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 p < 0.0012 0 Downregulated Upregulated Downregulated Upregulated YAF vs GFP Signal at Gene Prom **Average Signal Intensity at Gene** 80 Condition **GFP** YAF YAF Signal regulation 60 Mean Signal 0 30 Downregulated 40 Upregulated 20 Downregulated Upregulated 30 60 90 **GFP Signal Correlation: YAF Binding vs Gene Expression** log2(YAF/GFP) Expression r = -0.414, p = 7.47e - 305 regulation Downregulated 0 Upregulated -5 log2(YAF/GFP) Binding