

Additional File 2

Distribution of hydroxylated products of fatty acids by CYP102A1 variants^a

Variants	Lauric acid (C ₁₂)			Myristic acid (C ₁₄)			Palmitic acid (C ₁₆)		
	ω-1	ω-2	ω-3	ω-1	ω-2	ω-3	ω-1	ω-2	ω-3
CYP102A1.1	36	30	34	45	29	26	35	50	15
CYP102A1.2	42	30	28	39	31	30	38	48	14
CYP102A1.3	37	30	33	45	29	26	36	50	14
CYP102A1.4	37	29	34	42	31	27	38	48	14
CYP102A1.5	42	30	28	44	29	27	36	50	14
CYP102A1.6	42	30	28	41	31	28	38	48	14
CYP102A1.7	43	30	27	43	31	26	39	47	14
CYP102A1.8	42	30	28	42	31	27	38	48	14
CYP102A1.9	43	30	27	41	31	28	37	48	15

^aRegioselectivity of the hydroxylated products of fatty acids at positions ω-1, ω-2, and ω-3 was determined. Values are the means of three independent experiments. All standard deviations were less than 10% of the average.