

Table 1: Numerical counts of genes for the strain dHAP4 at the differing significance levels

ANOVA	dHAP4
p<0.05	2479 (40%)
p<0.01	1583 (26%)
p<0.001	739 (12%)
p<0.0001	280 (4.5%)
B & H p<0.05	1735 (28%)
Bonferroni p<0.05	75 (1.2%)

Clusters ordered based on number of genes and profiles ordered by significance (default)

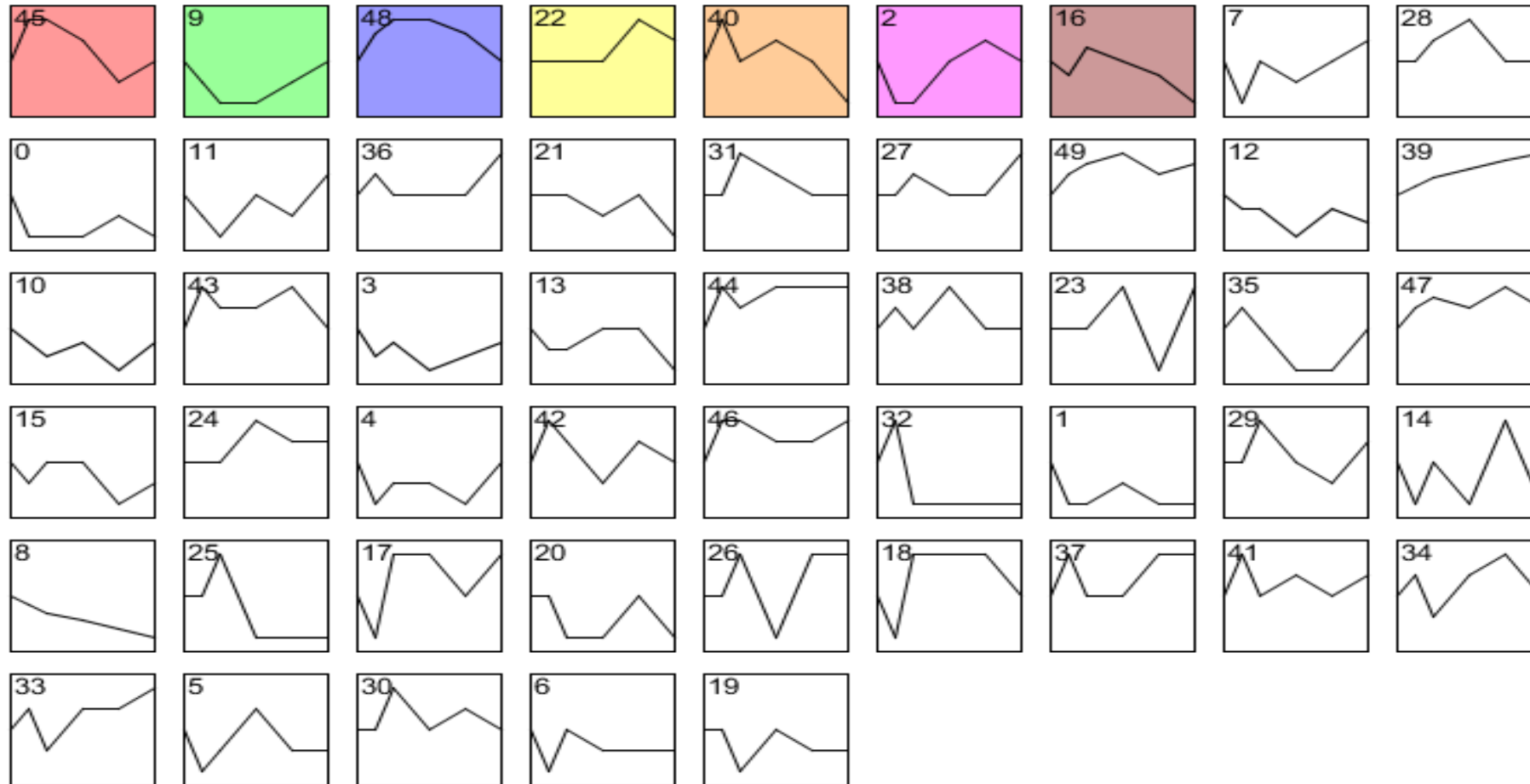


Figure 1: Cluster profiles made via STEM software

Profiles that were up-regulated during cold-shock and down-regulated during recovery

