

Table S1 Changes of fatty acids ($\mu\text{mol/ml}$) availability during fermentations of the strains ASAGF73 and ASAGF46 with various oils.

Strain	Oil	Time (d)	C16: 0	Cont.	C18:0	Cont.	C18:1	Cont.	C18:2	Cont.	C20:0	Cont.	Total Cont.
ASAGF73	Soybean	0	115.637 \pm 11.977	76.717	69.002 \pm 8.300	34.402	423.757 \pm 34.852	149.478	974.612 \pm 76.937	311.504	137.108 \pm 10.898	60.121	632.222
		7	38.920 \pm 3.380	(12.1%)	34.600 \pm 3.6170	(5.4%)	274.279 \pm 13.490	(23.6%)	663.108 \pm 30.384	(49.3%)	76.987 \pm 8.321	(9.6%)	
	Strawberry	0	101.718 \pm 14.189	75.826	-	-	572.694 \pm 60.671	381.12	553.755 \pm 53.125	301.78	-	-	758.726
		7	25.892 \pm 1.384	(10%)	-	-	191.574 \pm 13.741	(50.2%)	251.975 \pm 8.239	(39.8%)	-	-	
	Camellia	0	85.731 \pm 1.747	57.675	-	-	1183.358 \pm 193.664	719.731	249.136 \pm 2.662	129.933	-	-	907.339
		7	28.056 \pm 1.040	(6.3%)	-	-	463.327 \pm 22.496	(79.3%)	119.203 \pm 3.092	(14.3%)	-	-	
ASAGF46	Soybean	0	125.239 \pm 8.169	84.334	76.290 \pm 4.623	48.552	473.884 \pm 40.168	207.84	892.683 \pm 78.937	339.002	149.526 \pm 12.332	75.4	755.128
		7	40.905 \pm 3.9776	(11.2%)	27.738 \pm 3.937	(6.4%)	266.044 \pm 25.782	(27.5%)	553.681 \pm 66.545	(44.9%)	74.1275 \pm 5.349	(10.0%)	
	Strawberry	0	129.837 \pm 13.582	98.616	-	-	516.463 \pm 64.032	400.314	491.028 \pm 55.602	359.622	-	-	858.553
		7	31.221 \pm 2.324	(11.5%)	-	-	116.149 \pm 12.856	(46.6%)	131.406 \pm 15.387	(41.9%)	-	-	
	Camellia	0	85.343 \pm 5.797	64.288	-	-	1389.277 \pm 84.642	764.321	242.385 \pm 21.060	139.419	-	-	968.028
		7	21.055 \pm 1.811	(6.6%)	-	-	624.956 \pm 57.778	(79.0%)	102.966 \pm 8.368	(14.4%)	-	-	

Cont.: fatty acid consumption and the proportion in the total amount of consumption; -: not concerned; The GC analysis was repeated three times for each sample.

