## **Original article:**

## MICROBIOLOGICAL AND VIRULENCE ASPECTS OF *RHODOTORULA MUCILAGINOSA*

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<ul> <li>K N 10400.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 10492.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>NR 073205.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 10492.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>A F444449.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 10492.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 10492.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 104758.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 104758.1 Roboticum spherocapa CBS 5930 IIS region from TYPE material</li> <li>KV 104717.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum spherocapa CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>KV 104721.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5931 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5930 IIS region from TYPE material</li> <li>NR 073291.1 Roboticum sphero capace CBS 5930 IIS region fr</li></ul>		KV10406.1 Rhodotorula sphareocarpa culture CBS:12052
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<ul> <li>A F444931 Rhodotrala paladigma strain CB5 6567</li> <li>KY104751. Rhodotrala paladigma culture CB5.7193</li> <li>FX 073221. Rhodotrala aplaticity culture CB5.7293</li> <li>FX 07327.1 Rhodotrala matrix culture CB5.7297</li> <li>KY104751. Rhodotrala matrix culture CB5.7293</li> <li>FX 07327.1 Rhodotrala matrix culture CB5.7397</li> <li>KY10477.1 Rhodotrala habiyase culture CB5.7407</li> <li>KY10477.1 Rhodotrala habiyase CB5.7407</li> <li>KY1</li></ul>	94	
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<ul> <li><sup>49</sup> KY10477.1 Rbodotrula aruscuiae culture CBS.7977</li> <li><sup>40</sup> KY104776.1 Rbodotrula katatochilovae culture CBS.332</li> <li><sup>40</sup> KY104776.1 Rbodotrula babjevae culture CBS.7809</li> <li><sup>40</sup> KY10472.1 Rbodotrula babjevae culture CBS.7809</li> <li><sup>40</sup> KY10472.3 Rbodotrula babjevae CBS 7808 ITS region from TYPE material</li> <li><sup>40</sup> NR 077096.1 Rbodotrula babjevae CBS 7808 ITS region from TYPE material</li> <li><sup>40</sup> NR 073294.1 Rbodotrula glutinis train LEMI 150 185 ribosomal RNA gene partial sequence internal transcribed spacer 1 5.85 ribosomal RNA gene and internal transcribed spacer 2 complete sequence and 2a</li> <li><sup>41</sup> XY10477.1 Rbodotrula distribution culture CBS.11064</li> <li><sup>42</sup> KY10477.1 Rbodotrula distribution culture CBS.11078</li> <li><sup>45</sup> KY10477.1 Rbodotrula distributione CBS.11078</li> </ul>		
<ul> <li>KY104786.1 Rhodotorala kratochvilovae culture CBS:332</li> <li>KY104724.1 Rhodotorala kutatochvilovae culture CBS:347</li> <li>KY104723.1 Rhodotorala kutatochvilovae culture CBS:469</li> <li>KY104723.1 Rhodotorala kutatochvilovae CBS:7099</li> <li>KY104723.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>NR 073241.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>NR 073273.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>KY104723.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>NR 073273.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>KY104723.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>NR 073273.1 Rhodotorala kutatochvilovae CBS:7097</li> <li>NR 7104774.1 Rhodotorala dobovata culture CBS:11074</li> <li>KY104771.1 Rhodotorala dobovata culture CBS:11074</li> <li>KY104771.1 Rhodotorala dobovata culture CBS:11074</li> <li>KY104773.1 Rhodotorala dobovata culture CBS:11074</li> <li>KY104773.1 Rhodotorala dobovata culture CBS:11076</li> </ul>		
<ul> <li>KY104722.1 Rhodstorda babijevae culture CBS:7809</li> <li>KY104722.1 Rhodstorda babijevae culture CBS:7809</li> <li>KY104723.1 Rhodstorda babijevae CBS:7801 Strepton from TYPE material NR 070324.1 Rhodstorda ghtnini: CBS 2015 region from TYPE material NR 07324.1 Rhodstorda ghtnini: CBS 2015 Torgin from TYPE material NR 07324.1 Rhodstorda ghtnini: CBS 2015 Torgin from TYPE material NR 07324.1 Rhodstorda ghtnini: Strain LEM1 150 185 Rhoomal RNA gene partial sequence internal transcribed spacer 1 5.85 Rhoomal RNA gene and internal transcribed spacer 2 complete sequence and 2a XS12672.1 Rhodstorda ghtnini: strain LEM1 150 185 Rhoomal RNA gene partial sequence internal transcribed spacer 1 5.85 Rhoomal RNA gene and internal transcribed spacer 2 complete sequence and 2a XS12672.1 Rhodstorda disburst culture CBS.1064</li> <li>KY10477.1 Rhodstorda disbovata culture CBS.11078</li> <li>KY10477.1 Rhodstorda disbovata culture CBS.11078</li> </ul>	1	
<ul> <li>KY104723.1 Rhodotorala babjevae cilkare CBS.9071</li> <li>KY104723.1 Rhodotorala babjevae CBS 7080 ITS region from TYPE material</li> <li>NR 073241.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073241.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 2015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 1015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 1015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 1015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala plutines trainal CBS 1015 region from TYPE material</li> <li>NR 073273.1 Rhodotorala dibovata culture CBS:11074</li> <li>KY104771.1 Rhodotorala dibovata culture CBS:11078</li> <li>KY104771.1 Rhodotorala dibovata culture CBS:11078</li> </ul>		KY104724.1 Rhodotorula babjevae culture CBS:347
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<ul> <li>NR 073273.1 Rhodotorula graninis CBS 2826 ITS region from TYPE material</li> <li>NS 073273.1 Rhodotorula giuninis CBS 2826 ITS region from TYPE material</li> <li>NS 073273.1 Rhodotorula giuninis CBS 2826 ITS region from TYPE material</li> <li>Sequence internal transcribed spacer 1 5.8S ribosomal RNA gene and internal transcribed spacer 2 complete sequence and 2a</li> <li>NS12672.1 Rhodotorula diobovata culture CBS.11064</li> <li>KY104774.1 Rhodotorula diobovata culture CBS.11074</li> <li>KY104773.1 Rhodotorula diobovata culture CBS.11074</li> <li>NS12673.1 Rhodotorula diobovata culture CBS.11078</li> </ul>		
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**Supplementary Figure 1:** Phylogenetic analysis of *Rhodotorula mucilaginosa*, based on ITS sequences constructed with Maximum likelihood, based on the Tamura-Nei model + Gamma distribution (T92+G) implemented in MEGA v.7. Bootstrap support was calculated from 1000 replicates. (T) = type strain of the species. Bootstrap values > 80 % were considered statistically significant.