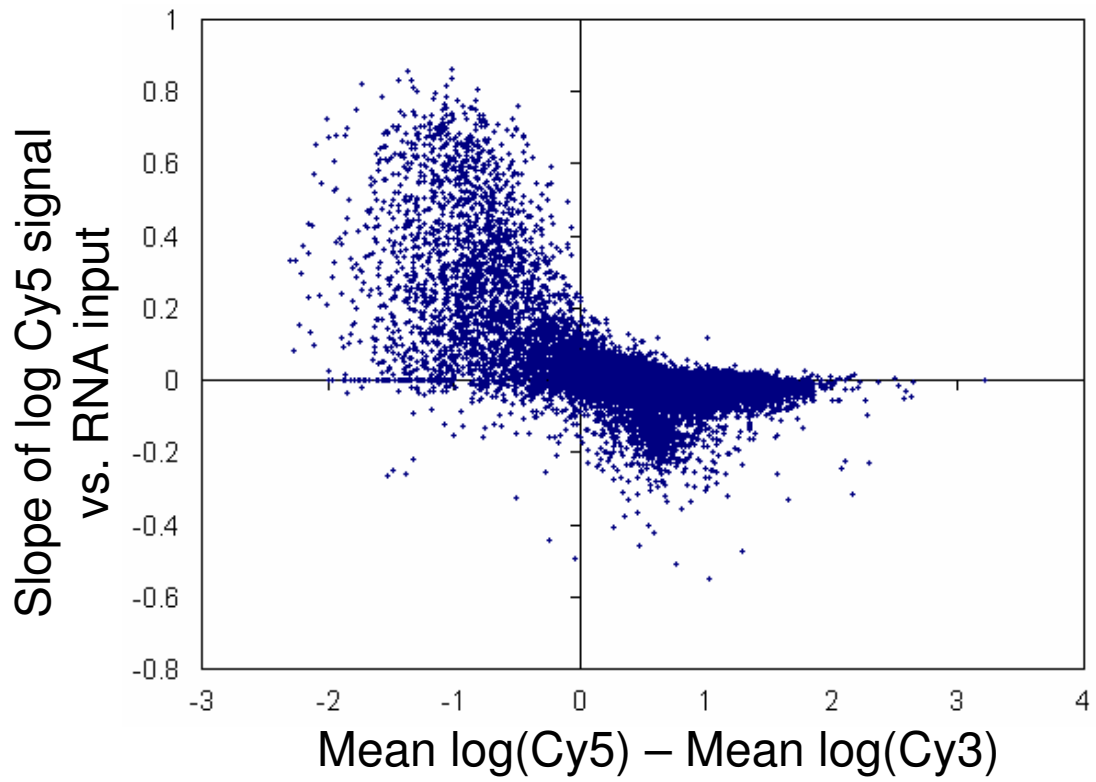
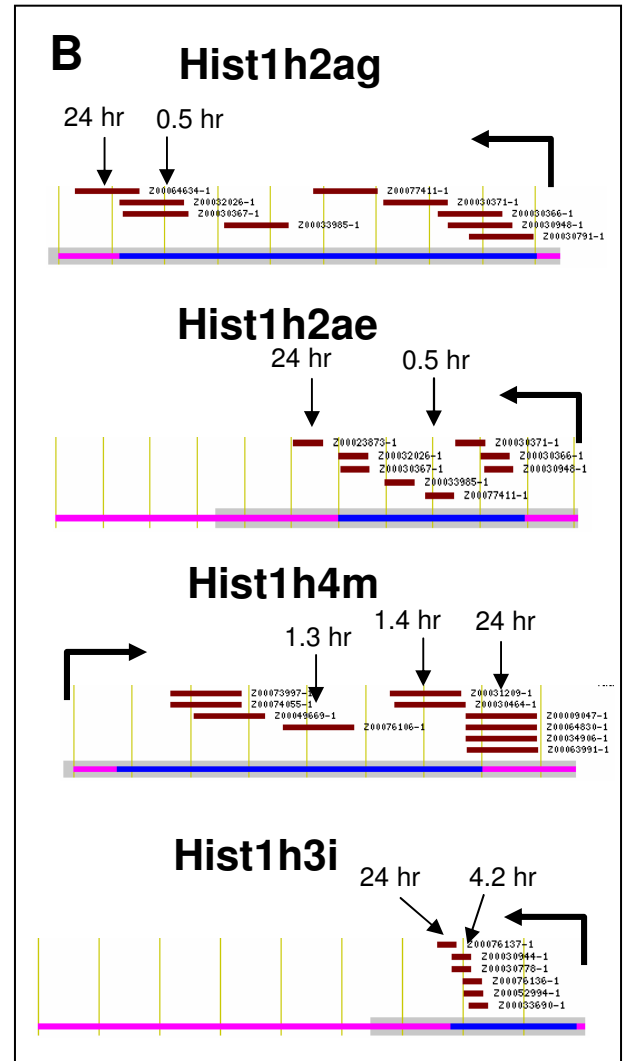