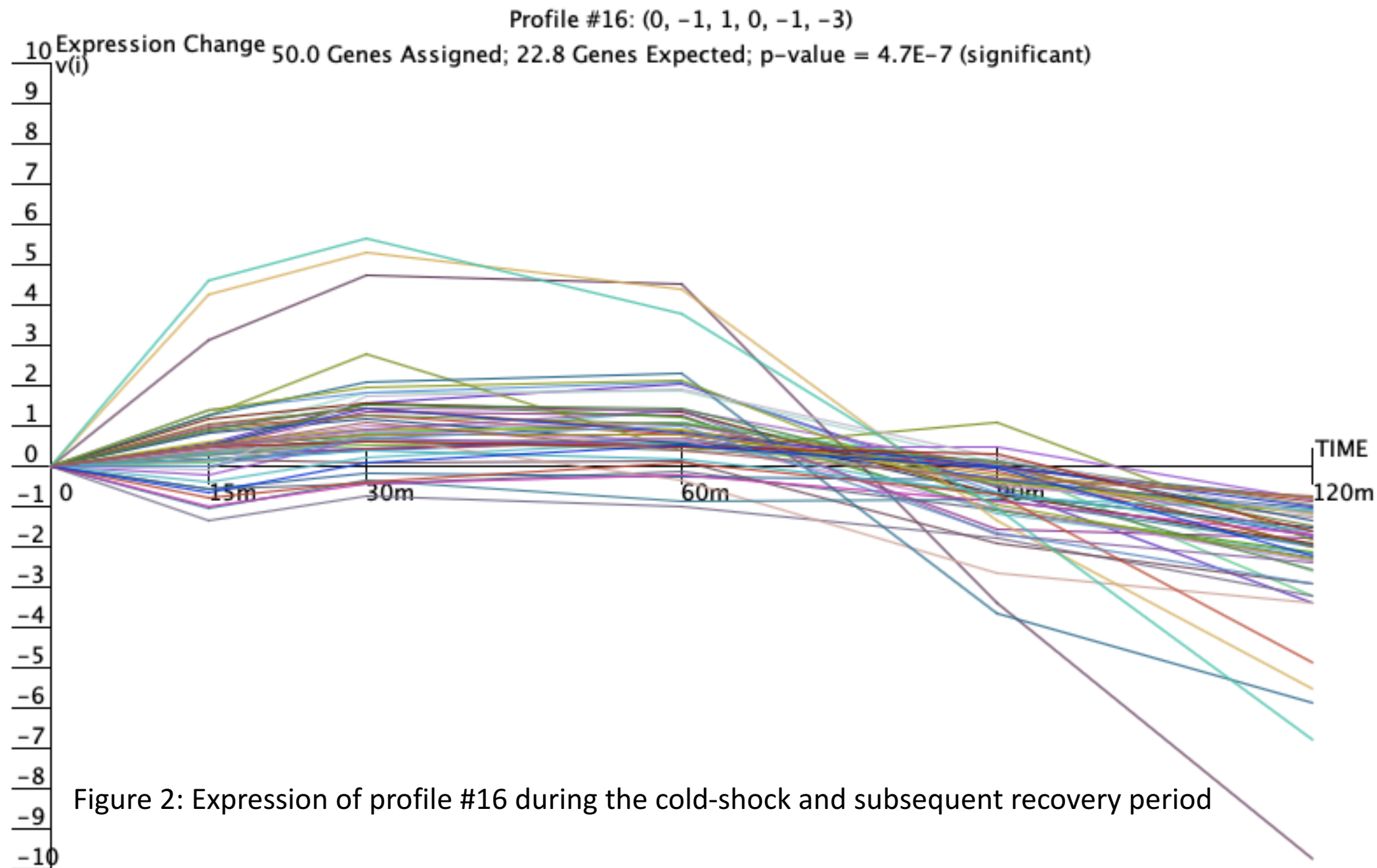


Figure 2: Expression of profile #16 during the cold-shock and subsequent recovery period

