

Correlations of factors

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1 Computations

1.1 Correlations

Four different sets of correlations are computed, with different advantages and disadvantages. First, correlation of time point averages are computed. These correlations reflect the general time development of the factors. If a correlation coefficient is high, the factors share a similar time profile. The correlations all reflect vectors of 8 values, and are comparable among each other. This correlation is denoted with **Av**.

Second, correlations for individual mice are computed. The time point is ignored here. These correlations reflect a possible mechanistic relation of the factors. The correlations reflect long vectors of variable length because not all factors are measured in each mouse. Correlations which include one of SMA, CTGF, S100A4 cell count are at about 24 values, the others at about 40 values. Thus, the correlation values are not completely comparable, especially those including the SMA, CTGF, S100A4 count. This correlation is denoted with **All**. The disadvantage is that it completely ignores the time from duct ligation.

Third, correlations for individual mice by each individual time point are computed. These correlations reflect a possible mechanistic relation best. However, the correlations are computed for short vectors of up to 5 values. For some correlations including the SMA, CTFG, S1004A count, there are only 2 values (thus, the correlation can only 1 or -1 in this case). There are eight correlations of this type and they are denoted with T0h, ..., T14d. The main disadvantage is the low robustness due to the small number of values.

Fourth, correlations for individual mice for two or three adjacent time points are computed. The correlations are computed for vectors from 6 to 15 values and are more robust than the single time point correlation above. They also represent time developments in a restricted time range. There are eleven correlations of this type. The time frames which coincide with the disease phases are denoted with Init (6-12h), Perp (18f-2d), and Progr (5-14d). The other correlations are simply denoted by the time frame: 6-18h, 12-18h, 12-30h, 18-30h, 30h-2d, 30h-5d, 2-5d, and 2-14d. The correlation show the correlation at a specific time frame and the main disadvantage is that there are quite many correlation numbers to consider. This problem is tackled with the computation of a consensus score.

1.2 Consensus correlations

The following observations are based on the consensus of correlation. The consensus is calculated from the correlations shown above, where the correlation among all mice, and the correlation of time averages has 4 times higher weight:

$$\begin{aligned}
 C(\alpha, \beta) &= \max \left\{ \sum_{i=1}^{21} w_i s_i \text{pos}(\text{corr}_i(\alpha, \beta)), \sum_{i=1}^{21} w_i s_i \text{neg}(\text{corr}_i(\alpha, \beta)) \right\} \\
 w_{1,2} &= 4, w_{i>3} = 1 \\
 \text{corr}_i(\alpha, \beta) &\dots \text{PEARSON correlation \# } i \text{ of factors } \alpha \text{ and } \beta \\
 \text{pos}(x) &= \begin{cases} x, & \text{if } x > 0 \\ 0, & \text{if } x \leq 0 \end{cases} \dots \text{positive part} \\
 \text{neg}(x) &= \begin{cases} 0 & \text{if } x > 0 \\ -x & \text{if } x \leq 0 \end{cases} \dots \text{positive part} \\
 s_i &= \min \{1, -\log_{100} p_i(\alpha, \beta)\} \\
 p_i(\alpha, \beta) &\dots \text{t-test significance of } \text{corr}_i(\alpha, \beta)! = 0
 \end{aligned}$$

The square of the correlation is chosen to emphasize the differences among relatively high (>0.5) correlations. rank_i refers to the list of the correlations of all factors ordered by their absolute values. The exponents is chosen such that the rank modification has a smaller contribution than the correlation itself. The rank modification help to balance factors with an uneven distribution of correlations.

The following tables show factors with the highest consensus correlation (and anti-correlation). They are the main candidates for marker genes.

The following abbreviations are used:

| | |
|-----------|---|
| RNAa | RNA of the ADME set |
| RNAz | TNA of the zytokine set |
| RNAf | RNA of the fibrosis set |
| Init | correlation of mice of the initial phase (6-12h) |
| Perp | correlation of mice of the initial phase (18h-2d) |
| Progr | correlation of mice of the initial phase (5-14d) |
| All | correlation of all individual mice |
| Av | correlation of the time averages |
| T0h...14d | correlation of the mice of a single time point |

