A. Junction detection: GT/AG sites in reference genes



**B.** Junction quantification: Count reads supporting splicing or intron retention



## junction sample condition support count JX 001 Split 16 JX001 WT Non-split 34 Split JX001 Ctrl Ctrl Non-split JX001 40 JX001 Split 10 WT Non-split JX001 JX001 Ctrl Split JX001 Ctrl Non-split JX002 Split 20 TX 999

## C. Dataset of all junctions and samples D. GLM analysis: Fictional examples of outcome