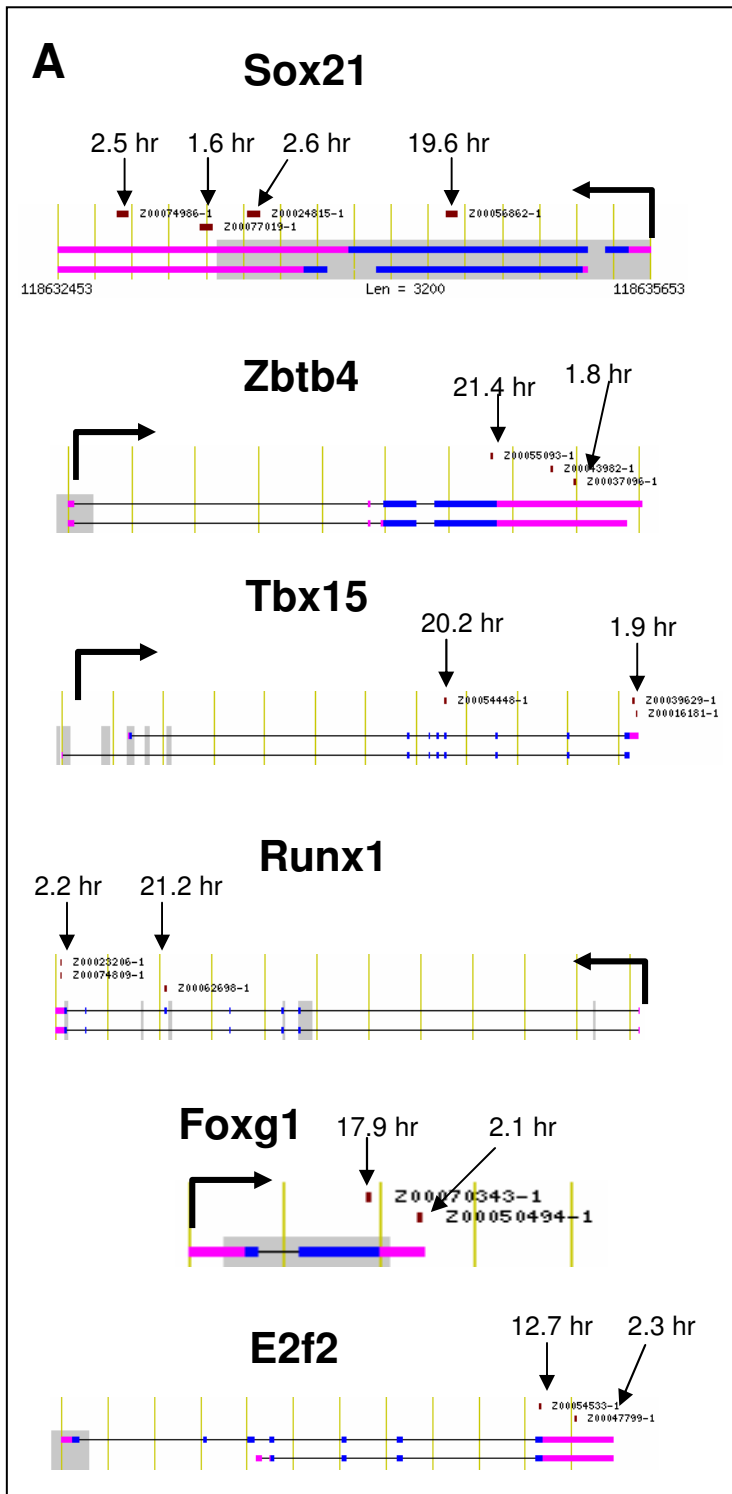


