		- (B)(B) (A) (ManA)-	N-acetylmuramic acid 6-ghosphate effective man O 100 rinth 1	Protein-synaine phosphatase	Glucosamine-Prodose 6-phosphate aminotax-derane	D-3-phosphoglycarate delrystropes law Hypothetical potein	Glacosamine N-certificitions 6-phosphate 6	Fructice-Uphnosphate L-dresonine 3-det-ydrogenase	Galactics F-phosphate Galactics F-phosphate Galactics F-phosphate Galactics F-phosphate Galactics F-phosphate	L-dimensine Transcriptional 3-dehydrogenase DC(HA)	Transcriptional explaints D-l-phosphoglycense (explaints - D-l-pho	Cyclohexadenyl Papidase distydrogetase Hypothetical protein M20 family	L-softone 1-phosphale (reductions)
	wkB1	+	+	+	+								+
Bombus	P54G	+	+	+	+								+
	wkB7	+	+	+	+		+						+
	M6-3G	+	+	+	+	+	+	+					
	M1-2G		+	+	+	+	+	+					
	P62G		+	+	+	+	+	+					
	P83G		+	+	+	+	+	+					
	wkB308		+		+		+						
	wkB292		+	+	+	+	+						
	wkB72		+	+	+	+							+
	wkB195		+	+	+	+							+
	wkB112		+						+				+
	wkB178		+									+	
	wkB108		+	+	+	+				+	+		
	wkB171		<u> </u>	+	+	+	+						
	Gris1-4	+	† †		+	†	+						
	Imp1-6	+	† †		+	+	+						
	Imp1-1		† †										
	Choc5-1 GillExp13			_		T I							T
	App6-5		[т .		т							
	Occ4-3		l :										
	Bif1-4												
	Bim1-2		+										

Fig. S1 The presence ("+") of 11 mannose-family phosphotransferase systems with Enzyme IID domains in *G. apicola* strains. These PTS may also function in the transport of sugars other than mannose, such as glucose, sorbose, fructose, and N-acetylglucosamine.