



Figure S3

Experimental and simulated timing on chromosome 14 in GM06990 for sequence features and gene expression. Simulations based on genome sequence features (GC content, CpG islands), on local genome conformation (ORChID, G-quadruplex), and on organism-wide transcription start sites generate timing patterns that correlate well with replication timing in five cell lines. Simulated profiles (red) are plotted on the same axes as two empirical datasets: the Hansen (Han) dataset (red) and the Ryba (Ryb) dataset (blue).