2 Heatmaps of consensus correlations

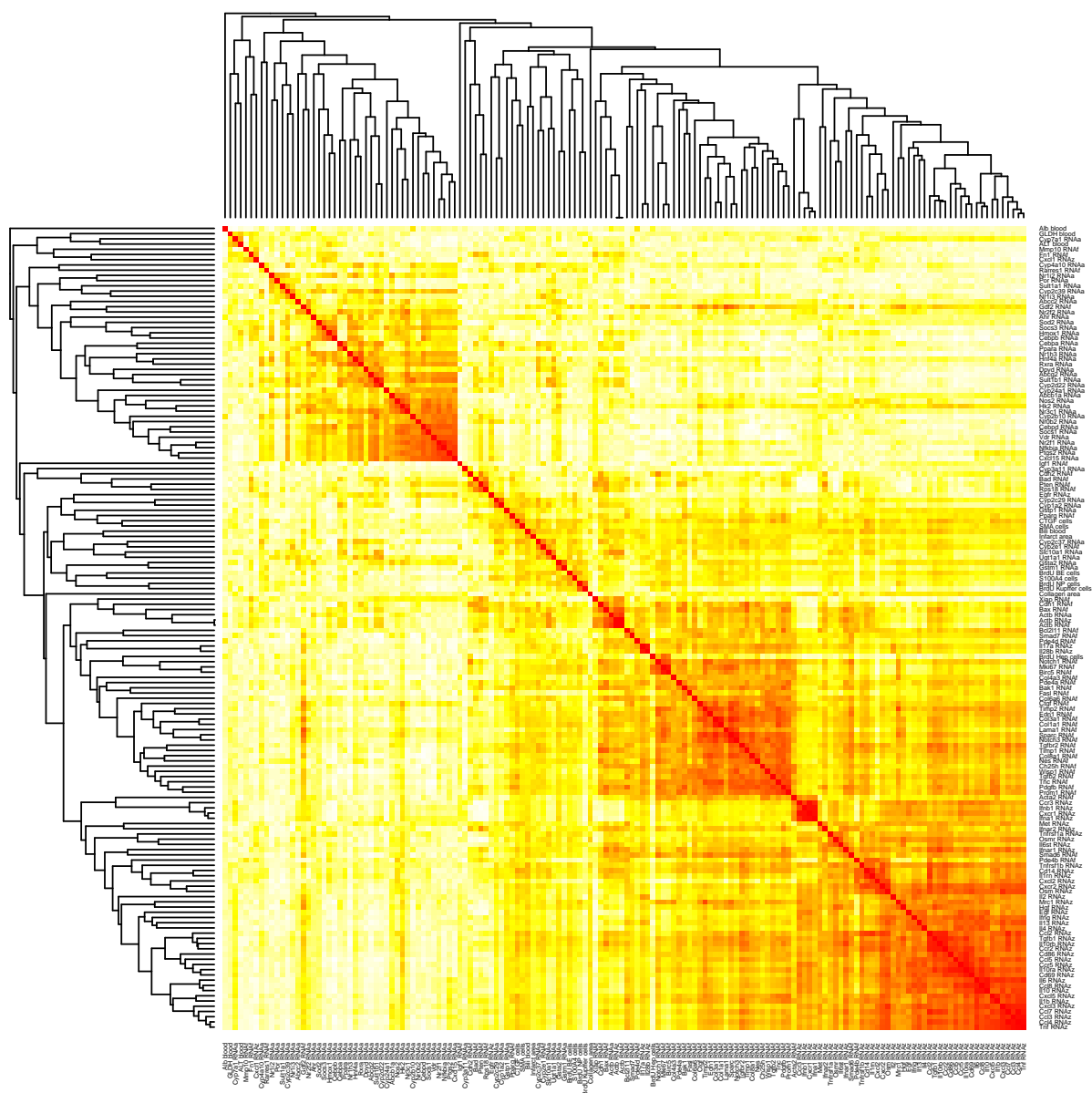


Figure 1 – Heatmap of consensus correlation of all factors.

