

Table S1. Subcellular location prediction of *E. gracilis* metabolic pathway components using WoLF PSORT and TargetP1.1

Pathway	Enzyme name	EC number	EG transcript	WoLF PSORT Plant		WoLF PSORT Animal				WoLF PSORT Fungi			TargetP plant	TargetP nonplant	TargetP, signal cut
Glycolysis	Hexokinase	2.7.1.1	26449	Chl: 10		Sec: 13	Mt: 9			Mt: 17			Mt: 2	Mt: 2	
			31789			Cyt: 20.5	Cyt_Nu: 13			Cyt: 11.5	Mt: 9	Cyt_Nu: 7.5	Cyt: 3	Cyt: 5	
	Glucokinase	2.7.1.2	8623			Mt: 9.5	PM: 9	Mt_Per: 9		Cyt: 14	Mt: 8		Cyt: 3	Cyt: 2	
			22400	Chl: 10		Cyt: 11.5	Cyt_Nu: 10	Mt: 9		Cyt: 14.5	Cyt_Nu: 10		Cyt: 5	Cyt: 2	
	Fructokinase	2.7.1.4	15309	Cyt: 10		PM: 23				Cyt: 18.5	Cyt_Nu: 10		Cyt: 4	Cyt: 3	
			19345	Cyt: 8		PM: 12	Sec: 8			Cyt: 17			Sec: 2	Sec: 4	Cyt: 4
			13564	Chl: 11		Mt: 20				Mt: 13	Cyt: 7	Sec: 7	Mt: 1	Mt: 2	
			14390	Cyt: 10		Sec: 20	PM: 5			Cyt: 24			Cyt: 5	Cyt: 4	
	Phosphoglucosomerase	5.3.1.9	5108	Per: 13		Cyt: 15	Cyt_Mt: 10	Nu: 7		Per: 19			Cyt: 2	Cyt: 1	
			17737	Mt: 9.5	Chl_Mt: 6.5	Cyt: 16	Cyt_Nu: 11.5	Mt: 8		Cyt: 8.5	Mt: 8	Cyt_Nu: 7	Cyt: 5	Cyt: 4	
			8453	Cyt: 9		Cyt: 17				Cyt: 13	Per: 6		Cyt: 2	Cyt: 2	
			19460	Cyt: 9.5		Cyt: 11.5	Cyt_Nu: 10.5	Mt: 9		Sec: 20			Sec: 5	Cyt: 4	
	Phosphofructokinase	2.7.1.11	6957			Cyt: 15.5	Cyt_Nu: 13	Nu: 9.5		Cyt: 16	Cyt_Nu: 13	Nu: 6	Cyt: 2	Cyt: 1	
			6970			Cyt: 14	Nu: 11			Cyt: 17	Cyt_Nu: 11		Cyt: 1	Cyt: 2	
			12862			Nu: 10	Cyt_Nu: 9.5	PM: 7	Cyt: 7	Cyt: 8	Mt: 6	PM: 6	Cyt: 5	Cyt: 4	

			7619	Cyt: 9		Cyt: 12	Nu: 8	PM: 6		Cyt: 17	Cyt_Nu: 12.5	Nu: 6	Cyt: 2	Cyt: 1		
			7325	Cyt: 8		Cyt: 15.5	Cyt_P M: 9	Mt_Per: 6		Cyt: 13	Cyt_Nu: 8	Mt: 7	Cyt: 3	Cyt: 2		
			1546	Cyt: 6		Cyt: 15	Nu: 8			Cyt: 12	Mt: 10		Cyt: 3	Cyt: 4		
	Diphosphate-fructose-6-phosphate 1-phosphotransferase	2.7.1.90	7325	Cyt: 8		Cyt: 15.5	Cyt_P M: 9	Mt_Per: 6					Cyt: 2	Cyt: 3		
			12862			Nu: 10	Cyt_Nu: 9.5	P M: 7	Cyt: 7	Mt : 6	Cyt: 13	Cyt_Nu: 8	Mt: 7	Cyt: 4	Cyt: 5	
			6970			Cyt: 14	Nu: 11			Cyt: 8	Mt: 6	PM: 6	Cyt: 2	Cyt: 1		
	Fructose-bisphosphate aldolase	4.1.2.13	15855	Cyt: 8		Nu: 12.5	Cyt_N u: 10.5	Cyt: 7.5		Cyt: 16	Mt: 6		Cyt: 4	Cyt: 2		
			7827	Chl: 12		E.R.: 16			Sec: 15			Chl: 5	Sec: 4			
			5279	Chl: 14		Mt: 17	E.R._ Mt: 10.5	Per: 6		Mt: 15	Cyt: 6		Mt: 4	Mt: 3		
			25832	Mt: 8.5	Chl_Mt: 7.5	Mt: 16	Cyt: 14			Mt: 24.5	Cyt_Mt: 14		Mt: 2	Mt: 4		
	Triosephosphate isomerase	5.3.1.1	14120	Chl: 13		Mt: 21	Cyt: 8			Mt: 18			Mt: 5	Mt: 2		
			18179	Cyt: 10		Cyt: 24.5	Cyt_N u: 14			Cyt: 20	cysk: 6		Cyt: 2	Cyt: 2		
			30563	Cyt: 7		Cyt: 15.5	Cyt_N u: 15.5	Nu: 6.5		Mt: 16	Cyt: 7.5	Cyt_Nu: 5.5	Cyt: 1	Cyt: 1		
			44253			Cyt: 11	Cyt_Nu: 11	Sec: 8	Mt: 8	Mt: 22			Cyt: 3	Cyt: 3		
			30456	Chl: 14		Mt: 24					Mt: 15	Sec: 9		Chl: 3	Mt: 5	

