Supplemental Figure 2: Auxilin-2 expression is regulated by IRE-1 RNase and BCR-ABL1 kinase activity in Ph+ ALL

**a**

<table>
<thead>
<tr>
<th>Imatinib [µM]</th>
<th>DNAJB4</th>
<th>DNAJC5</th>
<th>DNAJC12</th>
<th>DNAJB9</th>
<th>DNAJC14</th>
<th>DNAJC21</th>
<th>DNAJC4</th>
<th>DNAJC7</th>
<th>DNAJC17</th>
<th>DNAJC15</th>
<th>Auxilin-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**b**

- **Ph+ ALL cells: SUP-B15**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0056)
- **Ph+ ALL cells: TOM-1**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0012)
- **CML cells: KCL-22**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0023)

**c**

- **Ph+ ALL cells: SUP-B15**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0035)
- **Ph+ ALL cells: TOM-1**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0108)
- **CML cells: KCL-22**
  - Auxilin-2 mRNA levels [% COX6B] (P=0.0095)

**d**

- **Ph+ ALL cells: SUP-B15**
  - DNAJC6 mRNA levels [% COX6B] (P=0.0001)
- **Ph+ ALL cells: TOM-1**
  - DNAJC6 mRNA levels [% COX6B] (P=0.0005)
- **CML cells: KCL-22**
  - DNAJC6 mRNA levels [% COX6B] (P=0.0124)