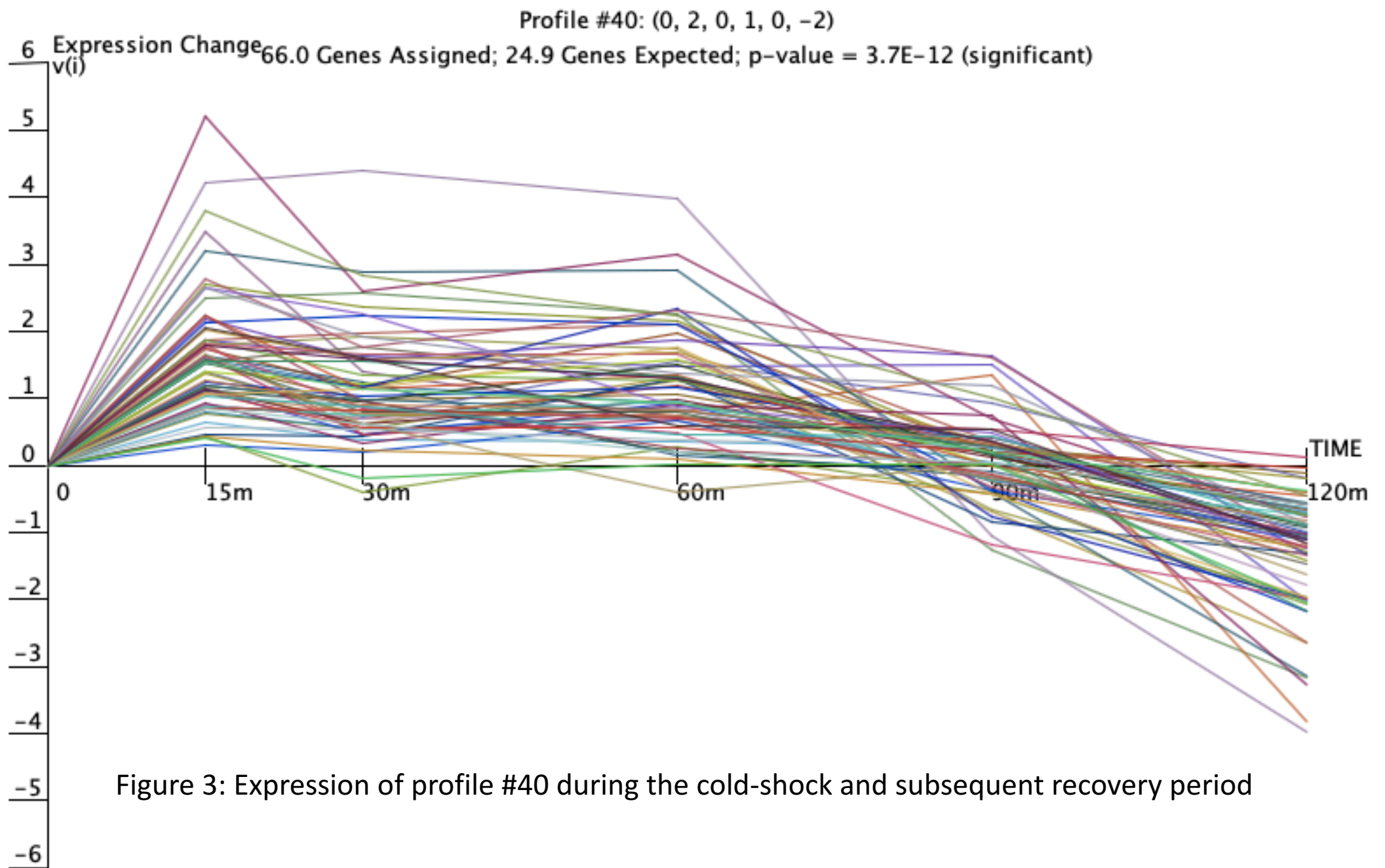


Figure 3: Expression of profile #40 during the cold-shock and subsequent recovery period