	Glyceraldehyde 3-phosphate dehydrogenase	1.2.1.12	16406	Cyt: 13		Cyt: 28			Cyt: 27			Cyt: 5	Sec: 5	
			12332	Per: 9		Cyt: 18.5	Cyt_Nu: 14	Nu: 8.5	Per: 16	Cyt: 9	Cyt_Nu: 6	Cyt: 1	Cyt: 2	
			8042			E.R.: 16.5	E.R._Mt: 11	Sec: 9	Per: 13	Cyt: 7		Sec: 4	Sec: 4	Chl 5
	Phosphoglycerate kinase/ phosphoglycerate mutase	2.7.2.3/ 5.4.2.1	10778	Cyt: 8		Cyt: 21.5	Cyt_Nu: 13		Cyt: 18	Mt: 8		Cyt: 1	Cyt: 2	
			12260	Cyt: 9		Cyt: 20	Cyt_Nu: 16.3	Cyt_Per: 11.6	Nu: 7.5	Cyt: 20.5	Cyt_Nu: 12.5		Cyt: 2	Cyt: 1
			12119	Cyt: 10		Cyt: 21	Cyt_Nu: 17	Nu: 9	Cyt: 25			Cyt: 3	Cyt: 1	
			32014	Chl: 11		Mt: 18	Sec: 10		Mt: 13	Cyt: 6		Sec: 5	Mt	Cyt: 5
	Enolase	4.2.1.11	7256	Chl: 14		Sec: 9			Sec: 12	Mt: 8	Cyt: 6	Mt: 4	Sec: 3	
			12376	Cyt: 6		Cyt: 25.5	Cyt_Nu: 15.5		Cyt: 24.5	Cyt_Nu: 13.833	Cyt_Per: 13.666	Cyt: 4	Cyt: 1	
			6665	Cyt: 7		Cyt: 20.5	Cyt_Nu: 12		Cyt: 20.5	Cyt_Nu: 12		Cyt: 3	Cyt: 2	
	Pyruvate kinase	2.7.1.40	7941	Cyt: 9		Cyt: 15.5	Cyt_Nu: 11	Nu: 5.5	Cyt: 14	Mt: 10		Cyt: 3	Cyt: 3	
			6211	Chl: 9		Mt: 15	Sec: 6		Mt: 16	Cyt: 7		Mt: 2	Mt: 4	
			2957			Cyt: 23	Cyt_Nu: 16.8	Cyt_plas: 13.1667	Cyt: 15.5	Cyt_Nu: 11.5	Nu: 6.5	Cyt: 2	Cyt: 2	
			6124	Chl: 5		Cyt: 12.5	Cyt_Nu: 10	Nu: 6.5	Cyt: 18.5	Cyt_Nu: 10	Mt: 8	Cyt: 4	Cyt: 4	
	Pyruvate dehydrogenase (NADP ⁺)	1.2.1.51	9827	Cyt: 9		Mt: 14	Cyt: 11.5	Cyt_Nu: 11.5	Nu: 6.5	Mt: 15.5	Cyt_Mt: 13	Cyt: 9.5	Mt: 2	Mt: 4