Supplementary Figure S1



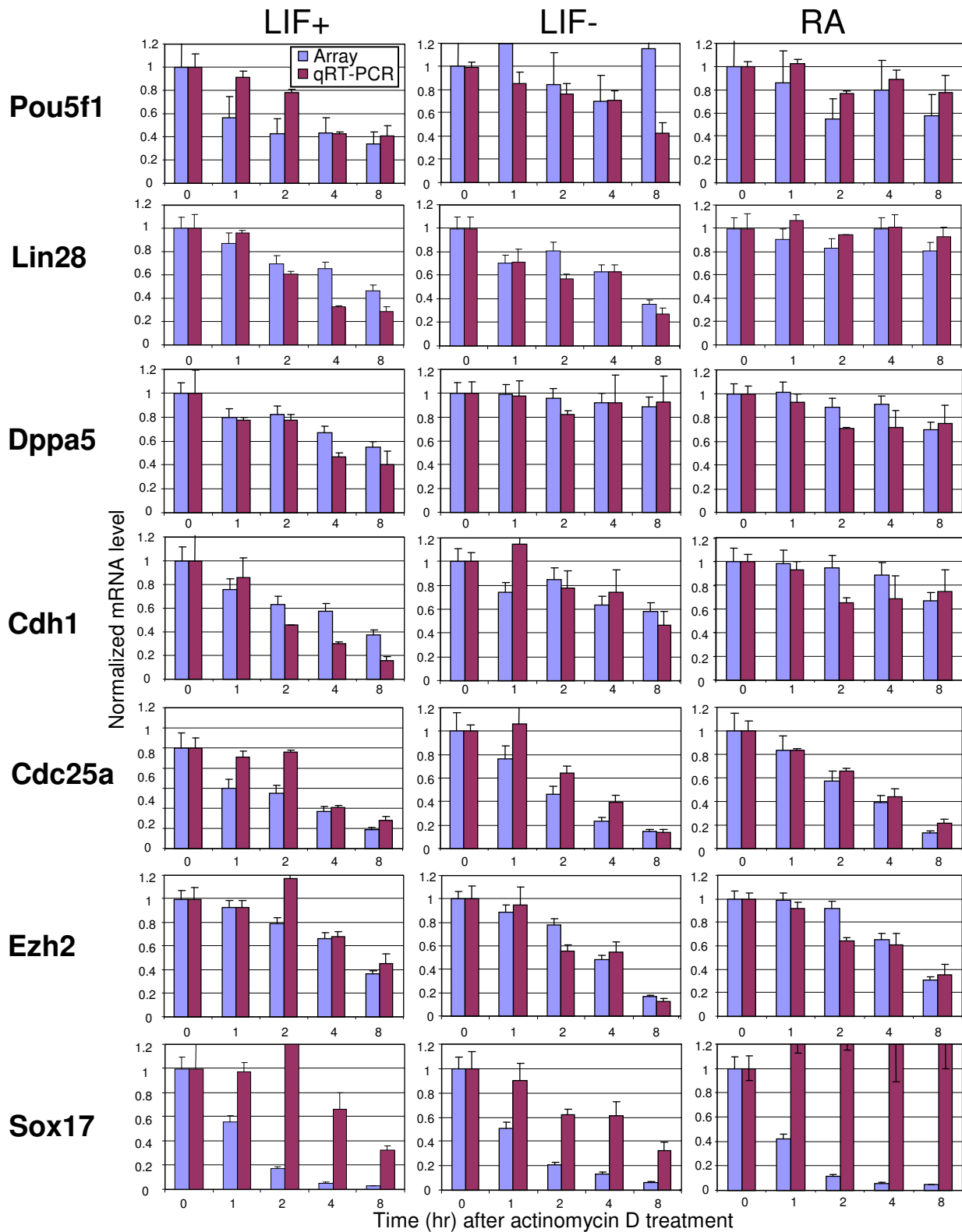
Supplementary Figure S2



Legend

- ORF
- UTR
- Oligo probe
- CpG island
- mRNA half-life estimated with different probes
- ↩ Direction of transcription