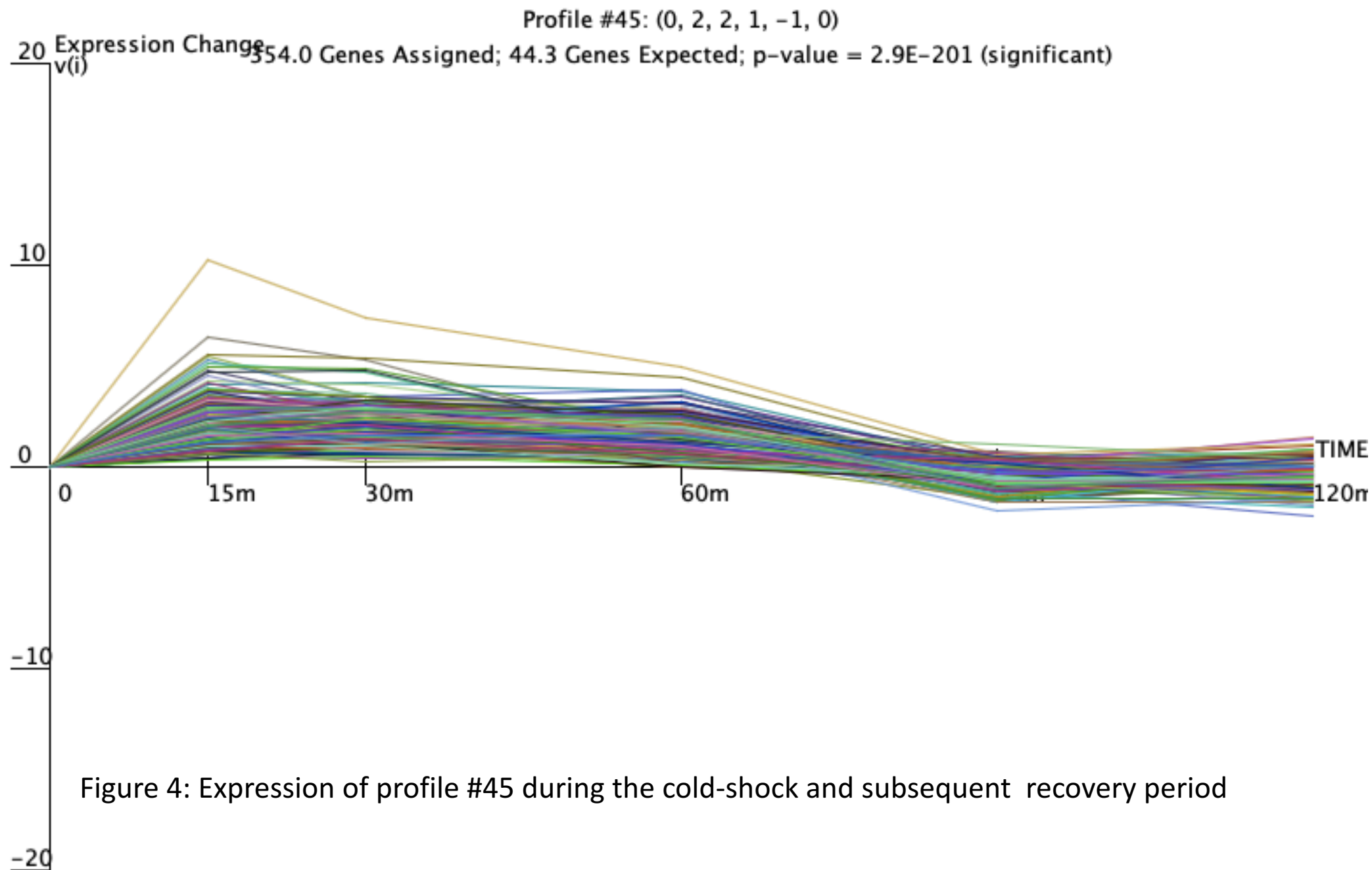
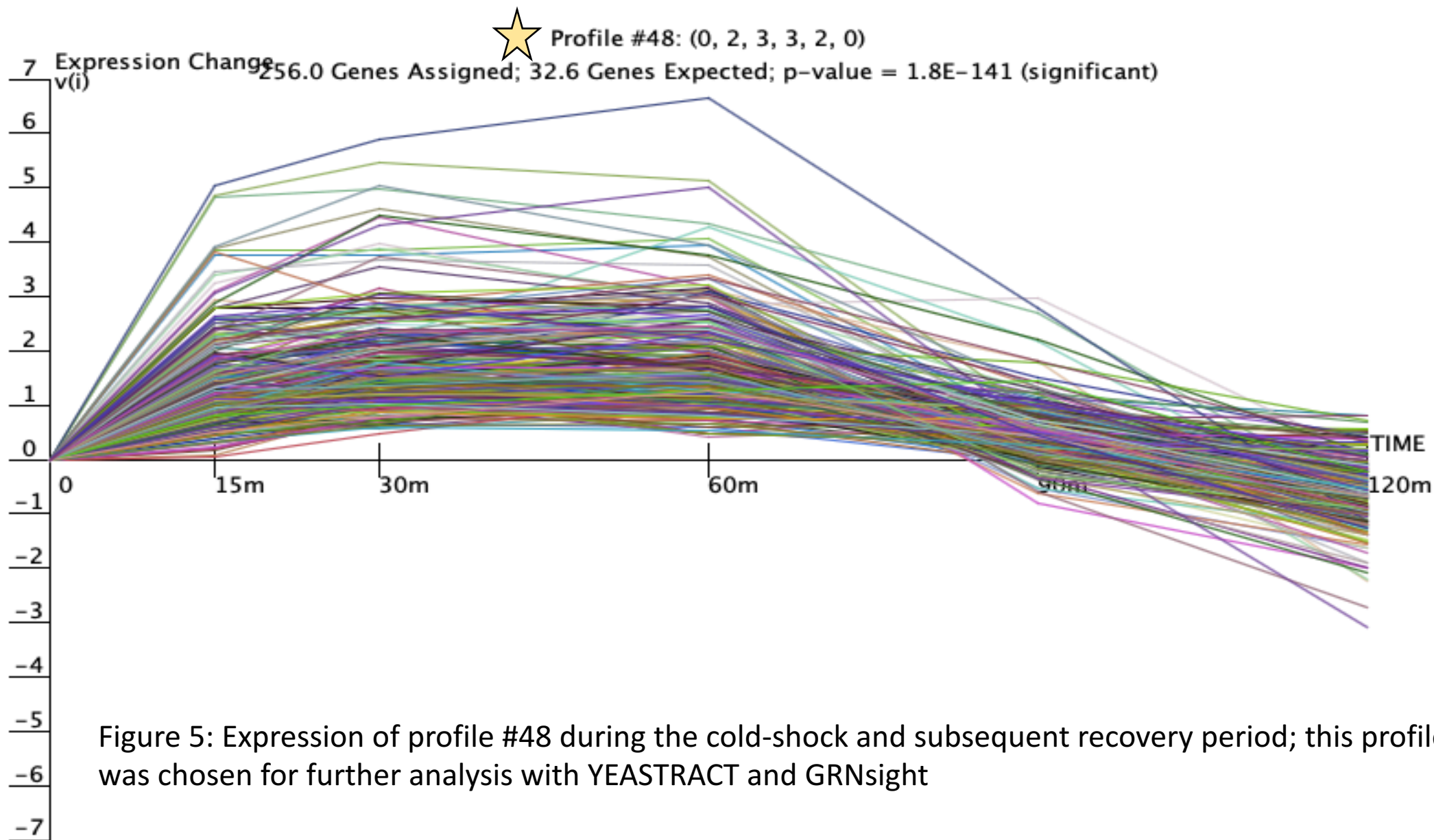


