

## Supplementary Data (Statistical Analysis)

**Title: Axin-2/BCL2 axis regulates apoptosis upon targeting TAM kinase receptors in leukemia**

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**Table S1: Comparison of control and treated cell line (Paired t test) for axin-2**

| Control | Jurkat                                                     | Kasumi-1                                               | K562                                                      | Molm-13                                              |
|---------|------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|
|         | Mean Diff=-0.6266<br>95%CI=-0.9524 to -0.3007<br>p= 0.0260 | Mean Diff=1.577<br>95%CI=0.02267 to 3.131<br>p= 0.0493 | Mean Diff=-0.6557<br>95%CI=-1.190 to -0.1219<br>p= 0.0407 | Mean Diff=2.616<br>95%CI=1.557 to 3.675<br>p= 0.0203 |

**Table S2: Comparison of control and treated cell line (Paired t Test) for c-Myc**

| Control | Jurkat                                                 | Kasumi-1                                           | K562                                                 | Molm-13                                              |
|---------|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|         | Mean Diff=-0.2348<br>95%CI=-0.5261 to 0.05643<br>p= ns | Mean Diff=0.3292<br>95%CI=-1.364 to 2.023<br>p= ns | Mean Diff=-0.5764<br>95%CI=-1.707 to 0.5547<br>p= ns | Mean Diff=2.602<br>95%CI=2.189 to 3.015<br>p= 0.0079 |

**Table S3: Comparison of treated cell lines (Unpaired t test) for Axin-2**

|                                                                 |                                                                   |
|-----------------------------------------------------------------|-------------------------------------------------------------------|
| Jurkat & Kasumi-1 for MerTk inhibition                          | K562 & Molm-13 for Axl Inhibition                                 |
| Mean Diff: 2.203 ± 0.1250<br>95%CI: 1.666 to 2.741<br>p= 0.0032 | Mean Diff: 3.272 ± 0.09332<br>95% CI: 2.870 to 3.673<br>p= 0.0008 |

**Table S4: Comparison of treated cell lines (Unpaired t test) for c-Myc**

|                                                                 |                                                                   |
|-----------------------------------------------------------------|-------------------------------------------------------------------|
| Jurkat & Kasumi-1 for MerTk inhibition                          | K562 & Molm-13 for Axl Inhibition                                 |
| Mean Diff: 0.5641 ± 0.1352<br>95%CI: -0.01787 to 1.146<br>p= ns | Mean Diff: 3.178 ± 0.09476<br>95% CI: 2.771 to 3.586<br>p= 0.0009 |