

Article title: QTL mapping of wood FT-IR chemotypes shows promise for improving biofuel potential in short rotation coppice willow (*Salix spp.*).

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Author names: Prashant Mohan-Anupama Pawar, Anna Schnürer, Ewa J. Mellerowicz, Ann Christin Rönnberg-Wästljung*

* Corresponding author: Swedish University of Agricultural Sciences, Department of Plant Biology, Uppsala BioCenter, Linnean Center of Plant Biology in Uppsala, POB 7080, SE-750 07 Uppsala, Sweden. E-mail: anki.wastljung@slu.se

Online resource 5. Biochemical methane production (BMP; Nml/gVS) of the different clones and time to reach 50, 80 and 100% of the BMP. Clones are a subset of the mapping population and parents (P).					
Clone	BMP (Nml/gVS)	Std (Nml/gVS)	Days to reach % of the final potential		
			50%	80%	100%
78183 (P)	155.6	8.7	10	23	42
Björn (P)	151.3	32.0	12	26	42
723	242.5	21.9	13	24	41
712	233.7	2.0	12	21	40
8715	224.5	56.9	14	26	43
639	224.4	15.8	12	24	43
713	223.1	28.2	13	24	42
678	221.9	7.6	12	22	40
645	214.5	29.3	14	26	41
719	213.2	10.8	14	25	41
665	208.9	24.1	12	22	40
671	201.1	16.2	10	20	40
8719	198.5	20.6	14	27	44
717	194.9	37.1	14	25	42
8724	189.1	12.8	13	24	41
614	181.3	8.5	13	24	43
638	173.5	19.2	13	24	43
721	168.2	30.7	14	26	41
315	162.5	22.7	17	27	44
545	157.9	6.3	13	22	41

608	157.7	16.0	15	24	44
558	156.4	10.6	16	24	43
518	152.6	9.5	14	22	39
489	151.1	5.4	15	22	44
627	150.6	10.8	16	29	43
377	147.9	22.9	19	28	44
304	145.8	24.1	17	26	44
561	144.5	9.7	15	22	44
8783	144.3	20.2	13	27	43
8781	144.2	29.3	12	25	43
8762	142.7	9.4	14	26	42
526	142.4	9.0	14	21	42
234	139.4	14.5	20	28	44
8772	135.3	13.0	10	20	39
370	129.1	23.4	21	30	44
266	128.5	17.1	20	28	44
488	126.4	10.8	16	23	44
540	124.7	5.5	16	23	44
475	124.4	2.8	14	21	39
443	123.0	6.7	17	25	44
8799	122.5	11.7	16	28	47
486	121.9	7.9	14	21	44
249	117.2	9.9	17	25	44
372	111.9	4.2	18	27	44
567	111.4	11.0	17	26	44
432	103.2	22.7	16	25	44
413	100.2	6.4	16	22	44
385	95.4	5.0	17	24	43
349	94.1	13.5	20	26	42

8778	87.3	8.5	7	22	41
418	83.7	16.3	15	22	44
476	80.5	13.9	17	28	44
421	77.0	21.4	16	25	44
410	43.1	9.9	16	23	31