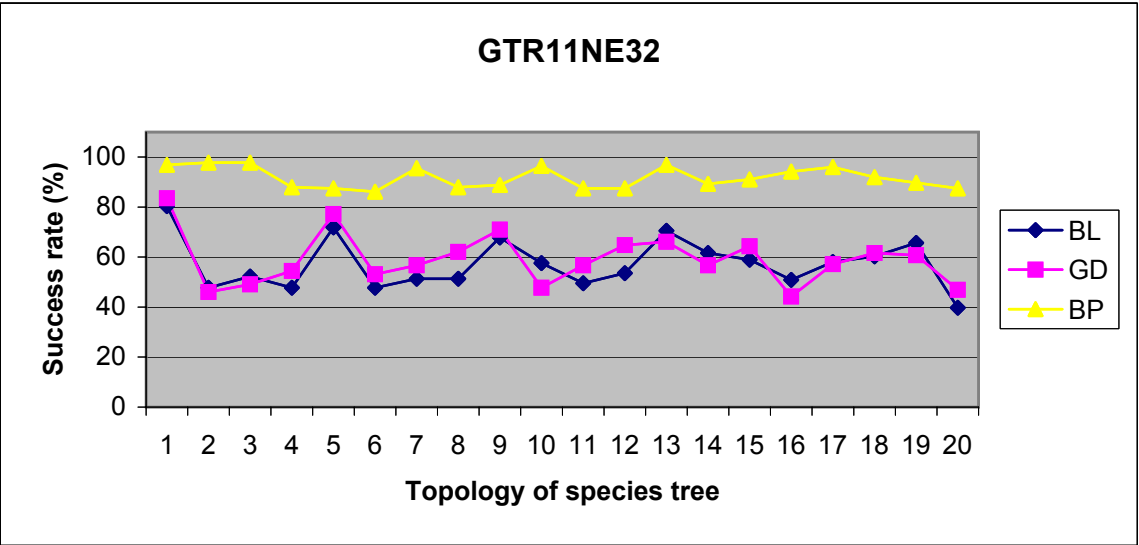
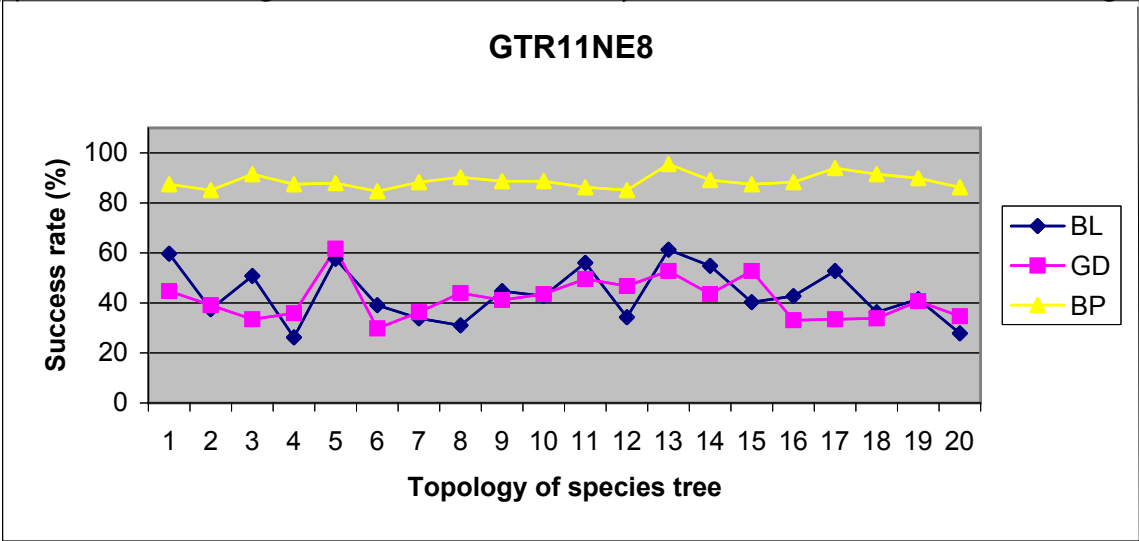
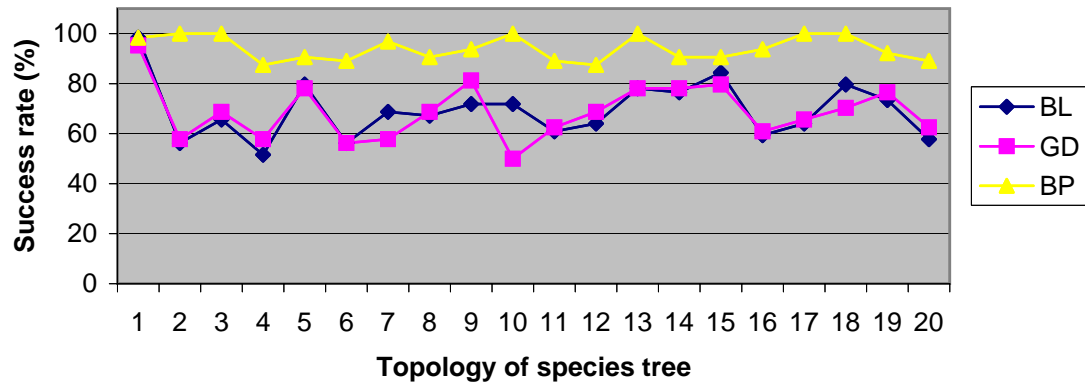


Appendix III Success rates of species identification of BL, GD and BP on different species tree topologies.

