

***Homo sapiens* genes with 3'UTR-embedded Alu(s)**

		<b>Sense</b>	<b>Antisense</b>	<b>Mix</b>	<b>Total</b>
<b>PPs</b>	<b>-</b>	<b>1,249</b> (42.86%) (87.16%)	<b>1,139</b> (39.09%) (84.43%)	<b>526</b> (18.05%) (81.55%)	2,914
	<b>+</b>	<b>184</b> (35.87%) (12.84%)	<b>210</b> (40.93%) (15.57%)	<b>119</b> (23.20%) (18.45%)	513
<b>Total</b>		1,433	1,349	645	3,427

**$\chi^2$  test P = 0.0030**

**S1 Fig. Contingence table comparing the existence of PPs from human genes that contain 3'UTR-embedded Alus with respect to the orientation of these SINEs.** The genes were grouped in three classes: *sense* (all the 3'UTR-embedded Alu elements have the same sense that the containing gene), *antisense* (all the 3'UTR Alus are in the sense opposite to the gene), and *mix* (3'UTR Alus in both senses). Plus and minus signs on the left mean presence or absence, respectively, of PPs generated from a gene. Numbers in bold are gene counts; total number of genes are also displayed in the right column and the bottom row. Percentages with respect to each total are also shown. P-value of the  $\chi^2$  test is also indicated.