multiple origins of replication skew protein expression in favor of additional ribosomes (A) 150 (C) $\langle \# \text{ ori} \rangle = 2^{t_{cyc}} \times \lambda / \ln(2$ t_{cyc} [min] 100 growth rate [hr-1] 50 0 _ ori 0.0 0.5 1.0 1.5 2.0 ter growth rate [hr-1] (B) 140000 (D) 120000