			8975	Mt: 11.5	Chl_Mt: 7	Mt: 22.5	Cyt_Mt: 15	Cyt: 6.5	Mt: 26			Mt: 2	Mt: 4		
			14931	Per: 7		Mt: 14	Cyt: 11.5	Cyt_Nu: 8.5	Per: 14	Cyt: 9	Cyt_Nu: 6	Mt: 5	Cyt: 5		
			14495	Mt: 9		Mt: 21	Cyt: 8		Mt: 27			Mt: 1	Mt: 2		
	Dihydrolipoyl transacetylase	2.3.1.12	56241	Chl: 10		Mt: 21			Mt: 20.5	Cyt_Mt: 14	Cyt: 6.5	Mt: 3	Mt: 1		
	Dihydrolipoyl dehydrogenase	1.8.1.4	6933			Mt: 27.5	Cyt_Mt: 15		Mt: 20			Mt: 3	Mt: 1		
Gluconeogenesis	Phosphoenolpyruvate synthase	2.7.9.2	1653	Cyt: 8		Cyt: 16.5	Cyt_Nu: 14	Cyt_Mt: 10.2	Cyt_P M: 9.5	Cyt: 15.5	Cyt_Nu: 10.5		Cyt: 3	Cyt: 1	
	Phosphoenolpyruvate carboxykinase	4.1.1.32	535	Chl: 6		Cyt_Nu: 15.5	Nu: 15	Cyt: 12		Cyt: 13.5	Cyt_Per: 9.5		Cyt: 4	Cyt: 2	
			4483	Chl: 14		Mt: 19	Cyt_Mt: 11		Mt: 18			Mt: 4	Sec: 5		
			14414	Cyt: 6.5		Cyt: 22	Nu: 6		Cyt: 17.5	Cyt_Nu: 12.8	Cyt_Per: 10.7	Nu: 6	Cyt: 2	Cyt: 2	
	Fructose-1,6-bisphosphatase	3.1.3.11	8727	PM: 9		Sec: 10	Mt: 7	lyso: 7		PM: 8	Sec: 7	Mt: 6	Sec: 5	Sec: 3	Chl: 5
			15632	Cyt: 7		Cyt_Nu: 11.5	Cyt: 10	Nu: 7	Sec: 6	cysk: 14	Cyt: 6.5	Cyt_Nu: 6	Cyt: 4	Cyt: 2	
			7683	Chl: 13		Nu: 7				Sec: 19			Chl: 5	Cyt: 3	
			13690	Chl: 5		Sec: 7	E.R.: 6			Cyt: 16	Cyt_Nu: 10.5		Chl: 5	Cyt: 3	
			4570	Chl: 11		PM: 17				Sec: 10	Mt: 7		Cyt: 5	Sec: 5	
TCA cycle	Citrate synthase	4.1.3.7	10302	Per: 11		Cysk: 17	Cyt: 11		Per: 17	Cyt: 6		Cyt: 2	Cyt: 1		

			6849	Per: 12		Cyt: 15	Cyt_Nu: 12.5	Nu: 8	Per: 17	Cyt: 6		Cyt: 2	Cyt 1:	
			11595	Per: 7		Cyt: 13	Nu: 9		Per: 15			Cyt: 5	Cyt: 2	
			2898	Chl: 7	Mt: 6	Mt: 23.5	Mt_Per: 13		Mt: 23.5	Cyt_Mt: 13		Mt: 2	Mt: 2	
	Aconitase	4.2.1.3	2608	Cyt: 10		Cyt: 16.5	Cyt_Nu: 11		Cyt: 24			Cyt: 2	Cyt: 3	
			1951	Mt: 10		Nu: 15.5	Mt: 12	Cyt_Nu: 10	Mt: 24			Mt: 4	Mt: 1	
	Isocitrate dehydrogenase	1.1.1.41, 1.1.1.42	6875	Cyt: 7		Cyt: 17	Mt: 15		Cyt: 22.5	Cyt_Nu: 12		Cyt: 3	Cyt: 2	
			10115	Chl_Mt: 7.5	Mt: 7	Mt: 29	Cyt_Mt: 16.5		Mt: 22			Mt: 1	Mt: 1	
			10872	Mt: 10		Mt: 28			Mt: 26.5	Cyt_Mt: 14		Mt: 3	Mt: 4	
			10979			Mt: 24	Cyt_Mt: 15.3	Mt_Per: 12.8	Cyt: 5.5	Per: 15	Cyt: 7.5		Mt: 2	Mt: 2
	2-Oxoglutarate decarboxylase	4.1.1.71	121	Nu: 8	PM: 7	Nu: 8	PM: 7	Cyt: 7	Cyt: 12.5	Cyt_Nu: 7.5	Mt: 6	Cyt: 3	Cyt: 3	
	Succinic semialdehyde dehydrogenase	1.2.1.16	7552	Cyt: 24		Cyt: 24			Cyt: 22			Cyt: 2	Cyt: 1	
			5575	Mt: 28.5	Cyt_Mt: 16	Mt: 28.5	Cyt_Mt: 16		Mt: 22.5	Cyt_Mt: 14		Mt: 1	Mt: 2	
			3780	Mt: 10.5	Cyt_Mt: 10.3	Mt: 10.5	Cyt_Mt: 10.3	Cyt: 9	Mt: 16	Cyt: 7.5	Cyt_Nu: 5.5	Mt: 5	Mt: 4	
			5750	Mt: 27.5	Cyt_Mt: 16.5	Mt: 27.5	Cyt_Mt: 16.5		Mt: 25.5	Cyt_Mt: 14		Mt: 3	Mt: 2	
	Succinate dehydrogenase	1.3.5.1	7873	PM: 6		PM: 31			PM: 23			Cyt: 1	Cyt: 4	

