

Trait	Genotype			Growth condition		
	df	F	P	df	F	P
4-amino-butyrat	96	1,056	0,371	2	489,153	<0.000
AA	96	1,353	0,04	2	662,129	<0.000
AGPase	96	1,917	<0.000	2	79,289	<0.000
Alanine	96	1,217	0,128	2	1.316,10	<0.000
Alanine, beta	96	1,934	<0.000	2	616,241	<0.000
Arginine	96	1,211	0,133	2	148,086	<0.000
Asparagine	96	1,479	0,012	2	98,421	<0.000
Aspartic acid	96	1,53	0,007	2	148,687	<0.000
chl a	96	1,896	<0.000	2	1.035,58	<0.000
chl b	96	1,365	0,036	2	383,596	<0.000
Dehydroascorbate	96	1,045	0,395	2	205,441	<0.000
Erythritol	96	1,084	0,316	2	149,715	<0.000
fructose	96	1,972	<0.000	2	74,583	<0.000
Fumarase	96	1,278	0,078	2	23,856	<0.000
fumarate	96	1,197	0,149	2	243,604	<0.000
FW	96	2,496	<0.000	2	226,771	<0.000
glucose	96	2,296	<0.000	2	228,465	<0.000
Glutamic acid	96	1,33	0,049	2	137,509	<0.000
Glutamine	96	1,151	0,206	2	133,973	<0.000
Glyceric acid	96	1,687	0,001	2	55,085	<0.000
Glycine	96	1,571	0,004	2	155,989	<0.000
GOGAT	96	1,372	0,033	2	725,409	<0.000
GS	96	1,643	0,002	2	60,633	<0.000
Inositol, myo	96	2,226	<0.000	2	484,703	<0.000
Isoleucine	96	1,018	0,451	2	32,06	<0.000
Leucine	96	1,062	0,359	2	268,022	<0.000
Lysine	96	0,965	0,573	2	317,793	<0.000
malate	96	1,8	<0.000	2	699,967	<0.000
Maltose	96	0,962	0,579	2	40,96	<0.000
Methionine	96	1,293	0,069	2	284,547	<0.000
NADGIDH	96	1,812	<0.000	2	597,957	<0.000
NADMDH	96	1,427	0,02	2	141,487	<0.000
Nicotinic acid	96	2,605	<0.000	2	98,556	<0.000
NO3	96	1,09	0,305	2	1.251,89	<0.000
NR_Vmax	96	2,057	<0.000	2	663,56	<0.000
Ornithine	96	1,13	0,238	2	56,399	<0.000
PEPCx	96	1,84	<0.000	2	314,539	<0.000
Phenylalanine	96	1,225	0,12	2	366,593	<0.000
Proline	96	1,773	<0.000	2	83,893	<0.000
Proline, 4-hydroxy	96	1,823	<0.000	2	10,073	<0.000
prot	96	1,941	<0.000	2	1.022,74	<0.000
Putrescine	96	1,311	0,058	2	22,838	<0.000
Raffinose	96	1,736	0,001	2	116,829	<0.000
Serine, DL	96	1,125	0,246	2	238,161	<0.000
Shikimic acid	96	1,229	0,116	2	436,542	<0.000

Spermidine	96	1,067	0,35	2	2.156,66	<0.000
starch	96	1,982	<0.000	2	175,974	<0.000
succinate	96	1,628	0,002	2	2,261	0,107
sucrose	96	1,378	0,032	2	1.026,80	<0.000
Threonate	96	1,291	0,07	2	15,779	<0.000
Threonine	96	3,098	<0.000	2	181,578	<0.000
Trehalose	96	0,956	0,592	2	99,725	<0.000
Tryptophan	96	0,987	0,521	2	515,253	<0.000
Tyrosine	96	1,199	0,146	2	12,331	<0.000
Urea	96	1,147	0,212	2	61,245	<0.000
Valine	96	1,459	0,014	2	79,013	<0.000
Xylose	96	1,06	0,363	2	9,484	<0.000

Equation is $Y = \text{Accession} + \text{Growth condition} + \text{constant}$