1. LncRNAs whose genes are located at or near the protein coding gene \textit{CHAT}

![Figure 1](image-url). No nearby LncRNAs found for protein-coding gene \textit{CHAT}.

2. Non-coding ceRNA of the protein coding gene \textit{CHAT}

<table>
<thead>
<tr>
<th>LncRNA</th>
<th>LncRNA Symbol</th>
<th>Relationship</th>
<th>MuTaMe Score</th>
<th>Coding Gene Transcript</th>
<th>Coding Gene Symbol</th>
<th>miRNAs mediating ceRNA interaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>NR_024045</td>
<td>RAET1K</td>
<td>ceRNA</td>
<td>5.1448</td>
<td>ENST00000337653</td>
<td>CHAT</td>
<td>hsa-miR-30b-3p, hsa-miR-485-5p, hsa-miR-518f-5p, hsa-miR-526a, hsa-miR-520c-5p, hsa-miR-518d-5p, hsa-miR-522-5p, hsa-miR-519a-5p, hsa-miR-3689a-3p, hsa-miR-3689b-3p, hsa-miR-3689c</td>
</tr>
</tbody>
</table>

\textbf{Table 1}. The LncRNAs predicted to be ceRNAs of \textit{CHAT} mRNA.