

1. LncRNAs whose genes are located at or near the protein coding gene DERL1

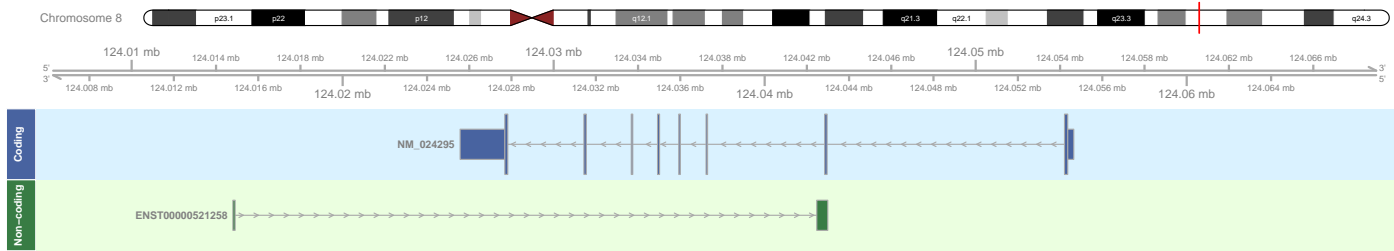


Figure 1. Genomic mapping showing the lncRNAs whose genes are located at or near the protein-coding gene DERL1.

LncRNA	LncRNA Symbol	Relationship	Coding Gene Transcript	Coding Gene Symbol
ENST00000521258	RP11-557C18.3	natural antisense	NM_024295	DERL1

Table 1. The LncRNAs whose genes are located at or near the protein coding gene DERL1.

2. Non-coding ceRNA of the protein coding gene DERL1

LncRNA	LncRNA Symbol	Relationship	MuTaMe Score	Coding Gene Transcript	Coding Gene Symbol	miRNAs mediating ceRNA interaction
NR_002222	ARGFXP2	ceRNA	2.4473	NM_024295	DERL1	hsa-miR-30b-3p, hsa-miR-625-5p, hsa-miR-1233-1-5p, hsa-miR-1275, hsa-miR-3175, hsa-miR-3202, hsa-miR-3689a-3p, hsa-miR-3689b-3p, hsa-miR-4447, hsa-miR-4472, hsa-miR-3689c, hsa-miR-4665-5p

Table 2. The LncRNAs predicted to be ceRNAs of DERL1 mRNA.