

1. LncRNAs whose genes are located at or near the protein coding gene HOMER1

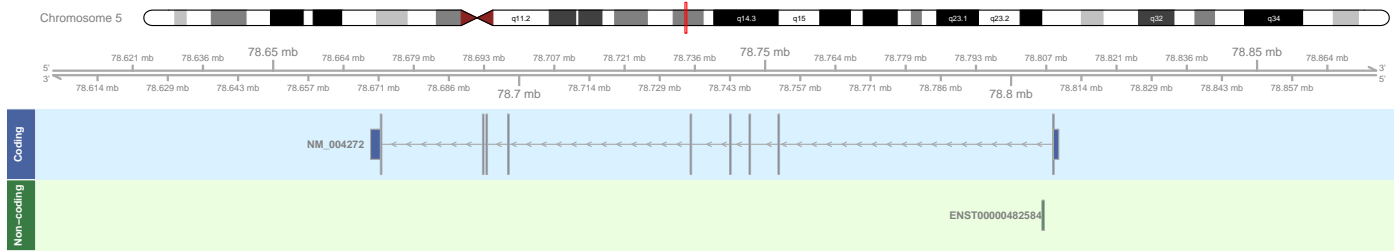


Figure 1. Genomic mapping showing the lncRNAs whose genes are located at or near the protein-coding gene HOMER1.

LncRNA	LncRNA Symbol	Relationship	Coding Gene Transcript	Coding Gene Symbol
ENST00000482584	RP11-342F17.1	intronic antisense	NM_004272	HOMER1

Table 1. The LncRNAs whose genes are located at or near the protein coding gene HOMER1.

2. Non-coding ceRNA of the protein coding gene HOMER1

LncRNA	LncRNA Symbol	Relationship	MuTaMe Score	Coding Gene Transcript	Coding Gene Symbol	miRNAs mediating ceRNA interaction
TCONS_00008359	XLOC_003809	ceRNA	1.4431	NM_004272	HOMER1	hsa-miR-19a-3p, hsa-miR-19b-3p, hsa-miR-148a-3p, hsa-miR-152, hsa-miR-301a-3p, hsa-miR-130b-3p, hsa-miR-148b-3p, hsa-miR-765, hsa-miR-301b, hsa-miR-3666, hsa-miR-4524a-3p, hsa-miR-4710

Table 2. The LncRNAs predicted to be ceRNAs of HOMER1 mRNA.