

表 1 7 轮诱变筛选的结果

Table 1 The results of seven rounds of mutation screening

菌株 Strains	20 mL 发酵液菌体平均干重 (g) Average dry weight of 20mL fermented mycelium (g)	OD 值 OD value	发酵液海藻糖平均含量 (mg/mL) Average concentration of trehalose in fermentation broth (mg/mL)	干菌体中海藻糖含量 (%) The rehalose contents of dry bacteria (%)	生产性能提高倍数 Increasing multiples of production performance
Y-7-1	0.081	0.224	0.274	6.77	
Y-7-2	0.074	0.416	0.508	14.11	2.06
Y-7-3*	0.075	0.604	0.737	19.73	2.87
Y-7-4	0.078	0.562	0.685	18.20	2.66
Y-7-5	0.076	0.653	0.796	20.15	2.98
Y-7-6	0.073	0.508	0.619	16.93	2.42
Y-7-7	0.091	0.730	0.890	19.67	2.86
Y-7-8	0.087	0.582	0.710	16.36	2.39
Y-7-9	0.092	0.709	0.864	18.88	2.75
Y-7-10	0.089	0.659	0.804	18.06	2.63
Y-7-11	0.085	0.471	0.575	13.51	1.97