

TABLE 2. Effect of various fatty acid supplements on the temperature-growth response of *E. coli*^a

Fatty acid supplemented	Temp of growth (°C)			Doubling time ^b (min)
	Minimum	Optimum	Maximum	
<i>cis</i> -18:1	10	38	44-45	57
18:2	10	37	40	82
18:3	10	36	40	95
19:0	22	38	40-45	65
<i>trans</i> -18:1	37	40	44-45	70

^a A mutant strain blocked in the synthesis of *cis*-vaccinic acid and degradation of unsaturated fatty acids. Data from reference 49.

^b At the optimum temperature of growth.