

Table 1. Intracellular Regulation of IDPs and Ordered Proteins^a

cellular quantity/regulation mechanism	ordered proteins	disordered proteins
mRNA level		
transcription factors/gene	2.0	2.0
transcriptional rate (mRNAs/hour)	2.2	1.8
transcript abundance (copies per cell)	0.9	0.8
transcript half-life (min.)	23.0	19.0
transcript degradation (% with short polyA tails)	28	56
miRNA targeting (% sequences) ^b	15	30
protein level		
translational rate (ribosomes/ORF)	0.5	0.37
protein abundance (proteins/cell)	2900	1860
protein half-life (min.)	45	37
% PEST sequences	19	42
ubiquitination sites ^{b,c}	50	70

^aData from *S. cerevisiae*, adapted from ref 252, except, ^bentries obtained from human tissues and cell lines, adapted from ref 253. ^cPercentage of proteins with one or more predicted ubiquitination sites.

(252) Gsponer, J.; Futschik, M. E.; Teichmann, S. A.; Babu, M. M. *Science* 2008, 322, 1365.

(253) Edwards, Y. J. K.; Lobley, A. E.; Pentony, M. M.; Jones, D. T. *Genome Biol.* 2009, 10, R50.