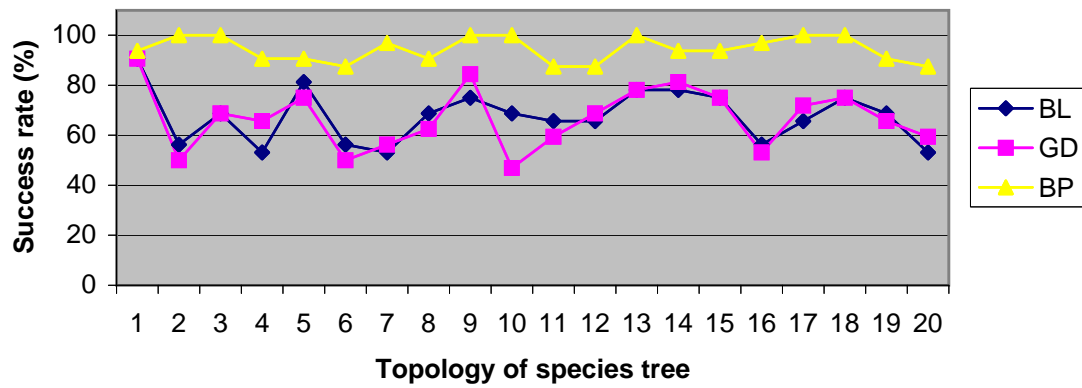
BL-BLAST, GD-genetic distance method, BP- BP-based method. The first four letters indicates different evolutionary models: GTR1 and GTR2 in the title; after these four letters, there are three or four letters which indicate the depth of species tree (1 Ne or 10 Ne) ; the last a few letters after “NE” represent