	Fumarase	4.2.1.2	4764	Chl: 8		Mt: 27.5	Cyt_Mt: 17		Mt: 26			Mt: 1	Mt: 2	
	Malate dehydrogenase	1.1.1.37	12212	Cyt: 11		Cyt: 21	Cyt_Nu: 13.5	Mt: 7	Cyt: 15			Cyt: 4	Cyt: 3	
			15919	Cyt: 10		Mt: 16	Cyt: 10.5	Cyt_Nu: 6	Cyt: 10	Sec: 8	Mt: 7	Cyt: 5	Cyt: 5	
Dicarboxylic acid bypass	Malate dehydrogenase (NADP-specific oxaloacetate-decarboxylating)	1.1.1.40	8836	Nu: 6	Mt: 5	Mt: 17	Cyt: 8		Mt: 21			Mt: 2	Sec: 5	
			7652	Cyt: 9		PM: 9	Sec: 6	Cyt_Nu: 5.5	Cyt: 8.5	Cyt_Nu: 6.5	Cysk: 6	Cyt: 5	Cyt: 4	
	NAD-specific malate dehydrogenase	1.1.1.39	5925	Cyt: 8		Cyt_Nu: 12.5	Cyt: 12	Nu: 7	Mt: 10	Cyt: 6.5	Cyt_Nu: 5.5		Cyt: 3	Cyt: 1
			7652	Cyt: 9		PM: 9	Sec: 6	Cyt_Nu: 5.5	Cyt: 8.5	Cyt_Nu: 6.5	Cysk: 6	Cyt: 5	Cyt: 4	
	Phosphoenolpyruvate carboxylase	4.1.1.31	1597	Nu: 6		Cyt_Nu: 10.5	Nu: 10	Cyt: 9	Nu: 8	Cyt: 7	Cysk: 6	Cyt: 2	Sec: 5	
	Pyruvate carboxylase	6.4.1.1	12535	Cyt: 9		Mt: 20			Mt: 15	Cyt: 6.5	Cyt_Nu: 6	Cyt: 3	Cyt: 2	
			23270	Cyt: 8		Cyt: 19.5	Cyt_Nu: 12.5	Mt: 8	Cyt: 14.5	Mt: 11	Cyt_Nu: 8.5	Cyt: 5	Cyt: 3	
			724	Nu: 6		Cyt: 20.5	Cyt_Nu: 12		Cysk: 17	Cyt: 8.5	Cyt_Nu: 5.5	Cyt: 3	Cyt: 5	
			36271	Cyt: 9		Cyt_Nu: 14.5	Nu: 12.5	Cyt: 11.5	Cyt_Nu: 11	Cyt: 10	Nu: 8	Cyt: 2	Cyt: 5	
			97	Cyt: 8		Mt: 21			Mt: 26			Mt: 5	Mt: 2	

