YAF vs GFP Binding at Differentially Expressed Gene Promoters Distribution of YAF/GFP Enrichm YAF/GFP Enrichment at Gene Pro log2(YAF/GFP) Binding log2(YAF/GFP) Binding 6 p < 0.0012 2 0 Downregulated Upregulated Downregulated Upregulated YAF vs GFP Signal at Gene Pror **Average Signal Intensity at Gene** 125 Condition **GFP** YAF 100 YAF Signal regulation Mean Signal 75 Downregulated 50 Upregulated 25 Downregulated Upregulated 50 100 150 **GFP Signal Correlation: YAF Binding vs Gene Expression** log2(YAF/GFP) Expression r = -0.433, p = 8.62e - 237regulation 5 Downregulated 0 Upregulated -5 -2 log2(YAF/GFP) Binding