the number of reference sequences, such as 8 or 224. The topology of each species tree could be found in Appendix I. The average success rates over twenty simulations were summarized in Figure. 3.



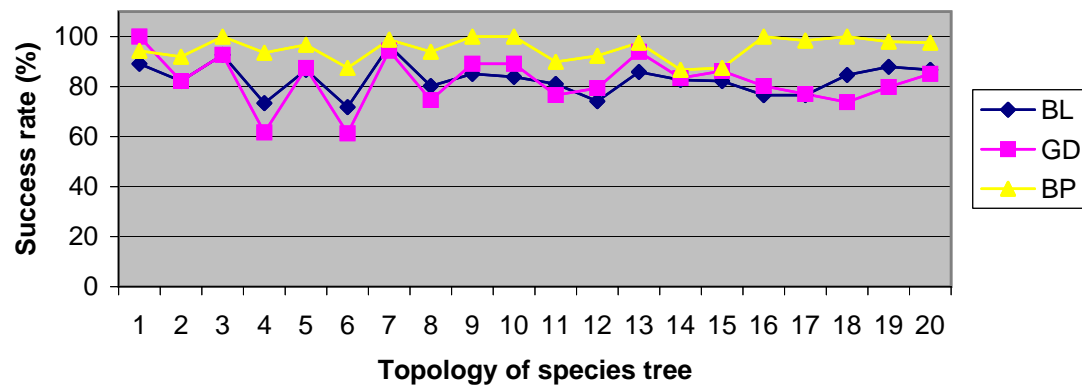
GTR11NE192



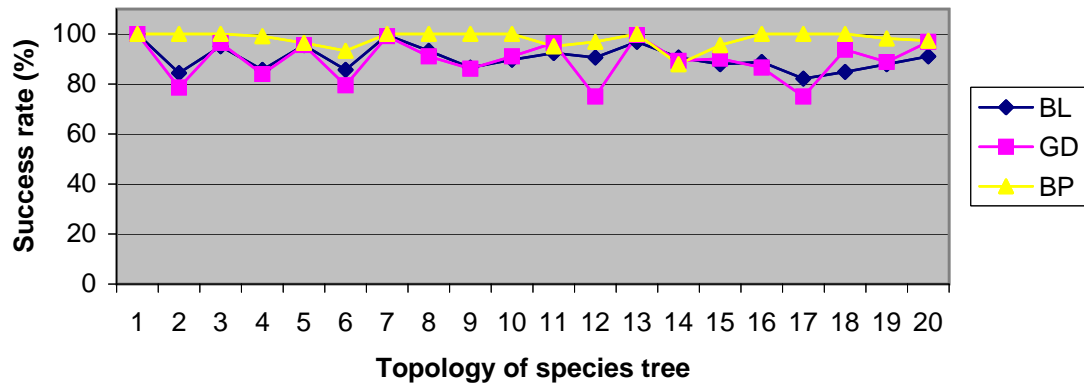
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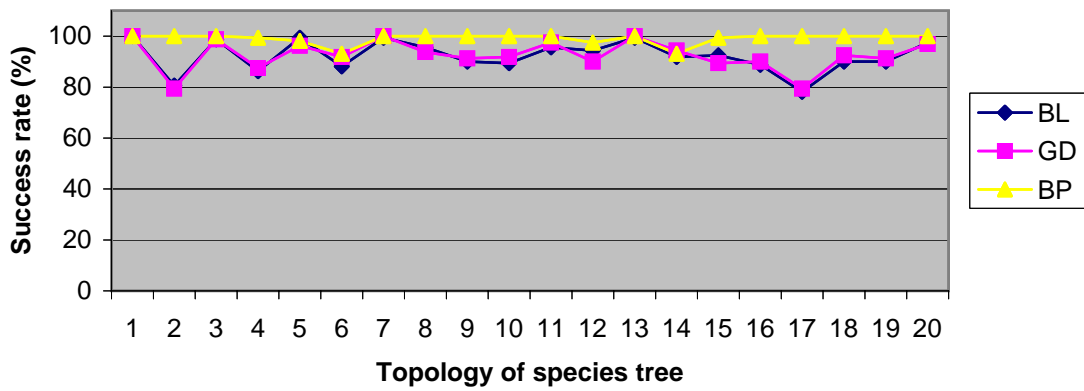
