

1. LncRNAs whose genes are located at or near the protein coding gene ATG10

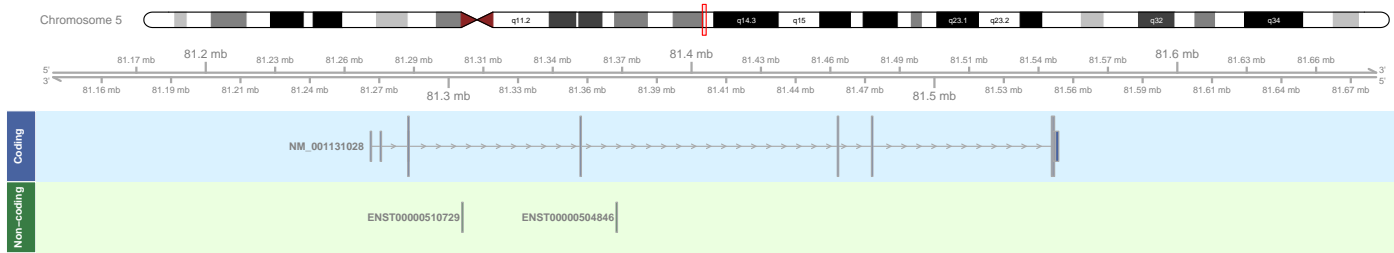


Figure 1. Genomic mapping showing the lncRNAs whose genes are located at or near the protein-coding gene ATG10.

LncRNA	LncRNA Symbol	Relationship	Coding Gene Transcript	Coding Gene Symbol
ENST00000504846	ATG10-AS1	intronic antisense	NM_001131028	ATG10
ENST00000510729	PPIAP11	intronic antisense	NM_001131028	ATG10

Table 1. The LncRNAs whose genes are located at or near the protein coding gene ATG10.

2. Non-coding ceRNA of the protein coding gene ATG10

LncRNA	LncRNA Symbol	Relationship	MuTaMe Score	Coding Gene Transcript	Coding Gene Symbol	miRNAs mediating ceRNA interaction
uc010cvy.3	PGAP3	ceRNA	1.4769	NM_001131028	ATG10	hsa-miR-532-3p, hsa-miR-629-3p, hsa-miR-1224-3p, hsa-miR-762, hsa-miR-1260a, hsa-miR-1260b, hsa-miR-4435, hsa-miR-4446-3p, hsa-miR-4469, hsa-miR-4492, hsa-miR-4498, hsa-miR-4685-5p, hsa-miR-5001-5p, hsa-miR-6501-3p

Table 2. The LncRNAs predicted to be ceRNAs of ATG10 mRNA.