

Table S5: *De novo* genes partially contributed by *Alu* elements

Ensembl ID	<i>Alu</i> name	Orientation	Gene region	Relative position[#]	Relative length[*]
ENST00000273641	<i>FRAM</i>	antisense	5' UTR	11.6%	8.2%
ENST00000376812 [@]	<i>AluJo</i>	sense	3' UTR	96.6%	3.4%
ENST00000391430	<i>AluSq; AluSx</i>	antisense; sense	3' UTR	24.8%	31.7%
ENST00000391812	<i>AluSg</i>	antisense	5' UTR	8.8%	6.8%
ENST00000399070	<i>FRAM; AluSg/x</i>	sense	3' UTR	45.4%	7.4%
ENST00000400385	<i>FRAM/FAM</i>	antisense	3' UTR	97.7%	1.2%
ENST00000400449	<i>AluSg</i>	sense	3' UTR	82.6%	17.4%
ENST00000400991	<i>AluY</i>	antisense	3' UTR	96.9%	3.2%

[#]Position of the first *Alu* on the transcript;

^{*}Percentage of transcript contributed by *Alu* element;

[@]Gene reported in previous study as human-specific *de novo* protein-coding gene.