GTR110NE8



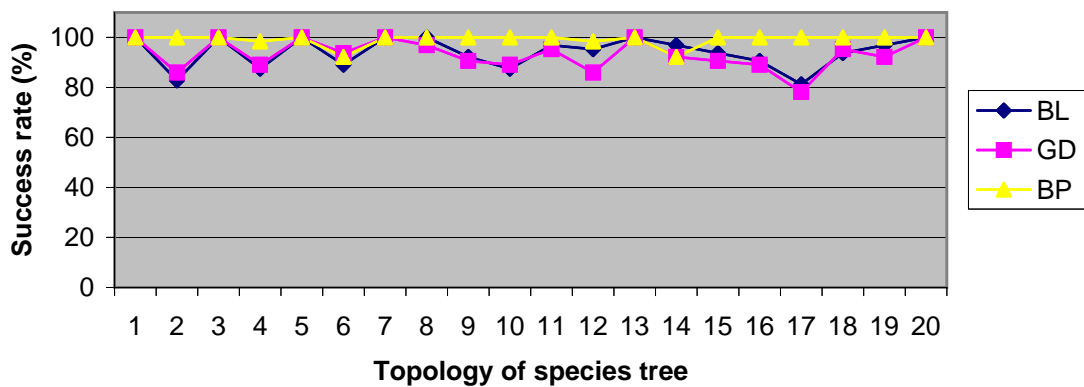
GTR110NE32



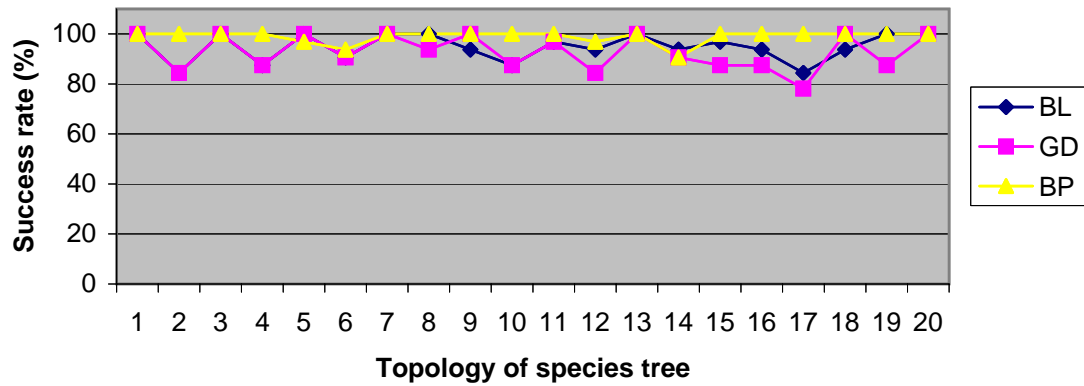
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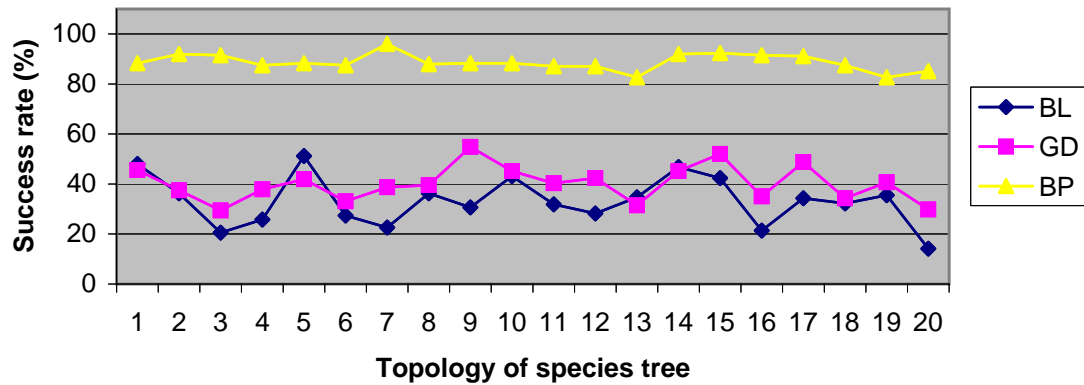
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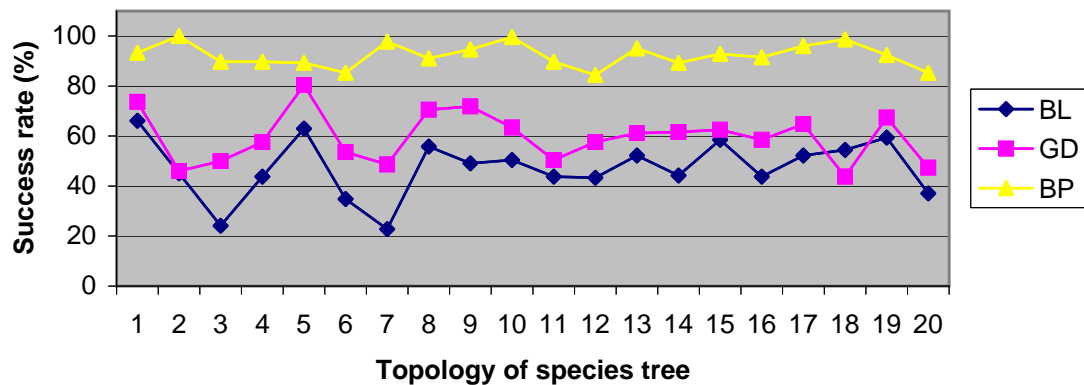
