

Table S4 Characteristics of the production of amino acids from glycerol for different calculation schemes. For a description see Table S.

AS	Glycerol								
	Manual			LP standard			LP unlimited energy		
	Yield (mol/mol)	ATP Cons.	Carb. Yield	Yield (mol/mol)	ATP Cons.	Carb. Yield	Yield (mol/mol)	ATP Cons.	Carb. Yield
Ala	1.000	-3	1.000	1.000	-2.5	1.000	1.000	-2.5	1.000
Arg	0.500	-4	1.000	0.512	0	1.024	0.667	35.125	1.333
Asn	1.000	0	1.333	1.000	-0.25	1.333	1.000	-0.25	1.333
Asp	1.000	-2	1.333	1.000	-1.25	1.333	1.000	-1.25	1.333
Cys	0.652	6	0.652	0.598	0	0.598	1.000	10.25	1.000
Glu	0.500	-11	0.833	0.605	0	1.008	0.667	26.875	1.111
Gln	0.500	-10	0.833	0.607	0	1.011	0.667	25.875	1.111
Gly	1.000	-4	0.667	1.539	0	1.026	2.000	3	1.333
His	0.483	4.33	0.966	0.489	0	0.978	0.600	10.5833	1.200
Ile	0.484	3	0.968	0.436	0	0.871	0.500	4.5	1.000
Leu	0.333	-15	0.667	0.381	0	0.762	0.400	20.375	0.800
Lys	0.484	1	0.968	0.466	0	0.931	0.500	2.25	1.000
Met	0.394	16	0.657	0.358	0	0.596	1.000	34	1.667
Phe	0.300	-4.33	0.900	0.300	-3.5833	0.900	0.300	-3.5833	0.900
Pro	0.500	-6	0.833	0.567	0	0.945	0.667	31.125	1.111
Ser	1.000	-4	1.000	1.000	-3.25	1.000	1.000	-3.25	1.000
Thr	0.778	4	1.037	0.753	0	1.004	1.000	5	1.333
Trp	0.250	-2	0.917	0.250	-4.25	0.917	0.250	-4.25	0.917
Tyr	0.300	-6.33	0.900	0.300	-5.3333	0.900	0.300	-5.3333	0.900
Val	0.500	-6	0.833	0.500	-5.25	0.833	0.500	-5.25	0.833