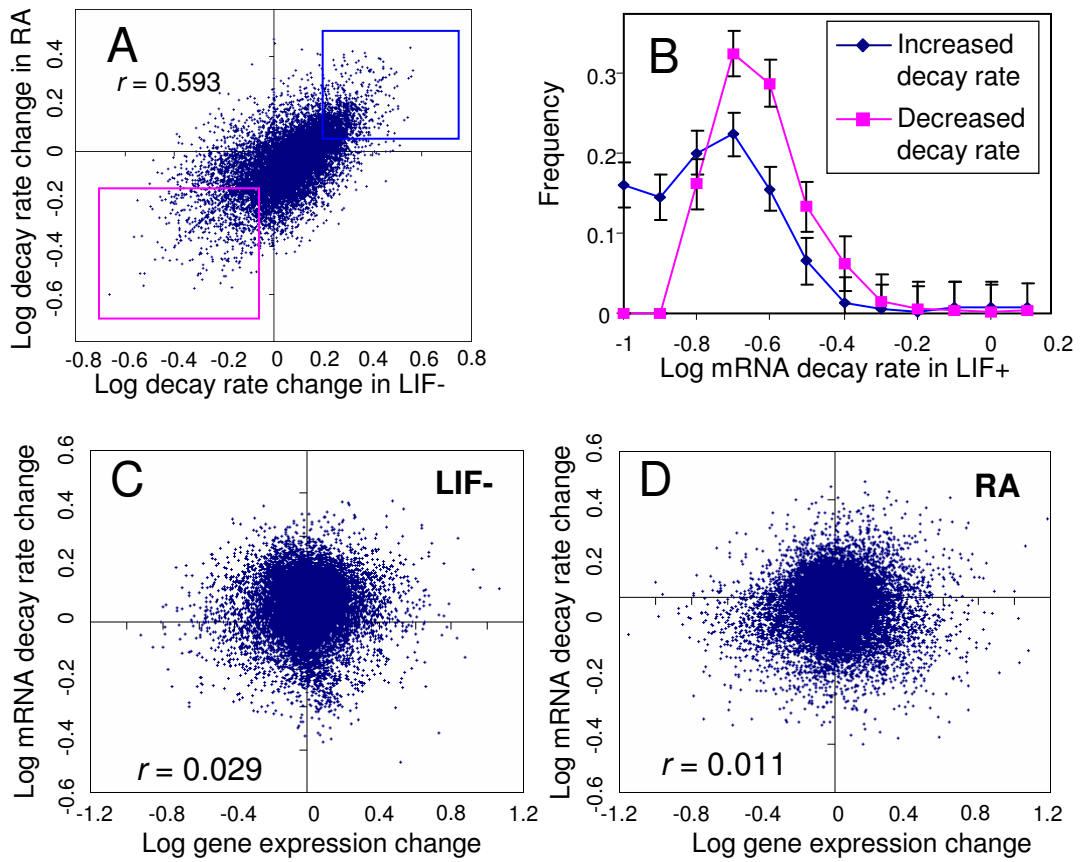
Supplementary Figure S3



Primers:

Gene	Forward primer	Reverse primer
Pou5f1	CCTACAGCAGATCACTCACATCGCC	CCTGTAGCCTCATACTCTTCTCGTTGG
Lin28	CCAGAGCAAGCTGCACATGG	TGGTCTAGCCCACCGCAGTT
Dppa5	GCCGTGCGTGGTGGATAAGC	GCCAAACAGATATTTTCAGCACACAGC
Cdh1	GTCAACACCTACAACGCTGCC	CTTGGCCTCAAATCCAAGCC
Cdc25a	CTACTGATGGCAAGCGTGCATTGTC	GGGTACTCATTGCCGAGCCTATCTC
Ezh2	GTGACAGAGAAGCAGGGACTG	TACATCCTCAGTGGGAACAGG
Sox17	GGAACCTCCAGTAAGCCAGATTTGG	TGGGAAATAGGAAGGCTGAAATTC

Supplementary Figure S4



Supplementary Figure S5