

**Table S1.** Normal and partial correlations with evolutionary rate (measured as Tamura-Kumar distance, see methods) using Pearson product moment correlation and Spearman's. Numbers highlighted in bold are significant after Bonferonni correction with N=14.

lincRNA				
	Pearson		Spearman	
	Normal	Partial	Normal	Partial
Max. Expression rate	-0.025	0.003	-0.005	0.032
Med. Expression rate	-0.028	-0.011	-0.025	-0.035
Exp. breadth	-0.046 <sup>#</sup>	<b>-0.088<sup>**</sup></b>	-0.038	<b>-0.091<sup>**</sup></b>
RNA stability	0.012	-0.013	0.048 <sup>#</sup>	0.009
Frac70	-0.034	-0.017 <sup>#</sup>	<b>-0.051<sup>#</sup></b>	-0.011
ESE density	<b>-0.178<sup>***</sup></b>	<b>-0.198<sup>***</sup></b>	<b>-0.182<sup>***</sup></b>	<b>-0.194<sup>***</sup></b>
GC	-0.043 <sup>#</sup>	<b>-0.096<sup>**</sup></b>	<b>-0.058<sup>*</sup></b>	<b>-0.102<sup>***</sup></b>
Protein-coding				
	Pearson		Spearman	
	Normal	Partial	Normal	Partial
Max. expression	<b>-0.198<sup>***</sup></b>	<b>0.038<sup>*</sup></b>	<b>-0.203<sup>***</sup></b>	-0.019
Med. Expression	<b>-0.302<sup>***</sup></b>	<b>-0.087<sup>***</sup></b>	<b>-0.339<sup>***</sup></b>	<b>-0.063<sup>***</sup></b>
Exp. Breadth	<b>-0.381<sup>***</sup></b>	<b>-0.255<sup>***</sup></b>	<b>-0.369<sup>***</sup></b>	<b>-0.189<sup>***</sup></b>
RNA stability	<b>0.038<sup>*</sup></b>	<b>-0.04<sup>**</sup></b>	<b>0.154<sup>***</sup></b>	<b>0.028<sup>*</sup></b>
Frac70	<b>-0.201<sup>***</sup></b>	<b>-0.092<sup>***</sup></b>	<b>-0.222<sup>***</sup></b>	<b>-0.101<sup>***</sup></b>
ESE density	<b>-0.22<sup>***</sup></b>	-0.023 <sup>#</sup>	<b>-0.29<sup>***</sup></b>	0.008
GC	<b>0.219<sup>***</sup></b>	<b>0.113<sup>***</sup></b>	<b>0.313<sup>***</sup></b>	<b>0.168<sup>***</sup></b>

Significance codes for p-values: <sup>#</sup>  $P < 0.01$ ; <sup>\*</sup>  $P < 10^{-3}$ ; <sup>\*\*</sup>  $P < 10^{-6}$ ; <sup>\*\*\*</sup>  $P < 10^{-9}$