

Table S5. Fixed alleles among replicate populations (“fixed” defined as >98% at any time point between generation 50 and 500).

Chemostat	Nucleotide Position	Ancestral	Derived	Region	Amino acid change	Generation											
						0	50	100	150	200	250	300	350	400	450	500	
1	438,942	C	A	<i>dxs</i>	Ala154Ser	0	0	93	12	88	94	94	78	100	100	100	
1	546,837	G	T	<i>fdrA</i>	Ala312Ser	0	0	93	11	87	96	93	82	98	100	99	
1	922,714	C	A	<i>clpA</i>		0	0	93	12	85	95	93	78	99	99	99	
1	1,107,984	G	T	<i>opgC</i>	Gln61Lys	0	0	92	14	85	95	93	79	100	100	100	
1	1,361,341	C	A	<i>puuC</i>	Pro192Gln	0	0	93	13	86	95	93	81	99	100	100	
1	2,019,771	G	T	<i>fliO</i>	Val82Phe	0	0	92	11	87	95	93	77	99	99	100	
1	2,119,008	C	A	<i>wcaJ</i>	Gly191Cys	0	0	92	15	85	95	93	79	100	100	100	
1	2,238,647	C	A	upstream <i>mglB</i>		1	0	95	12	88	95	92	77	99	100	100	
1	2,408,047	G	T	<i>yfbS</i>	Ala443Asp	0	0	94	11	87	96	95	81	100	100	100	
1	2,500,493	G	T	<i>fryA</i>	Ala672Glu	0	0	94	12	86	95	93	79	99	100	100	
1	2,775,348	G	T	<i>yffZ</i>	Arg71Leu	0	0	94	13	86	95	90	79	100	100	100	
1	3,209,081	G	T	upstream <i>dnaG</i>		0	92	98	93	95	99	99	99	99	100	100	
1	3,965,271	G	T	<i>rho</i>	Val278Phe	0	0	93	13	87	93	91	82	98	99	99	
1	4,205,962	G	T			0	0	93	10	89	95	91	82	99	100	100	
1	4,245,693	C	A	<i>malK</i>	Ala296Asp	0	0	94	12	89	95	93	83	99	100	99	
3	82,6641	C	A	<i>ybhF</i>	Glu522*	9	79	91	97	98	91	89					
3	2,238,647	C	A	upstream <i>mglB</i>		0	81	96	99	97	94	94					