

1. LncRNAs whose genes are located at or near the protein coding gene ITPR1

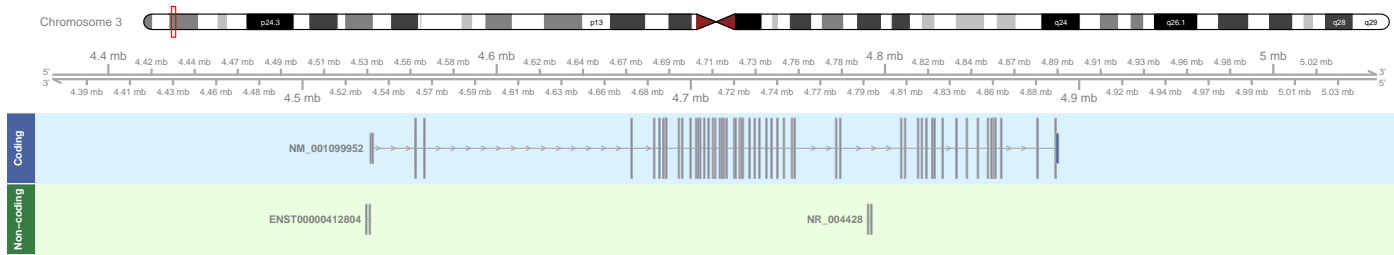


Figure 1. Genomic mapping showing the lncRNAs whose genes are located at or near the protein-coding gene ITPR1.

LncRNA	LncRNA Symbol	Relationship	Coding Gene Transcript	Coding Gene Symbol
ENST00000412804	AC024168.2	bidirectional	NM_001099952	ITPR1
NR_004428	EGOT	intronic antisense	NM_001099952	ITPR1

Table 1. The LncRNAs whose genes are located at or near the protein coding gene ITPR1.

2. Non-coding ceRNA of the protein coding gene ITPR1

LncRNA	LncRNA Symbol	Relationship	MuTaMe Score	Coding Gene Transcript	Coding Gene Symbol	miRNAs mediating ceRNA interaction
ENST00000439529	RP4-742J24.2	ceRNA	3.1792	NM_001099952	ITPR1	hsa-miR-15a-5p, hsa-miR-16-5p, hsa-miR-15b-5p, hsa-miR-195-5p, hsa-miR-424-5p, hsa-miR-497-5p, hsa-miR-650, hsa-miR-665, hsa-miR-1226-3p, hsa-miR-3120-3p, hsa-miR-3612, hsa-miR-4530

Table 2. The LncRNAs predicted to be ceRNAs of ITPR1 mRNA.