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First report of "Candidatus Liberibacter solanacearum" associated with psyllidaffected carrots in Sweden

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of "*Ca.* L. solanacearum" previously amplified from carrot (GU373048 and GU373049) and *T. apicalis* (GU477254 and GU477255) from Finland (2,3). The rplJ/rplL consensus sequences from carrot (GenBank Accession No. JN863093) and *T. apicalis* (GenBank Accession No. JN863093) and *T. apicalis* (GenBank Accession No. JN863094) were 99% identical to the sequences of rplJ/rplL "*Ca.* L. solanacearum" ribosomal protein gene from carrots in Finland (GU373050 and GU373051). To our knowledge, this is the first report of "*Ca.* L. solanacearum" associated with carrot and *T. apicalis* in Sweden. The disease associated with this bacterium caused millions of dollars in losses to potato and several other solanaceous crops in North and Central America and New Zealand (1). This plant pathogen is also associated with significant economic damage to carrot crops observed in Finland (2,3).

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Supplemental Material

Carrots exhibiting symptoms associated with the psyllid *Trioza apicalis* and the bacterium "*Candidatus* Liberibacter solanacearum": leaf curling and discoloration (left), leaf curling only (center), and healthy carrots (right).

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