Figure 4: Expression of profile #45 during the cold-shock and subsequent recovery period



Profiles that were down-regulated during cold-shock and up-regulated during recovery

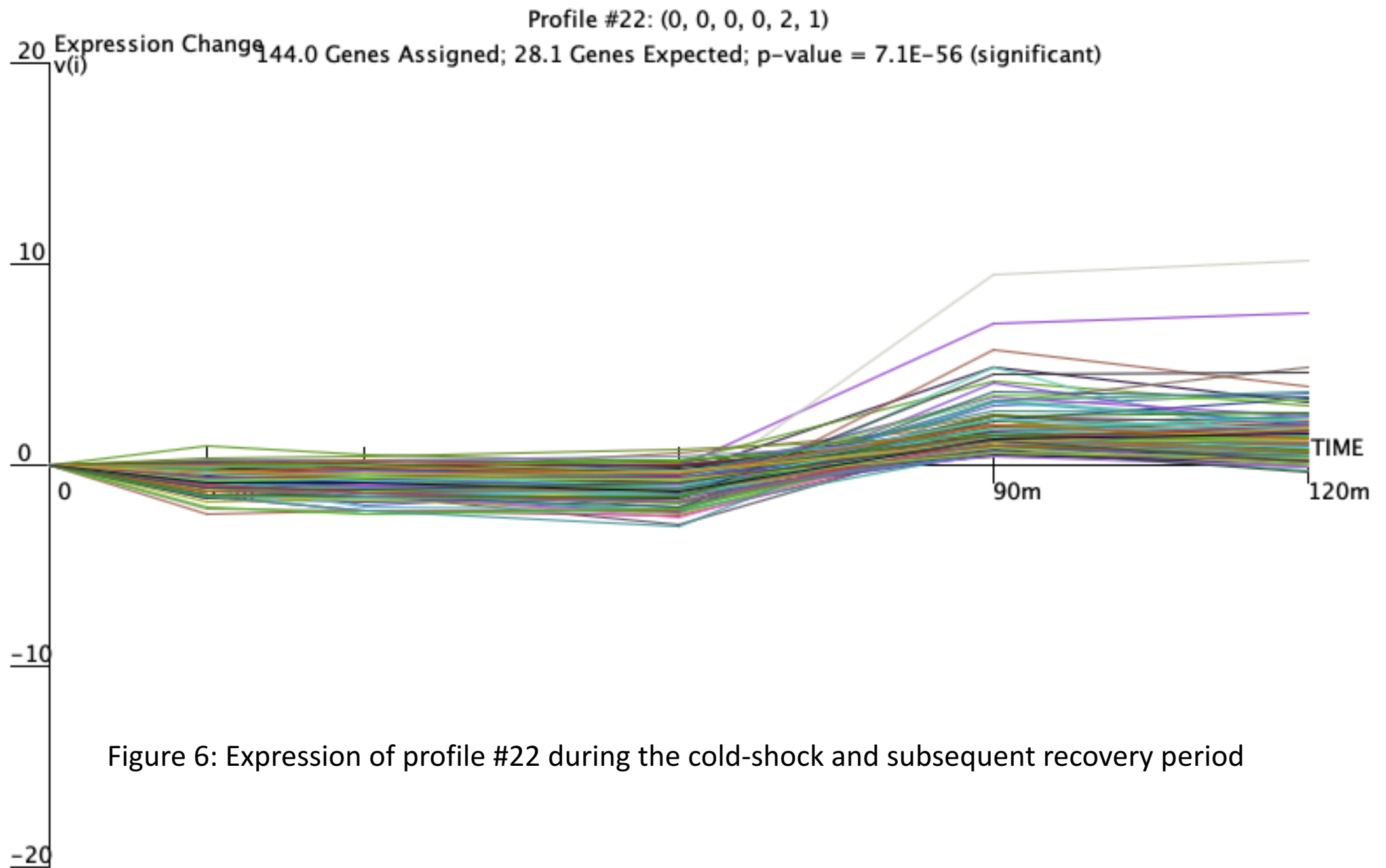


Figure 6: Expression of profile #22 during the cold-shock and subsequent recovery period

