Supporting Table 7. Comparison of TxNIP mRNA and GLP-1R mRNA “signal” in WT and GLP-1R<sup>-/-</sup> mouse islets treated without or with GABA

<table>
<thead>
<tr>
<th>Gene Name</th>
<th>RNAseq Tracking ID</th>
<th>WT (FPKM)</th>
<th>WT/GABA (FPKM)</th>
<th>Fold Change</th>
<th>KO (FPKM)</th>
<th>KO/ GABA (FPKM)</th>
<th>Fold Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Txnip</td>
<td>ENSMUSG00000038393.14</td>
<td>41.0729</td>
<td>29.2914</td>
<td>0.71</td>
<td>33.7852</td>
<td>39.6614</td>
<td>1.17</td>
</tr>
<tr>
<td>Glp1r</td>
<td>ENSMUSG00000024027.7</td>
<td>33.5136</td>
<td>33.0081</td>
<td>0.98</td>
<td>4.12596</td>
<td>5.38051</td>
<td>1.30</td>
</tr>
</tbody>
</table>

FPKM, Fragments Per Kilobase Million Mapped Reads.