

TABLE 2. Rates of transcription elongation

Medium ^a	Doubling time (min)	Transcript elongation (residues/s) on ^b :			
		pMAS2 (2,937)	pUV12 (3,107)	pUV14 (3,634)	pUV17 (3,570)
LB broth	24	— ^c	—	55	—
Glucose-Casamino Acids	35	49	—	—	89
Glycerol-Casamino Acids	50	45	—	53	—
Glycerol	78	39	38	43	79
Succinate	160	35	—	35	66
Glucose	58	—	41	—	—
Glucose-5 × αMG ^d	120	—	35	—	—
Glucose-15 × αMG	200	—	28	—	—

^a Described in Materials and Methods.

^b Numbers of residues from the 5' end of the transcript to the middle of the hybridization probes shown in Fig. 1 are indicated in parentheses.

^c —, not determined.

^d αMG, α-methylglucoside.