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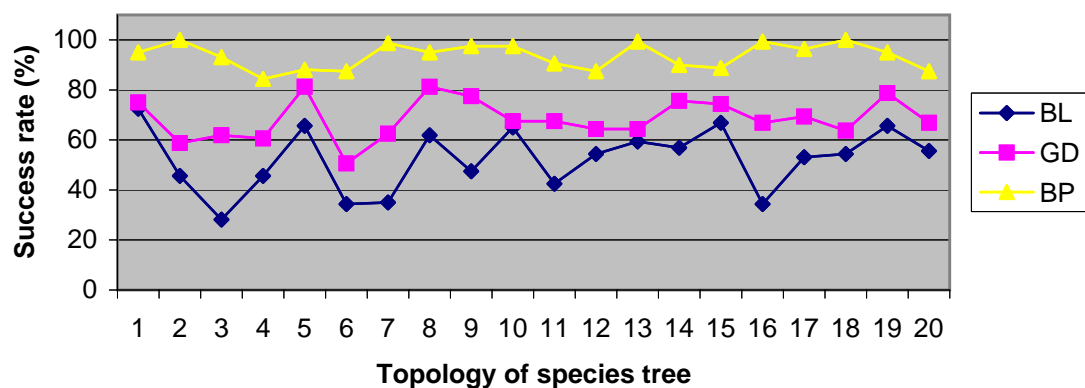
GTR21NE8



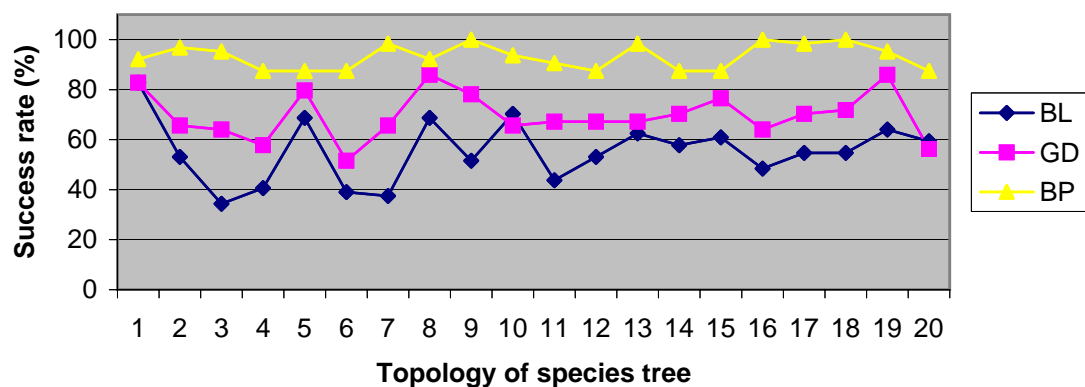
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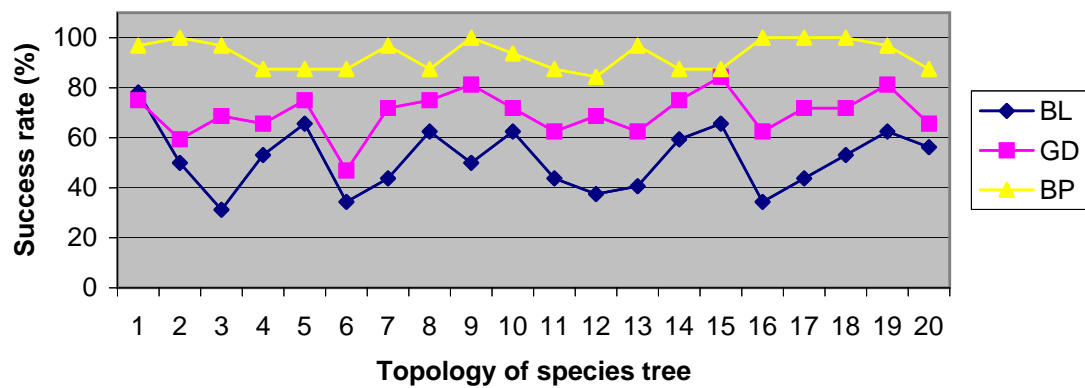
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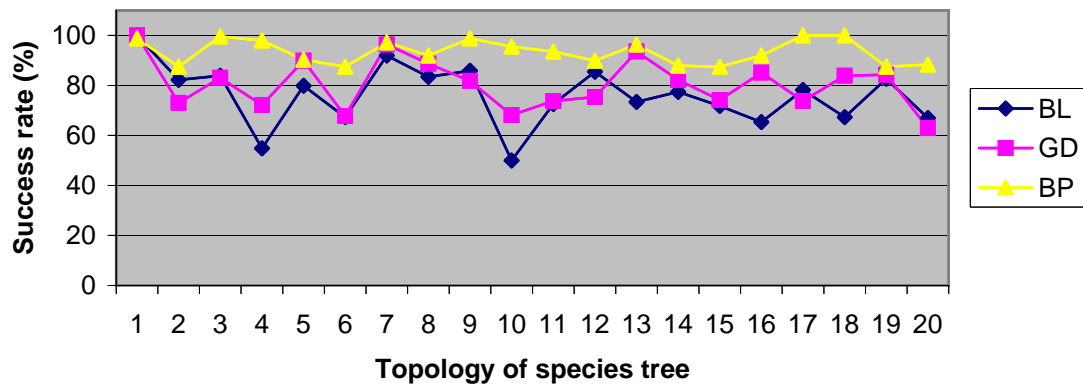
