

Figure A1. Nitrilase phylogeny inferred using Maximum-likelihood method. The results of a ML-bootstrap analysis are shown in black, whereas the values in blue and purple are from neighbour-joining and maximum parsimony bootstrap analysis respectively. Plants are shown in green, yeasts in brown and pseudomonads in pink boxes.

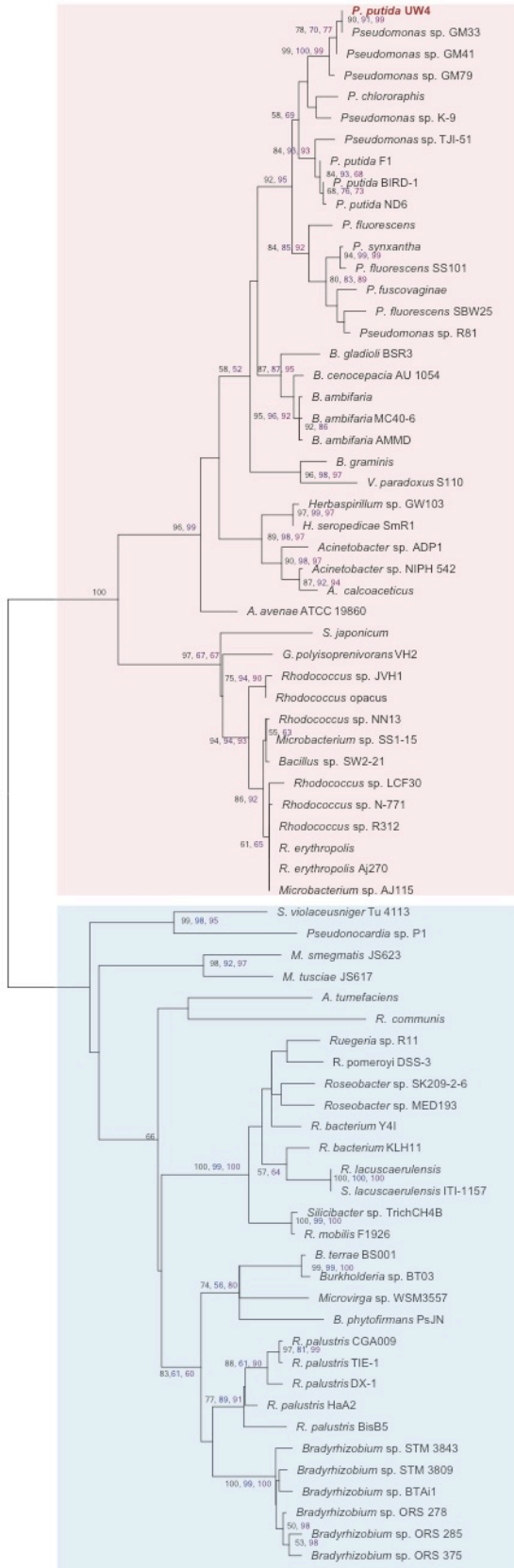


Figure A2. Nitrile hydratase α -subunit phylogeny inferred using ML method. The results of a ML-bootstrap analysis are shown in black, whereas the values in blue and purple are from neighbour-joining and maximum parsimony bootstrap analysis respectively. Iron-type nitrile hydratases are shown in red and cobalt-type in blue boxes

