

Table S5. Comparison of the one-way ANOVAs and Kruskal-Wallis tests for the phenotypic variables. The 72 strains were classified into 7 and 13 groups of origins. The p-values for each phenotypic parameter were reported in the table.

Phenotypic variable	7 groups		13 groups	
	ANOVA	Kruskal-Wallis	ANOVA	Kruskal-Wallis
Cell number	0.035	0.10	0.15	0.17
Dry weight	0.004	0.012	0.002	0.011
V _{max}	0.06	0.24	0.004	0.15
V ₅₀	0.09	0.10	0.005	0.06
T ₇₅	0.02	0.045	0.0006	0.028
T ₅₀	0.01	0.055	4.10⁻⁵	0.025
CO _{2F}	0.02	0.006	0.0005	0.0015
Glycerol	0.03	0.012	0.001	0.023
Acetate	0.001	0.0006	0.04	0.0085
Succinate	0.65	0.39	0.46	0.19
Isobutanol	0.12	0.39	0.22	0.22
Isobutyl acetate	0.34	0.094	0.33	0.14
Isoamyl alcohol	0.34	0.41	0.46	0.53
Isoamyl acetate	0.06	0.086	0.16	0.038
Ethyl acetate	0.08	0.0077	0.08	0.0064
Ethyl butyrate	3.10⁻⁶	0.0037	0.0004	0.007
Ethyl hexanoate	0.09	0.057	0.007	0.009
Ethyl octanoate	0.71	0.59	0.14	0.25

No adjustment of multiplicity.

Variables significant at a 5% level for 7 groups and 13 groups of origins, with the 2 approaches were kept.