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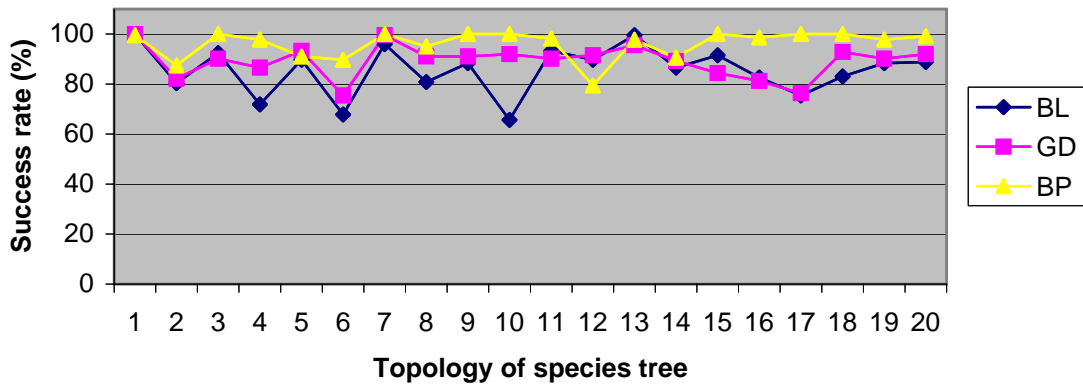
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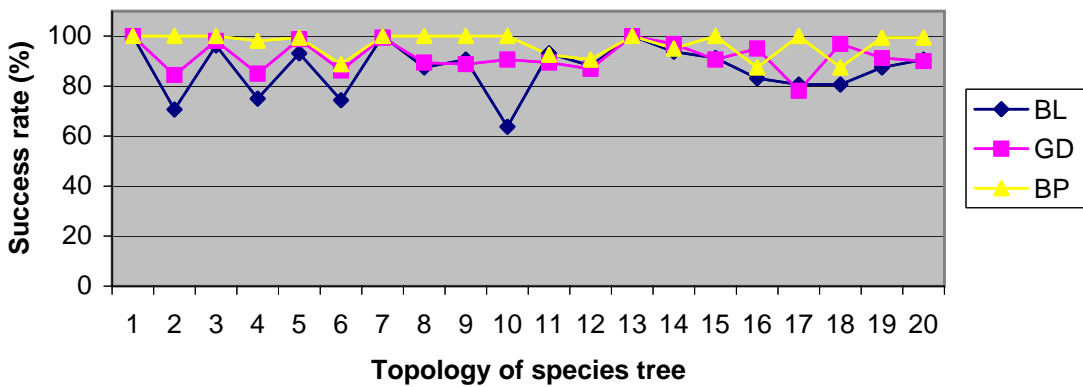
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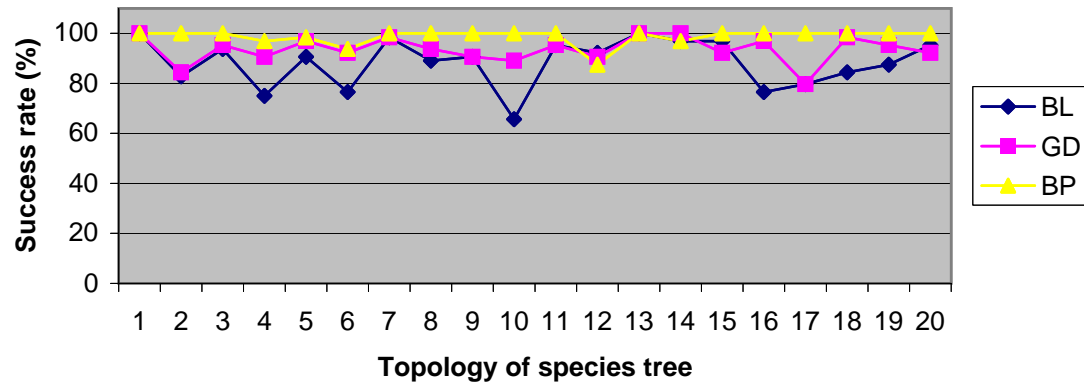
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GTR210NE96



GTR210NE192



GTR210NE224

