

Table S2
Summary of calculated fluxes in *E. coli* A-stat cultures at different specific growth rates (μ mol/gDCW).

	$\mu = 0.1 \text{ h}^{-1}$		$\mu = 0.2 \text{ h}^{-1}$		$\mu = 0.3 \text{ h}^{-1}$		$\mu = 0.4 \text{ h}^{-1}$		$\mu = 0.5 \text{ h}^{-1}$	
	average	stdev	average	stdev	Average	stdev	average	stdev	average	stdev
in_glc2	13666	559	13525	278	13552	287	13120	126	13993	533
pgiA	11016	1242	10459	360	9915	578	8858	272	9076	773
fbaA	11449	791	11225	272	11119	395	10523	179	11223	602
gapA	22867	1359	22589	524	22598	698	21636	311	23279	1137
pmg	22057	1354	21727	536	21680	687	20674	306	22267	1132
pyk	15393	1366	14433	505	13986	846	13009	507	13851	1030
pdh	13066	1363	12053	506	11549	835	10526	501	11318	1024
Vnadh	58118	5444	54966	1672	51894	2630	47120	1362	46556	3178
ppc	6030	199	6663	678	7067	164	7040	206	7794	111
gltA	10671	1362	9670	505	8306	534	6850	289	5283	735
icdA	10671	1362	9670	505	8306	534	6850	289	5283	735
ngATP	125453	16270	114206	5365	102495	7502	86784	4004	80915	9013
Vprod	4040	190	4621	687	4970	172	4900	215	5604	106
gnd	1350	675	1936	254	2683	256	3445	145	4247	367
suc	9994	1362	8983	505	7609	532	6144	289	4568	734
fum	9994	1362	8983	505	7609	532	6144	289	4568	734
tkr	95	227	263	84	482	92	712	48	953	125
Mdh	9994	1362	8983	505	7609	532	6144	289	4568	734