C2 metabolism	Alcohol dehydrogenase	1.1.1.1	13473	Cyt: 11		Sec: 14	Cyt: 11.5	Cyt_Nu: 9.5	Cyt: 27			Cyt: 1	Cyt: 2		
			21676	Per: 12		Cyt: 13.5	Sec: 11	Cyt_Nu: 10.5	Per: 18	Cyt: 7		Cyt: 1	Cyt: 2		
	Acetaldehyde dehydrogenase	1.2.1.10	8156	Chl: 7		Mt: 18.5	Cyt_Mt: 11	PM: 6	Mt: 14	Sec: 6		Mt: 1	Mt: 2		
	Acetyl-CoA synthetase	6.2.1.1	3254	PM: 8		PM: 16	E.R.: 7		PM: 14			Cyt: 3	Cyt: 4		
			4603	Cyt: 7	E.R.: 5	Cyt: 18.5	Cyt_Nu: 12.5	Nu: 5.5	Cyt: 18			Cyt: 3	Cyt: 2		
			9669	Cyt: 9		Cyt: 16	Cyt_Nu: 13	Nu: 8	PM: 16	Cyt: 7		Cyt: 2	Cyt: 1		
			3515	Pero: 10		PM: 10	Mt: 8	Per: 5.5	Cyt_Per: 5.2	Per: 16	Cyt: 7.5		Sec: 2	Cyt: 5	Cyt: 4
Glyoxylate	Isocitrate lyase	4.1.3.1	715	Chl: 7	Cyt: 6	Mt: 16.5	Mt_Per: 10	Nu: 7.5	Cyt_Nu: 6.5	Mt: 19.5	Cyt_Mt: 12.5		Mt: 1	Mt: 2	
	Malate synthase	2.3.3.9	729	Cyt: 11		Cyt_Nu: 14.2	Nu: 13	Cyt: 11	Cyt_PM: 7	Cyt: 14.5	Cyt_Nu: 10.5	Nu: 5.5	Cyt: 3	Cyt: 2	
			2530	Cyt: 12		Cyt: 16.5	Cyt_Nu: 10	Sec: 7	Cyt: 22	Cyt_Nu: 13		Cyt: 2	Cyt: 2		
Oxidative PPP	Glucose-6-phosphate 1-dehydrogenase	1.1.1.49	10052	Cyt: 7		Cyt_Nu: 17	Nu: 16	Cyt: 16	Nu: 8.5	Cyt_Nu: 8	Per: 7	Cyt: 2	Cyt: 2		
	6-Phosphogluconolactonase	3.1.1.31	4334	Mt: 9.5	Cyt_Mt: 5.5	Mt: 17	Cyt_Nu: 8.5	Cyt: 7.5	Mt: 14	Cyt: 7	Cyt_Nu: 6.833	Cyt: 5	Cyt: 5		
	6-Phosphogluconate dehydrogenase	1.1.1.44	7631			PM: 15			Cyt: 12.5	Cyt_Nu: 7.5		Sec: 3	Cyt: 4		

Nonoxidative PPP	Pentose-5-phosphate-3-epimerase	5.1.3.1	19182			Cyt: 10.5		Cyt_Nu: 9.5	Mt: 9		Sec: 12	Cyt: 6		Cyt: 4	Cyt: 3	
			23949	Chl: 5.5	Chl_Mt: 5.5	Mt: 18		Cyt: 12.5	Cyt_Nu: 7		Cyt: 18	Mt: 8		Cyt: 5	Mt: 4	
	Ribose 5-phosphate isomerase	5.3.1.6	15619			PM: 14.5	Cyt: 9.5	Sec: PM: 8	Cyt_Nu: 6.5	Cyt: 16	Cyt_Nu: 10.5		Cyt: 4	Cyt: 4		
			20009	Cyt: 12		Nu: 14.5		Cyt_Nu: 14.5	Cyt: 11.5		Mt: 14	Cyt: 10.5	Cyt_Nu: 6.5	Cyt: 5	Cyt: 5	
	Transketolase	2.2.1.1	2997	PM: 8.5	Cyt_plas : 5.5	E.R.: 19				PM: 7	Cyt: 5.5		Sec: 4	Cyt: 4	Cyt:5	
			3894	Chl: 7		PM: 8		Cyt: 7	Nu: 6		Cyt: 12.5	Mt: 11	Cyt_Nu: 7	Cyt: 4	Cyt: 4	
			4605	Cyt: 7		Cyt: 11.5	Cyt_Nu: 9	Sec: 6	Nu: 5.5	Cysk: 12	Cyt: 11.5	Cyt_Nu: 7	Cyt: 4	Cyt: 4		
	Transaldolase	2.2.1.2	13075	Cyt: 6		Nu: 16		Cyt: 11		Cyt: 19			Cyt: 3	Cyt: 2		
			8390	Chl: 8		Cyt: 18.5		Cyt_Nu: 11.5		Mt: 9	Cyt: 8.5	Cyt_Nu: 6.5	Cyt: 4	Cyt: 5		
	Glycolate	Glycolate dehydrogenase	1.1.99.14	8383	Per: 8		Mt: 25				Per: 15	Cyt: 8	Cyt_Nu: 5.5	Mt: 2	Mt: 3	
11827						Mt: 22				Mt: 16			Mt: 2	Mt: 2		
Paramylon synthesis	1,3-β-Glucan synthase	2.4.1.34	73	PM: 13		PM: 21		E.R.: 6		PM: 20			Sec: 5	Sec: 1	Cyt: 5	
			11758	PM: 8		PM: 15		Cyt: 5.5		PM: 19			Cyt: 2	Cyt: 1		
	Endo-1,3-β-glucanases	3.2.1.6	183	PM: 10.5	Golg_P M: 6.5	PM: 22		E.R.: 10		PM: 24			Sec: 5	Sec: 2	Chl: 2	