2.1 Heatmap of 80 cluster set

Table 1 – cluster definition of 80 cluster set

| Cluster name | factors |
|----------------|--|
| Actb RNAf | Actb RNAf, Actb RNAz, Actb RNAa, Bax RNAf |
| Cytokines | Ccl4 RNAz, Tnf RNAz, Ccl7 RNAz, Ccl3 RNAz, Il10 RNAz, Ccl8 RNAz, Il6 RNAz, Cd69 RNAz, Il10ra RNAz, Ccr5 RNAz, Ccl5 RNAz, Il10rb RNAz, Ccr2 RNAz, Cxcl3 RNAz, Tgfb1 RNAz, Cd86 RNAz, Il1b RNAz, Cxcl5 RNAz, Ccl2 RNAz, Il13 RNAz, Ifng RNAz, Il4 RNAz, Egf RNAz |
| Cxcr1 RNAz | Cxcr1 RNAz, Ifna1 RNAz, Ccr3 RNAz, Ifnb1 RNAz |
| Birc5 RNAf | Birc5 RNAf, Mki67 RNAf, Notch1 RNAf |
| Fibrosis genes | Sparc RNAf, Notch3 RNAf, Col1a1 RNAf, Col3a1 RNAf, Lama1 RNAf, Pdgfb RNAf, Prom1 RNAf, Timp2 RNAf, Edn1 RNAf, Tgfb2 RNAf, Tnc RNAf, Col8a1 RNAf, Wisp1 RNAf, Tgfb2 RNAf, Timp1 RNAf, Ctgf RNAf, Nes RNAf, Ch25h RNAf |
| Il28b RNAz | Il28b RNAz, Il17a RNAz |
| ADME genes | Nfkbia RNAa, Nr2f1 RNAa, Cxcl15 RNAa, Ptgs2 RNAa, Cebpd RNAa, Socs1 RNAa, Vdr RNAa, Nr0b2 RNAa |
| Il1rn RNAz | Il1rn RNAz, Cd14 RNAz, Osm RNAz, Cxcr2 RNAz, Cxcl2 RNAz, Tnfrsf1b RNAz |
| Sult1b1 RNAa | Sult1b1 RNAa, Cyp2d22 RNAa |
| Nr3c1 RNAa | Nr3c1 RNAa, Hk2 RNAa, Nos2 RNAa |
| Ifnar1 RNAz | Ifnar1 RNAz |
| Hgf RNAz | Hgf RNAz, Mrc1 RNAz |
| Gdf2 RNAf | Gdf2 RNAf |
| Osmr RNAz | Osmr RNAz, Il6st RNAz, Tnfrsf1a RNAz |
| Bak1 RNAf | Bak1 RNAf |
| Cdh1 RNAf | Cdh1 RNAf |
| Cyp1a2 RNAa | Cyp1a2 RNAa, Cyp2c29 RNAa |
| Rxra RNAa | Rxra RNAa, Hnf4a RNAa, Nr1h3 RNAa |
| Pten RNAf | Pten RNAf, Rps18 RNAf |
| Pde4b RNAf | Pde4b RNAf |
| Hmox1 RNAa | Hmox1 RNAa, Cebpb RNAa |
| Cyp2b10 RNAa | Cyp2b10 RNAa |
| Il2 RNAz | Il2 RNAz |
| BrdU Kup cells | BrdU Kup cells |
| Gstm1 RNAa | Gstm1 RNAa, Gsta2 RNAa |
| Bcl2l11 RNAf | Bcl2l11 RNAf |
| BrdU Hep cells | BrdU Hep cells |
| Abcg2 RNAa | Abcg2 RNAa |
| Pde4a RNAf | Pde4a RNAf |
| Smad6 RNAf | Smad6 RNAf |
| Nr2f2 RNAa | Nr2f2 RNAa |
| Ppara RNAa | Ppara RNAa, Cebpa RNAa |
| Col6a6 RNAf | Col6a6 RNAf |
| Socs3 RNAa | Socs3 RNAa |
| Fasf RNAf | Fasf RNAf |
| Abcb1a RNAa | Abcb1a RNAa |
| Acta2 RNAf | Acta2 RNAf |
| Dpyd RNAa | Dpyd RNAa |
| Cdh2 RNAf | Cdh2 RNAf |
| Ifnar2 RNAz | Ifnar2 RNAz |
| Col4a3 RNAf | Col4a3 RNAf |
| Cyp2c37 RNAa | Cyp2c37 RNAa |
| Cyp2e1 RNAf | Cyp2e1 RNAf |
| Cyp24a1 RNAa | Cyp24a1 RNAa |
| Slc10a1 RNAa | Slc10a1 RNAa |
| Ugt1a1 RNAa | Ugt1a1 RNAa |
| Bad RNAf | Bad RNAf |
| Met RNAz | Met RNAz |
| Smad7 RNAf | Smad7 RNAf |
| SMA cells | SMA cells |
| CTGF cells | CTGF cells |

Continued on next page

cluster definition of 80 cluster set– continued

| Cluster name | factors |
|---------------|---------------|
| Sod2 RNAa | Sod2 RNAa |
| Xiap RNAf | Xiap RNAf |
| Cyp2c39 RNAa | Cyp2c39 RNAa |
| Ahr RNAa | Ahr RNAa |
| Nr1i3 RNAa | Nr1i3 RNAa |
| Nr1i2 RNAa | Nr1i2 RNAa |
| Pparg RNAf | Pparg RNAf |
| BrdU BE cells | BrdU BE cells |
| S100A4 cells | S100A4 cells |
| Abcc2 RNAa | Abcc2 RNAa |
| Bili blood | Bili blood |
| Infarct area | Infarct area |
| Pde4d RNAf | Pde4d RNAf |
| ALT blood | ALT blood |
| Cyp7a1 RNAa | Cyp7a1 RNAa |
| Sult1a1 RNAa | Sult1a1 RNAa |
| Cyp4a10 RNAa | Cyp4a10 RNAa |
| Por RNAa | Por RNAa |
| Fn1 RNAf | Fn1 RNAf |
| Cxcl1 RNAz | Cxcl1 RNAz |
| Egfr RNAz | Egfr RNAz |
| Gstp1 RNAa | Gstp1 RNAa |
| GLDH blood | GLDH blood |
| Collagen area | Collagen area |
| Mmp10 RNAf | Mmp10 RNAf |
| Rarres1 RNAf | Rarres1 RNAf |
| Igf1 RNAf | Igf1 RNAf |
| Alb blood | Alb blood |
| Cyp3a11 RNAa | Cyp3a11 RNAa |

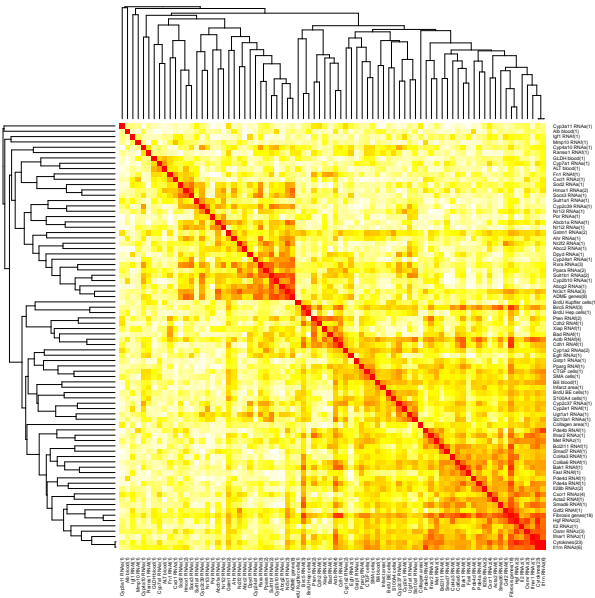


Figure 2 – Heatmap of consensus correlation of 80 clusters set. The colors are scaled to the highest non-diagonal value.

