

Table S1 Parental strains and segregants fermentation characteristics

Strains	Rmax	R50	R70	Fd	Cp	Nass
S288C	1.63 (0.03)	1.04 (0.02)	0.81 (0.02)	128 (4.8)	194.9 (3.6)	234 (7)
59A	2.94 (0.05)	2.33 (0.17)	1.49 (0.08)	66 (0.7)	113.2 (3.5)	343 (0)
1b	2.96 (0.3)	2.54 (0.5)	2.07 (NA)	65 (4.2)	131.8 (8.3)	343 (NA)
3a	1.65 (0.13)	1.59 (0.08)	1.44 (0.12)	88 (4.9)	175 (0)	244 (NA)
4c	2.87 (0.33)	2.59 (0.34)	2.08 (0.22)	61 (2.5)	116.5 (26.9)	342 (NA)
5a	1.96 (0.3)	1.69 (0.27)	1.44 (0.18)	82 (4.9)	162.2 (11)	326 (NA)
6b	2.59 (0.42)	2.06 (0.35)	1.54 (0.13)	71 (4.6)	255 (59.4)	342 (NA)
7a	2.1 (0.21)	1.55 (0.25)	1.17 (0.15)	98 (12)	172.9 (2.7)	294 (NA)
9a	1.98 (0.26)	1.78 (0.1)	1.45 (0.03)	84 (4.9)	92.7 (11.7)	260 (NA)
10b	2.12 (0.93)	1.53 (0.56)	1.24 (0.04)	90 (16.3)	246.3 (43.7)	339 (NA)
14a	1.68 (0.04)	1.6 (0.04)	1.4 (0.01)	100 (0)	102.3 (18.8)	238 (NA)
14b	2.79 (0.42)	2.67 (0.37)	2.05 (0.15)	65 (7.1)	242.6 (11.5)	342 (NA)
16a	1.75 (0.15)	1.34 (0.16)	1 (0.08)	104 (6.4)	145.4 (7.3)	249 (NA)
16b	2.15 (0.13)	1.42 (0.07)	1.06 (0.07)	89 (5.7)	135.9 (4)	328 (NA)
16c	2.94 (0.42)	2.5 (0.22)	1.81 (0)	64 (3.9)	192.9 (6.2)	330 (NA)
16d	1.6 (0.21)	1.27 (0.26)	1.25 (0.21)	94 (10.5)	123.3 (9.6)	271 (NA)
17a	2.17 (0.47)	2.04 (0.4)	1.79 (0.32)	69 (11)	120.8 (6)	341 (NA)
18b	2.33 (0.21)	2.12 (0.25)	1.26 (NA)	85 (0.4)	193.5 (37.5)	330 (NA)
18c	1.79 (0.17)	1.3 (0.1)	1.12 (0)	102 (5.3)	124.1 (10.6)	309 (NA)
19b	2.46 (0.23)	1.62 (0.15)	1.07 (0.06)	88 (2.1)	154.3 (1.5)	335 (NA)
19c	1.64 (0.05)	1.56 (0.04)	1.32 (0.01)	96 (1.1)	69 (13.8)	287 (NA)
20a	1.74 (0.06)	1.7 (0.08)	1.5 (0.12)	88 (0.7)	90.6 (NA)	308 (NA)
20b	1.56 (0.08)	1.48 (0.08)	1.19 (NA)	98 (5.7)	95.8 (4.5)	251 (NA)
22a	2.71 (0.54)	2.42 (0.4)	1.99 (0.27)	63 (2.8)	161.1 (29.8)	342 (NA)
22c	1.47 (0.18)	1.5 (0.41)	0.67 (0.09)	149 (8.5)	132.2 (17.3)	258 (NA)
22d	2.94 (0.34)	2.38 (0.38)	1.77 (0.17)	65 (4.2)	NaN (NA)	343 (NA)
23b	2.07 (0.25)	1.29 (0.3)	0.96 (0.14)	100 (5.7)	150.2 (12.9)	326 (NA)
24a	2.48 (0.48)	1.61 (0.69)	1.05 (0.15)	90 (9)	319.9 (37.6)	341 (NA)
25a	1.53 (0.18)	1.21 (0.09)	0.95 (0.18)	114 (23.3)	191.6 (NA)	241 (NA)
28b	2.34 (0.68)	2.31 (0.69)	1.99 (0.5)	80 (12)	148.6 (12.8)	316 (NA)
29c	1.21 (0.08)	0.86 (0.08)	0.7 (0.03)	144 (6.4)	134.4 (8.9)	276 (NA)
31b	2.15 (0.31)	2.1 (0.3)	1.85 (0.28)	80 (3.5)	108.8 (18)	328 (NA)

Standard deviation for each trait is indicated between parentheses.