

Table 3. Determination of cell cycle periods in batch culture

DNA distributions obtained by flow cytometry were resolved with our computer software into the cell cycle periods C, D and B.

Strain	Generation time (min)	C period (min)	D period (min)	B period (min)
K-12 strains				
RH147	78	39	38	1
	140	56	34	50
	240	102	43	95
MG1655	60	42	33	0
	96	54	34	8
	137	52	53	32
	190	91	78	21
	259	105	60	94
PJ4004	54	46	14	0
	100	58	24	18
	125	56	32	37
	181	86	53	42
EMG2	150	73	23	54
	22	41	25	0
	38	38	35	0
	42	39	21	0
	75	48	27	0
	105	66	25	14
	125	66	36	23
RB210	130	74	35	21
	190	72	52	66
	23	46	23	0
	33	40	25	0
	38	46	29	0
	47	49	23	0
FH1218	86	51	28	7
	28	39	26	0
	30	41	28	0
	34	43	28	0
	42	41	20	0
	56	45	25	0
	90	54	31	5
	165	64	63	38
240	84	79	77	
LJ24	450	104	142	204
	21	34	22	0
	49	42	23	0
	66	44	30	0
	74	42	30	2
	88	46	41	1
	96	57	34	5
	107	57	44	6
	170	73	85	12
	B/r strains			
Cp14	25	35	14	0
	30	39	13	0
	38	36	16	0
	46	41	24	0
	47	33	13	1

Table 3. cont.

Strain	Generation time (min)	C period (min)	D period (min)	B period (min)
	51	36	13	2
	66	45	12	9
	142	61	30	51
	164	57	32	75
	168	77	46	45
	170	63	29	78
	220	77	37	106
K	50	39	20	0
	60	50	17	3
	180	70	59	51
A	50	43	16	0
	51	35	15	1
	102	51	27	24
	110	57	34	19
	142	79	16	47