2.2 Heatmap of 30 cluster set

Table 2 – cluster definition of 30 cluster set

| Cluster name | factors |
|----------------|---|
| Il28b RNAz | Il28b RNAz, Il17a RNAz, Pde4d RNAf |
| ADME | Nfkbia RNAa, Cxcl15 RNAa, Vdr RNAa, Nr2f1 RNAa, Ptgs2 RNAa, Sult1b1 RNAa, Cyp2d22 RNAa, Nr0b2 RNAa, Nr3c1 RNAa, Hk2 RNAa, Cebpd RNAa, Socs1 RNAa, Nos2 RNAa, Cyp2b10 RNAa, Cyp24a1 RNAa, Abcg2 RNAa, Rxra RNAa, Hnf4a RNAa, Abcb1a RNAa, Nr1h3 RNAa, Dpyd RNAa, Ahr RNAa |
| Cytokine | Ifng RNAz, Il4 RNAz, Il10 RNAz, Ccl8 RNAz, Tnf RNAz, Il6 RNAz, Il10ra RNAz, Ccr5 RNAz, Ccl4 RNAz, Ifnb1 RNAz, Cxcr1 RNAz, Ccr3 RNAz, Egf RNAz, Osm RNAz, Cd69 RNAz, Tgfb1 RNAz, Il10rb RNAz, Ccl3 RNAz, Ccl7 RNAz, Il13 RNAz, Ifna1 RNAz, Ccl5 RNAz, Ccr2 RNAz, Ccl2 RNAz, Il2 RNAz, Il1b RNAz, Cxcl3 RNAz, Cd86 RNAz, Cxcr2 RNAz, Il1rn RNAz, Cd14 RNAz, Cxcl5 RNAz, Tnfrsf1b RNAz, Osmr RNAz, Hgf RNAz, Mrc1 RNAz, Cxcl2 RNAz, Pde4b RNAf, Met RNAz |
| Fibrosis | Birc5 RNAf, Mki67 RNAf, Sparc RNAf, Col3a1 RNAf, Notch3 RNAf, Col1a1 RNAf, Pdgfb RNAf, Tnc RNAf, Col8a1 RNAf, Prom1 RNAf, Wisp1 RNAf, Timp1 RNAf, Timp2 RNAf, Tgfb2 RNAf, Lama1 RNAf, Tgfb2 RNAf, CTGF cells, Edn1 RNAf, Ifnar1 RNAz, Ctgf RNAf, SMA cells, Nes RNAf, Notch1 RNAf, Ch25h RNAf, Cdh1 RNAf, Bak1 RNAf, BrdU Hep cells, Smad6 RNAf, Col6a6 RNAf, Pde4a RNAf, Fasl RNAf, Col4a3 RNAf, Ifnar2 RNAz, Acta2 RNAf |
| Actb RNAf | Actb RNAf, Actb RNAz, Actb RNAa, Bax RNAf, Xiap RNAf |
| BrdU Kup cells | BrdU NP cells, BrdU Kup cells, BrdU BE cells, S100A4 cells, Gstm1 RNAa, Gsta2 RNAa |
| Hmox1 RNAa | Hmox1 RNAa, Cebpb RNAa, Socs3 RNAa, Sod2 RNAa, Cxcl1 RNAz |
| Gdf2 RNAf | Gdf2 RNAf |
| Cyp1a2 RNAa | Cyp1a2 RNAa, Cyp2c29 RNAa |
| Tnfrsf1a RNAz | Tnfrsf1a RNAz, Il6st RNAz |
| Cyp2c39 RNAa | Cyp2c39 RNAa, Nr1i3 RNAa |
| Fn1 RNAf | Pten RNAf, Rps18 RNAf, Bad RNAf, Cdh2 RNAf, Fn1 RNAf |
| Pparg RNAf | Pparg RNAf |
| Cyp2c37 RNAa | Cyp2c37 RNAa, Cyp2e1 RNAf, Cyp4a10 RNAa |
| Nr2f2 RNAa | Nr2f2 RNAa, Abcc2 RNAa |
| Ppara RNAa | Ppara RNAa, Cebpa RNAa |
| Bcl2l11 RNAf | Bcl2l11 RNAf, Smad7 RNAf |
| Egfr RNAz | Egfr RNAz |
| Slc10a1 RNAa | Slc10a1 RNAa, Ugt1a1 RNAa, Por RNAa |
| Rarres1 RNAf | Rarres1 RNAf |
| Gstp1 RNAa | Gstp1 RNAa |
| Bili blood | Bili blood, Infarct area |
| GLDH blood | GLDH blood |
| Nr1i2 RNAa | Nr1i2 RNAa, Sult1a1 RNAa |
| ALT blood | Cyp7a1 RNAa, ALT blood |
| Cyp3a11 RNAa | Cyp3a11 RNAa |
| Collagen area | Collagen area |
| Mmp10 RNAf | Mmp10 RNAf |
| Alb blood | Alb blood |
| Igf1 RNAf | Igf1 RNAf |