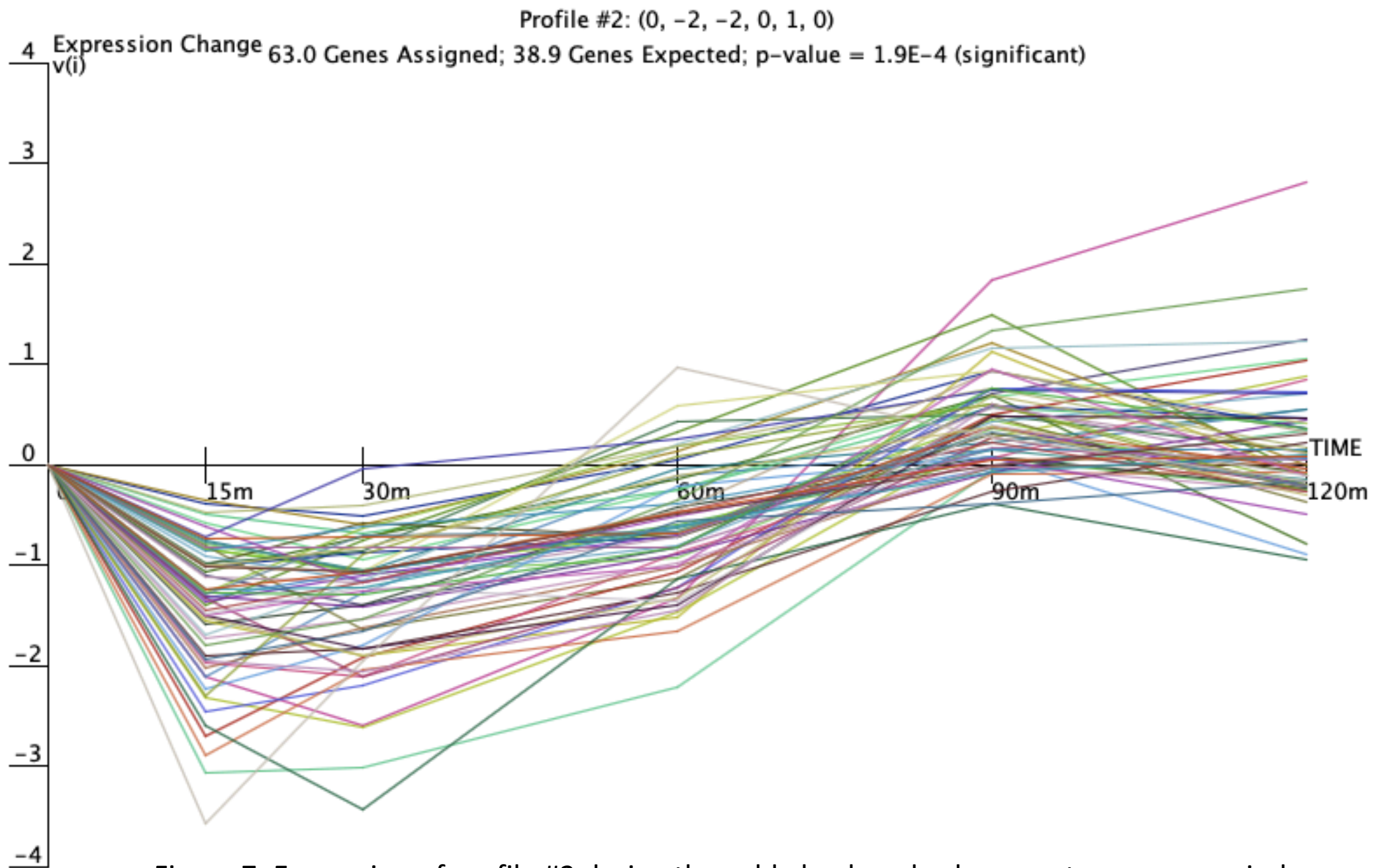


Figure 7: Expression of profile #2 during the cold-shock and subsequent recovery period