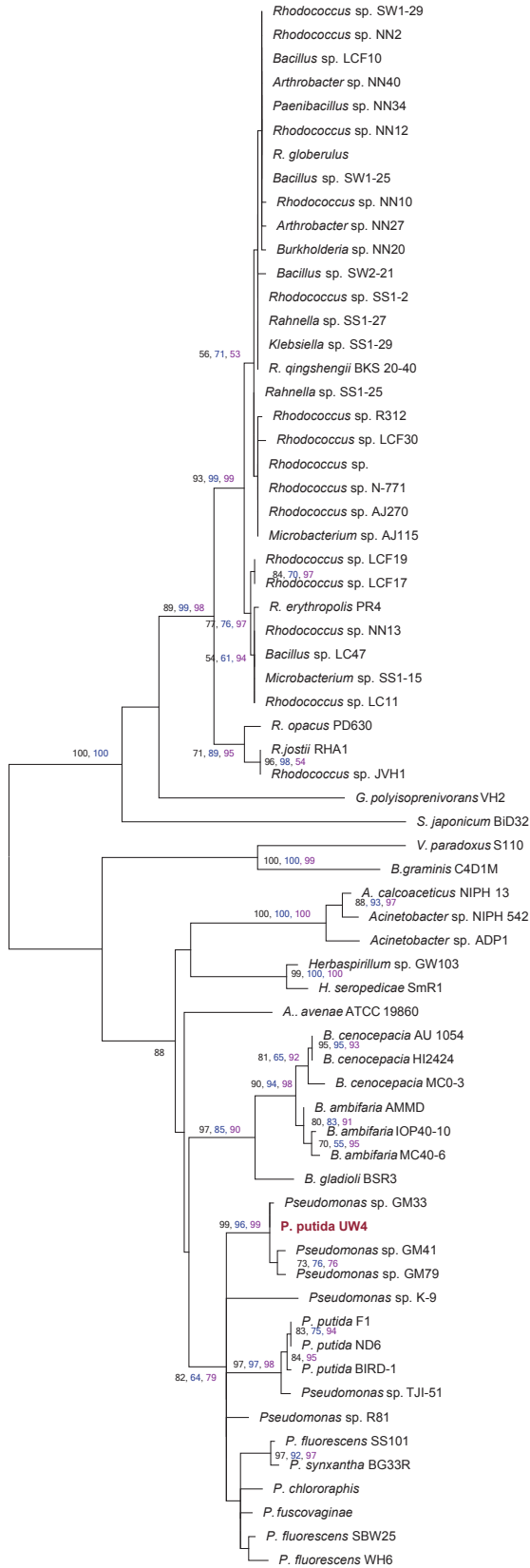
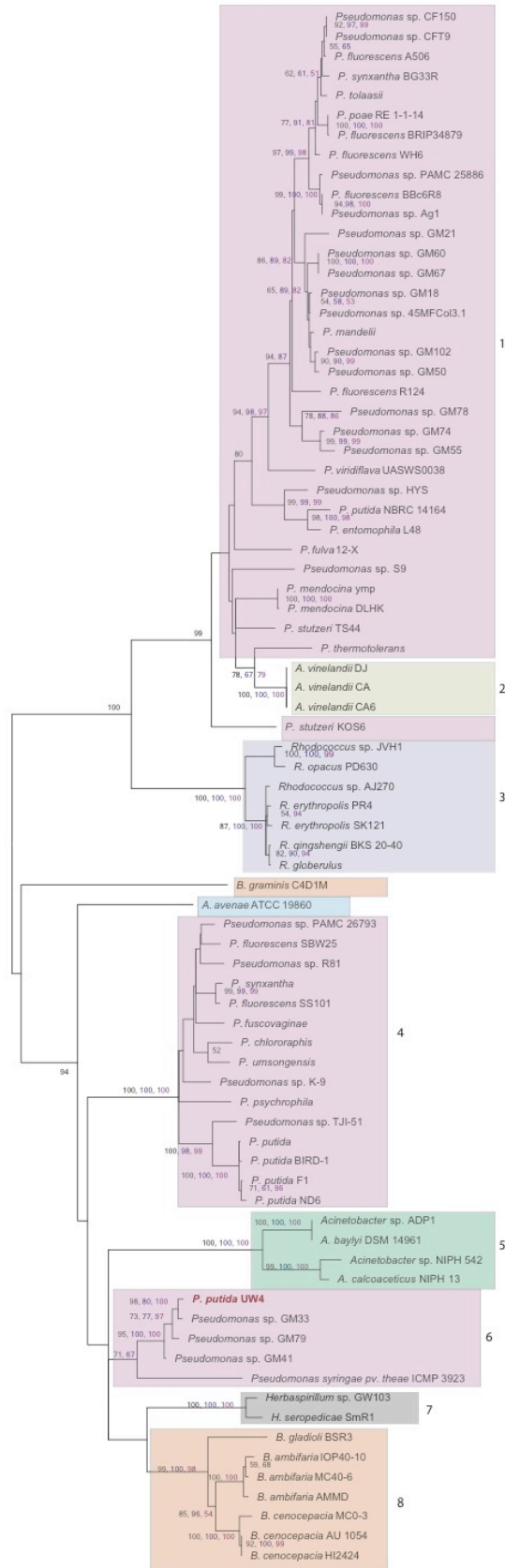


Figure A3. Nitrile hydratase β -subunit phylogeny inferred using ML method. The results of a ML-bootstrap analysis are shown in black, whereas the values in blue and purple are from neighbour-joining and maximum parsimony bootstrap analysis respectively.



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Figure A4. P47K activator protein phylogeny inferred using the ML method. The results of a ML-bootstrap analysis are shown in black, whereas the values in blue and purple are from neighbor-joining and maximum parsimony bootstrap analysis respectively. Each bacterial species is represented by a different coloured box and clusters are numbered.