

**Plot function in the annotation summary table in experiment explorer:** A plot button (1) in annotation summary table. The plot (2) should be a box plot of user selected values, e.g., l2ratio1\_2 (3), grouped on annotation, e.g., s\_er\_pos\_neg (4). Boxes should be drawn based on value distribution within annotation group of assays (5).

The screenshot displays the Experiment Explorer interface with several key components:

- Box Plot (2):** A box plot titled "Ticket\_EE\_test2" showing the distribution of l2ratio1\_2 values across three annotation groups: er\_pos, er\_neg, and na. The y-axis ranges from -4 to 3.
- Box Plot Legend (5):** A diagram showing the components of a box plot: 95th percentile, 75th percentile, Median, 25th percentile, and 5th percentile.
- Annotation Summary Table:** A table with a dropdown menu set to "s\_er\_pos\_neg". It shows summary statistics for three groups: er\_pos, er\_neg, and non\_available. A red button labeled "Plot values ..." (1) is located above the table.
- Assay List (3):** A list of assays with columns for Position, l2ratio1\_2, Ch 1, and Ch 2. The l2ratio1\_2 column is color-coded based on its values.
- Filter and Metadata:** A sidebar on the left contains various filters and metadata for the current assay, including Name, External Gene symbol, Last updated, UniGene, Sequence, Tissue, Accession, Chromosome, Markers, LocusLink, Start position, Ensembl Gene, Ensembl protein family, RefSeq, Original accession, GO biological process, GO cell location, Polymorphism, Source, ILMN Gene, Isoform type, Probe coordinates, Control group name, Control composite map, and SNP.