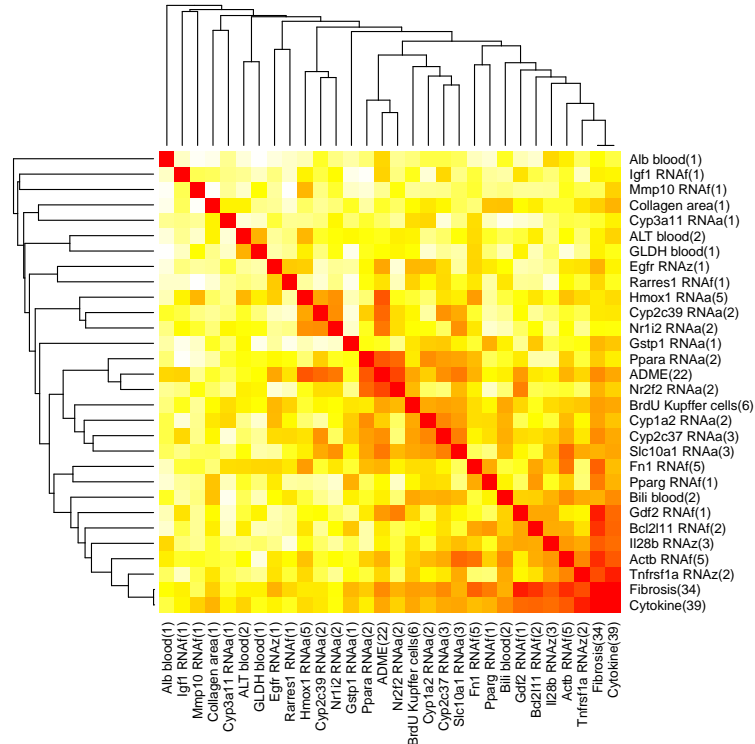


Figure 3 – Heatmap of consensus correlation of 80 clusters set.

2.3 Heatmap of main factors

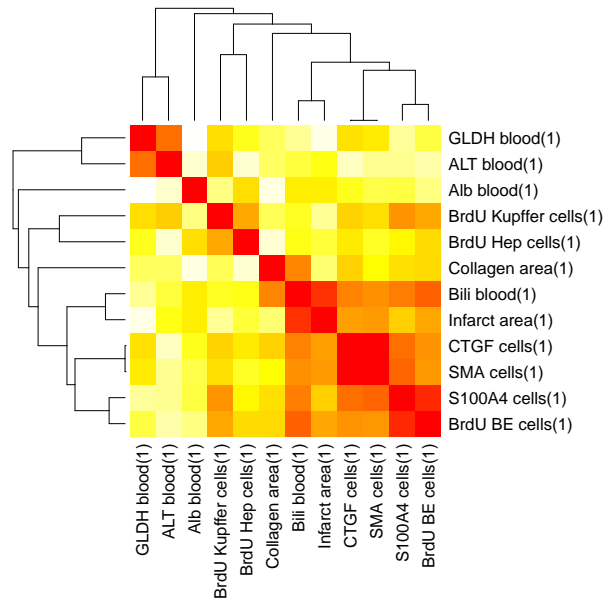


Figure 4 – Heatmap of consensus correlation of main factors.