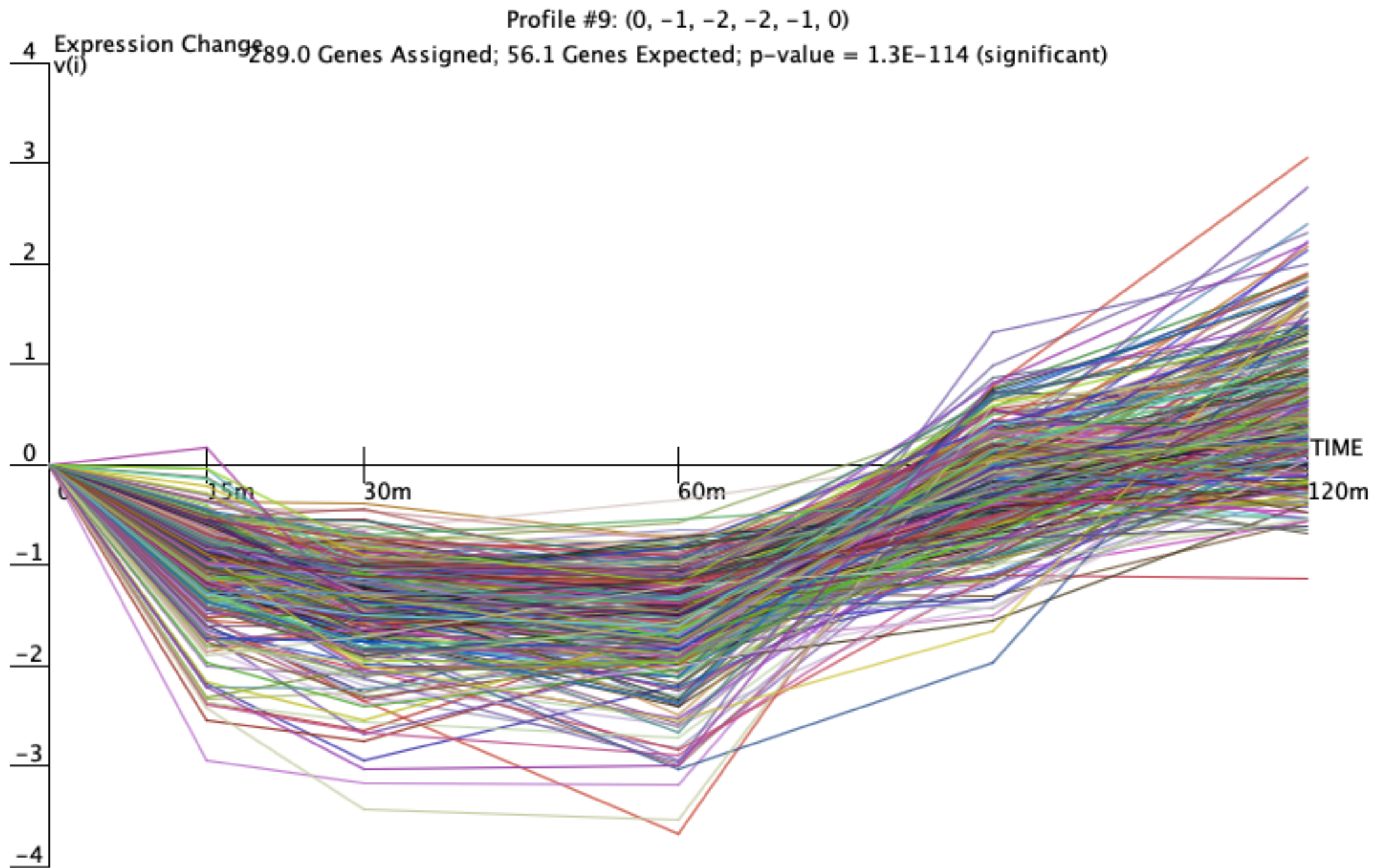


Figure 8: Expression of profile #9 during the cold-shock and subsequent recovery period

