

P-values	Downstream coding	Downstream noncoding	Downstream <i>annotated</i> noncoding	Downstream <i>unannotated</i> noncoding
Upstream coding	5.11 X 10 <sup>-05</sup>	1.32 X 10 <sup>-08</sup>	1.57 X 10 <sup>-06</sup>	0.000907585
Upstream noncoding	<b>1.51 X10<sup>-311</sup></b>	9.15 X 10 <sup>-12</sup>	-	-
Upstream <i>annotated</i> noncoding	<b>4.67 X 10<sup>-159</sup></b>	-	0.140176503	0.000390385
Upstream <i>unannotated</i> noncoding	<b>4.09 X 10<sup>-96</sup></b>	-	0.01240602	3.38 X 10 <sup>-06</sup>

**Table 1 Correlations between an upstream (relative to the PAS) coding/noncoding TU and a downstream (relative to the PAS) coding/noncoding TU are tested by single sided Fisher's tests.** The noncoding TUs are further divided into the annotated and unannotated noncoding TU. Combinations with a highly significantly positive correlation are highlighted in bold.