3 Cluster maps of consensus correlations

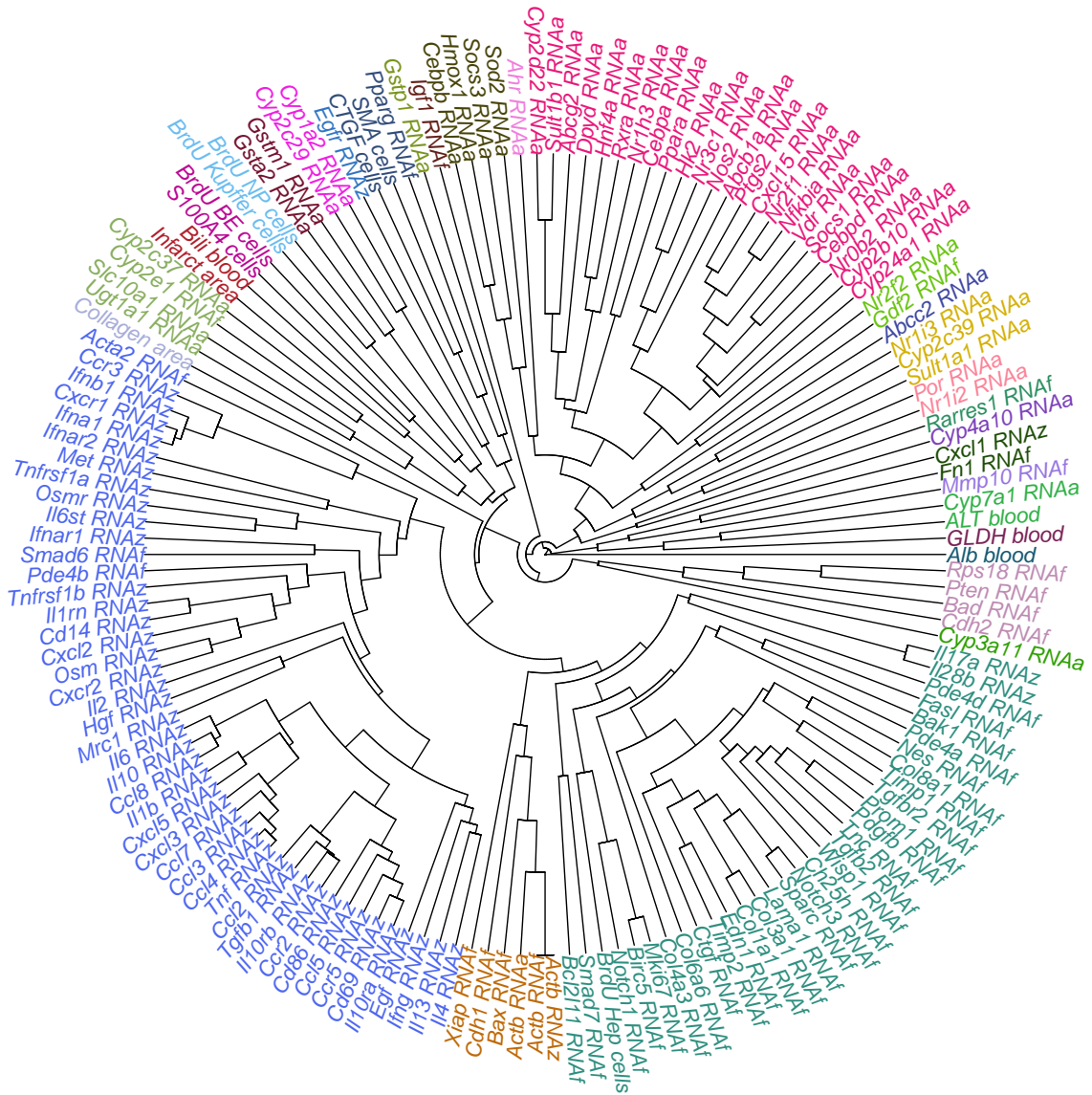


Figure 5 – Circular dendrogram of consensus correlation of all factors, 30 colors.

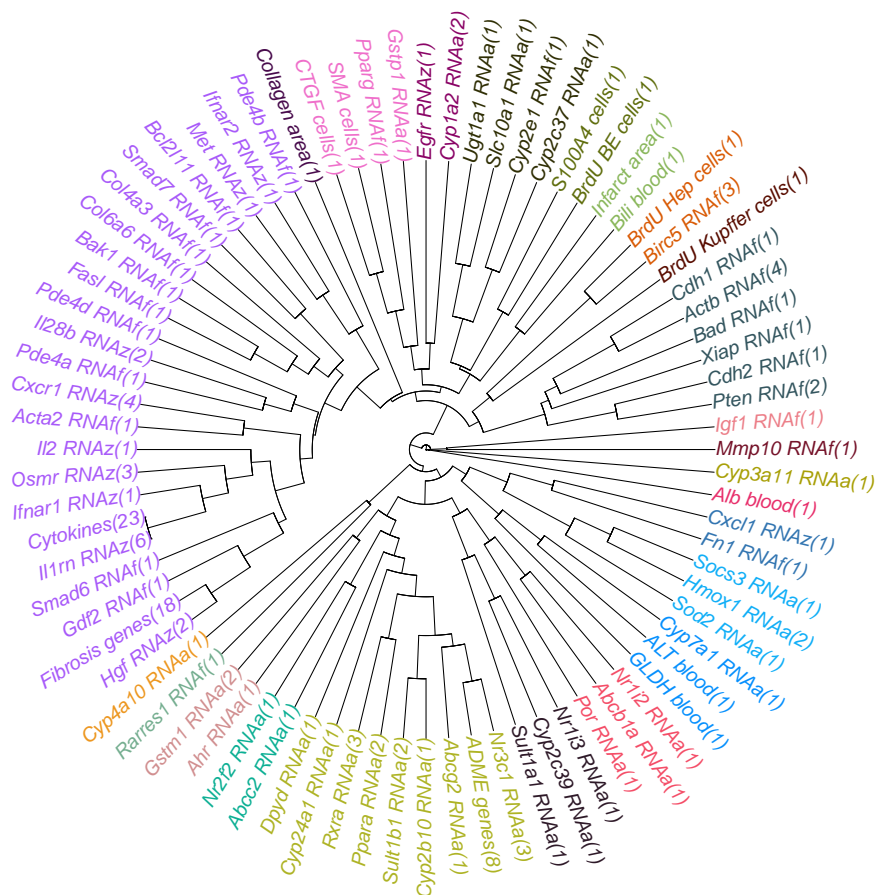


Figure 6 – Circular dendrogram of consensus correlation of 80 cluster set, 24 colors.