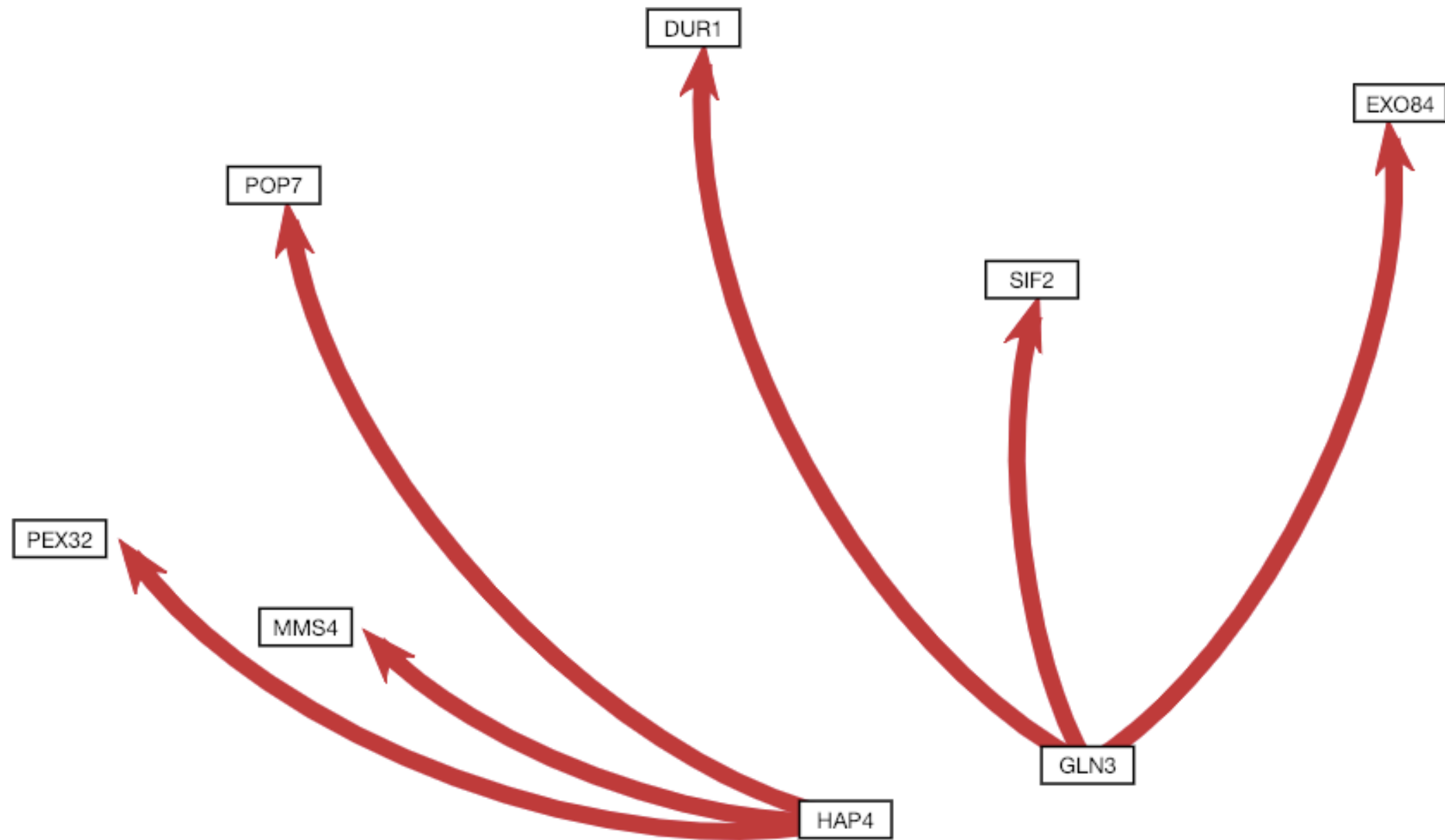


Figure 9: Gene regulatory network created through GRNsight