



Figure S4. U138, RT/HT/RT+HT. Direction-specific summaries (up in red, down in blue) are shown at 0 h and 24 h relative to control for each reference therapy. Track length and marker area are proportional to the number of affected genes, permitting direct assessment of how RT, HT, and RT+HT modulate U138 transcription over time. Cutoffs: $|\log_2 FC| > 1$, gene adjusted $p < 0.05$, gene-set FDR < 0.05 .