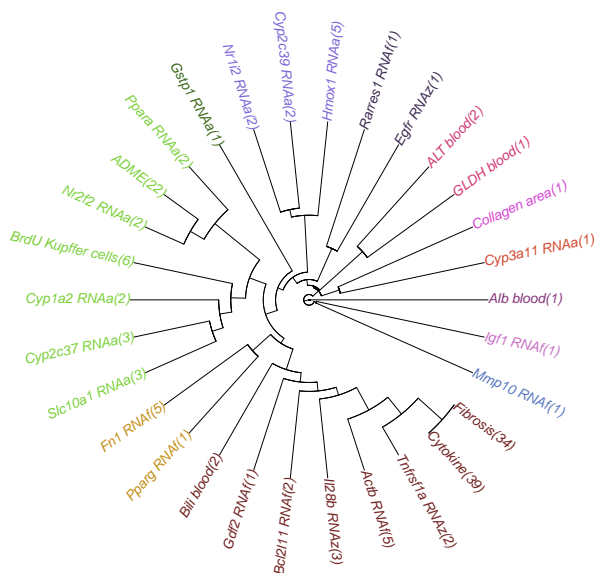


Figure 7 – Circular dendrogram of consensus correlation of 30 cluster set, 12 colors.

4 Most correlated factors for each main factor

The following digrams are larger versions of the respective diagrams in the main manuscript. Here, the list of 18 most correlated factors is shown. Each entry holds the respective number.

