

Table S1 The population of *S. cerevisiae* NCUF309.2 during the simulated fermentation of blueberry wine.

Note: n.d, undetected (different letters represented significantly different (p<0.05)).

day	population (×10 ⁷ CFU /mL)											
	CS				PS				WS			
	S	CS1	CS5	CS10	S	PS1	PS5	PS10	S	WS1	WS5	WS10
0	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a	0.01±0.00 ^a
1	0.20±0.09 ^b	3.33±1.15 ^a	4.33±1.53 ^a	0.67±0.58 ^b	0.20±0.09 ^b	3.67±1.53 ^a	4.67±1.53 ^a	1.00±0.00 ^b	0.20±0.09 ^d	5.67±1.53 ^b	19.00±1.00 ^a	3.00±1.73 ^c
2	3.00±0.26 ^b	44.33±5.03 ^a	5.67±0.58 ^b	3.00±1.00 ^b	3.00±0.26 ^c	6.33±1.15 ^b	11.00±1.00 ^a	1.67±0.58 ^c	3.00±0.26 ^c	15.67±2.52 ^b	31.67±6.03 ^a	6.00±1.73 ^c
3	7.63±1.00 ^b	38.00±6.56 ^a	10.00±2.65 ^b	4.33±1.15 ^b	7.63±1.00 ^c	17.67±2.52 ^a	12.33±2.08 ^b	4.33±1.53 ^c	7.63±1.00 ^c	15.33±2.52 ^b	37.33±6.51 ^a	10.67±1.53 ^{bc}
4	22.05±3.54 ^b	36.00±5.29 ^a	17.00±3.61 ^b	5.67±1.15 ^c	22.5±3.54 ^b	30.33±3.51 ^a	13.33±2.52 ^c	5.67±1.53 ^d	22.5±3.54 ^{ab}	20.67±3.06 ^b	28.67±5.69 ^a	9.00±2.00 ^c
5	26.67±1.53 ^a	15.00±2.65 ^c	21.00±4.00 ^b	7.33±1.53 ^d	26.67±1.53 ^a	25.33±1.53 ^a	9.00±3.00 ^b	7.67±1.15 ^b	26.67±1.53 ^a	17.00±2.00 ^b	22.67±3.79 ^a	9.67±3.06 ^c
6	34.33±4.51 ^a	16.33±2.52 ^b	14.67±3.51 ^b	15.33±3.06 ^b	34.33±4.51 ^a	28.67±6.81 ^a	7.33±3.51 ^b	13.33±2.52 ^b	34.33±4.51 ^a	12.67±4.16 ^c	23.33±5.13 ^b	17.00±2.65 ^{bc}
7	28.67±2.52 ^a	13±4.58 ^b	15.00±4.00 ^b	23.00±4.00 ^a	28.67±2.52 ^a	20.67±3.51 ^{ab}	7.67±2.52 ^c	20.00±7.00 ^b	28.67±2.52 ^a	13.33±2.08 ^c	18.00±4.36 ^{bc}	19.67±3.06 ^b