			2352	Chl: 14		Nu: 15.5	Cyt_Nu: 12	Cyt: 7.5	PM: 5.5	Mt: 14	Cyt: 7.5	Cyt_Nu: 5.5	Chl: 2	Cyt: 4	
	Glucan endo-1,3- β -glucanases	3.2.1.39	11364	PM: 6		Sec: 16	PM: 7	E.R.: 6		Sec: 12	PM: 10		Sec: 4	Sec: 1	Cyt: 4
			11498	Chl: 8		Nu: 19	Cyt: 6			Cyt: 15.5	Cyt_Nu: 10.5		Cyt: 3	Cyt: 2	
			3590	Chl: 11		Mt: 16.5	E.R. Mt: 9	Cyt_Nu: 5.7	Cyt_P er: 5.2	Cyt: 12	Sec: 12		Cyt: 4	Cyt: 2	
			6201	E.R.: 5		Cyt: 13	PM: 9			Mt: 10	Cyt: 9.5	Cyt_Nu: 6.5	Cyt: 2	Cyt: 2	
	Exo-1,3- β -glucanases	3.2.1.58	11628			Cyt: 12	Mt: 8.5	E. R.: 6	Mt_Per: 5.5	Mt: 6	Cyt: 6		Cyt: 2	Sec: 5	
			7060	E.R.: 6		PM: 25.5	Sec_P M: 13.5			PM: 15	Mt: 5		Cyt: 1	Cyt: 3	
Trehalose synthesis	Trehalose-phosphate synthase/ trehalose-phosphate phosphatase	2.4.1.15/ 3.1.3.12	2409	Cyt: 8		Cyt: 19.5	Cyt_Nu: 13	Sec: 6	Nu: 5.5	Cysk: 11	Cyt: 6		Chl: 5	Mt: 3	
	Trehalose synthase	2.4.1.245	8134	PM: 7		PM: 20				PM: 16			Cyt: 2	Cyt: 2	
			10436			PM: 23				Cyt: 13.5	Cyt_Nu: 11.5	Nu: 6.5	Cyt: 2	Cyt: 2	
			3686	Chl: 13		Mt: 24				Mt: 6	PM: 6	Sec: 6	Mt: 4	Cyt: 5	
Methionine synthesis	Cobalamin-dependent methionine synthase	2.1.1.13	3052	Cyt: 9		Cyt: 16.5	Cyt_Nu: 12	Nu: 6.5		Cyt_Mt: 13.5	Mt: 13	Cyt: 12	Cyt: 3	Cyt: 2	

			904			PM: 13	Cyt: 8		Cyt: 15.5	Cyt_Nu: 9.5		Cyt: 2	Cyt: 2	
			1784	Cyt: 8		Cyt: 17	Nu: 7		Cysk: 20	Cyt: 6		Cyt: 1	Cyt: 1	

Transcript numbers in bold indicate the presence of the splice leader sequence. PSORT score is the discriminant score, with larger scores having a higher probability. Scores below 5 are not reported. TargetP score is the reliability class is rated from 1 to 5 (1 is the strongest prediction and 5 is the weakest). Chl – Chloroplast (green); Cyt – Cytosol (grey); Cysk – Cytoskeleton; E. R. – Endoplasmic Reticulum (Blue); Lyso – Lysosome; Mt – Mitochondria (Orange); Nu – Nuclear; Per – Peroxisome; PM – Plasma Membrane (Yellow); Sec – Secreted or extra cellular (Blue). Strength of colour indicates score.