4.1 ALT blood

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 80h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|--------------|------|-------|-------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cyp7a1 RNAa | 9.12 | -0.81 | -0.66 | 0.18 | -0.38 | 0.03 | -0.54 | -0.7 | -0.64 | -0.78 | -0.9 | -0.76 | -0.71 | -0.78 | 0.7 | -0.96 | 0.62 | -0.36 | -0.87 | -0.81 | -0.98 | -0.78 |
| | | 0.02 | 0 | 0.62 | 0.28 | 0.94 | 0.11 | 0.02 | 0.04 | 0.01 | 0.001 | 0.02 | 0.005 | 0.01 | 0.18 | 0.01 | 0.27 | 0.56 | 0.06 | 0.1 | 0.02 | 0.12 |
| Hmox1 RNAa | 8.62 | 0.73 | 0.62 | 0.29 | 0.7 | 0.47 | 0.02 | 0.39 | 0.87 | 0.61 | 0.22 | 0.81 | 0.8 | 0.74 | -0.73 | 0.69 | -0.22 | 0.78 | 0.6 | 0.98 | 0.58 | 0.5 |
| | | 0.04 | 0 | 0.41 | 0.02 | 0.17 | 0.96 | 0.26 | 0.001 | 0.06 | 0.57 | 0.01 | 0.001 | 0.02 | 0.16 | 0.19 | 0.72 | 0.12 | 0.28 | 0.003 | 0.42 | 0.39 |
| GLDH blood | 8.46 | 0.76 | 0.67 | 0.47 | 0.31 | 0.25 | 0.9 | 0.72 | 0.43 | 0.82 | 0.67 | 0.15 | 0.46 | 0.42 | 0.59 | 0.34 | 0.83 | 0.21 | 0.95 | 0.89 | -0.26 | -0.28 |
| | | 0.03 | 0 | 0.17 | 0.39 | 0.48 | 0.0004 | 0.02 | 0.22 | 0.004 | 0.03 | 0.68 | 0.09 | 0.23 | 0.29 | 0.58 | 0.08 | 0.74 | 0.01 | 0.04 | 0.68 | 0.65 |
| Cebpb RNAa | 6.75 | 0.72 | 0.49 | 0.22 | 0.64 | 0.38 | -0.11 | 0.37 | 0.83 | 0.49 | 0.04 | 0.47 | 0.5 | 0.39 | 0.34 | 0.63 | -0.67 | 0.86 | -0.09 | 0.81 | 0.14 | -0.07 |
| | | 0.04 | 0.002 | 0.54 | 0.05 | 0.28 | 0.76 | 0.3 | 0.003 | 0.15 | 0.92 | 0.2 | 0.07 | 0.3 | 0.57 | 0.25 | 0.22 | 0.06 | 0.88 | 0.1 | 0.86 | 0.91 |
| Cxcl1 RNAz | 6.75 | 0.74 | 0.5 | -0.59 | 0.43 | 0.44 | -0.13 | 0.37 | 0.63 | 0.33 | 0.47 | 0.55 | 0.52 | 0.53 | 0.92 | -0.58 | -0.56 | 0.8 | 0.11 | 0.49 | 0.89 | -0.04 |
| | | 0.04 | 0.001 | 0.07 | 0.21 | 0.21 | 0.71 | 0.29 | 0.05 | 0.35 | 0.2 | 0.12 | 0.05 | 0.15 | 0.03 | 0.3 | 0.32 | 0.11 | 0.85 | 0.4 | 0.11 | 0.95 |
| Fn1 RNAf | 6.42 | 0.78 | 0.6 | -0.18 | 0.2 | -0.06 | -0.15 | 0.12 | 0.61 | 0.49 | 0.41 | 0.59 | 0.64 | 0.61 | 0.42 | -0.37 | -0.66 | 0.42 | 0.29 | 0.7 | 0.63 | 0.44 |
| | | 0.02 | 0 | 0.61 | 0.57 | 0.86 | 0.68 | 0.74 | 0.06 | 0.15 | 0.27 | 0.1 | 0.01 | 0.08 | 0.48 | 0.54 | 0.23 | 0.48 | 0.64 | 0.19 | 0.37 | 0.46 |
| Socs3 RNAa | 5.97 | 0.51 | 0.46 | 0.09 | 0.31 | 0.27 | -0.18 | 0.19 | 0.75 | 0.5 | 0.25 | 0.68 | 0.63 | 0.37 | -0.01 | 0.44 | -0.43 | 0.53 | -0.2 | 0.87 | 0.51 | -0.36 |
| | | 0.19 | 0.004 | 0.81 | 0.38 | 0.46 | 0.62 | 0.6 | 0.01 | 0.15 | 0.52 | 0.04 | 0.02 | 0.32 | 0.98 | 0.46 | 0.47 | 0.36 | 0.75 | 0.06 | 0.49 | 0.55 |
| Cyp2d22 RNAa | 5.95 | -0.62 | -0.42 | -0.03 | 0.002 | 0.22 | -0.26 | -0.35 | -0.6 | -0.67 | -0.45 | -0.65 | -0.53 | -0.35 | -0.64 | 0.24 | 0.45 | 0.17 | -0.6 | -0.85 | -0.34 | -0.47 |
| | | 0.1 | 0.01 | 0.93 | 1 | 0.54 | 0.47 | 0.32 | 0.07 | 0.03 | 0.22 | 0.06 | 0.05 | 0.36 | 0.24 | 0.7 | 0.44 | 0.78 | 0.29 | 0.07 | 0.66 | 0.43 |
| Actb RNAf | 5.95 | 0.25 | 0.39 | 0.1 | 0.25 | 0.18 | 0.1 | 0.17 | 0.76 | 0.48 | 0.41 | 0.89 | 0.67 | 0.66 | -0.34 | -0.14 | 0.07 | 0.45 | 0.12 | 0.91 | 0.92 | 0.84 |
| | | 0.55 | 0.01 | 0.78 | 0.49 | 0.62 | 0.78 | 0.65 | 0.01 | 0.16 | 0.27 | 0.001 | 0.01 | 0.05 | 0.57 | 0.82 | 0.92 | 0.44 | 0.85 | 0.03 | 0.08 | 0.08 |
| Cebpa RNAa | 5.91 | -0.59 | -0.48 | -0.41 | -0.25 | 0.42 | -0.7 | -0.51 | -0.01 | -0.49 | -0.69 | -0.26 | -0.31 | -0.15 | -0.46 | -0.65 | 0.15 | 0.78 | -0.88 | -0.52 | -0.38 | 0.02 |
| | | 0.12 | 0.002 | 0.24 | 0.49 | 0.23 | 0.02 | 0.13 | 0.97 | 0.15 | 0.04 | 0.5 | 0.28 | 0.7 | 0.43 | 0.23 | 0.8 | 0.12 | 0.05 | 0.37 | 0.62 | 0.97 |
| Ifnb1 RNAz | 5.86 | -0.39 | -0.33 | -0.28 | -0.34 | -0.38 | -0.71 | -0.65 | -0.14 | -0.42 | -0.32 | -0.14 | -0.45 | -0.58 | 0.44 | -0.22 | -0.31 | -0.42 | -0.9 | -0.2 | -0.43 | -0.03 |
| | | 0.33 | 0.04 | 0.42 | 0.34 | 0.28 | 0.02 | 0.04 | 0.7 | 0.23 | 0.4 | 0.72 | 0.11 | 0.1 | 0.46 | 0.73 | 0.62 | 0.48 | 0.04 | 0.75 | 0.57 | 0.97 |
| Il1rn RNAz | 5.79 | -0.02 | 0.28 | 0.29 | 0.61 | 0.64 | 0.51 | 0.48 | 0.8 | 0.56 | 0.18 | 0.79 | 0.38 | -0.01 | -0.69 | 0.13 | 0.38 | 0.8 | 0.54 | 0.93 | 0.49 | 0.62 |
| | | 0.96 | 0.09 | 0.41 | 0.06 | 0.05 | 0.14 | 0.16 | 0.005 | 0.09 | 0.64 | 0.01 | 0.18 | 0.97 | 0.2 | 0.83 | 0.53 | 0.11 | 0.35 | 0.02 | 0.51 | 0.26 |
| Ppara RNAa | 5.74 | -0.5 | -0.41 | -0.4 | -0.32 | -0.01 | -0.38 | -0.44 | -0.18 | -0.38 | -0.4 | -0.5 | -0.51 | -0.39 | -0.14 | -0.54 | -0.09 | 0.13 | -0.67 | -0.83 | -0.39 | -0.56 |
| | | 0.21 | 0.01 | 0.26 | 0.37 | 0.98 | 0.28 | 0.2 | 0.61 | 0.27 | 0.29 | 0.17 | 0.06 | 0.29 | 0.82 | 0.35 | 0.88 | 0.83 | 0.22 | 0.08 | 0.61 | 0.33 |
| Cxcl2 RNAz | 5.67 | 0.13 | 0.3 | 0.3 | 0.63 | 0.68 | 0.36 | 0.5 | 0.74 | 0.78 | 0.24 | 0.58 | -0.01 | -0.27 | -0.28 | 0.31 | 0.31 | 0.84 | 0.89 | 0.89 | 0.15 | -0.01 |
| | | 0.76 | 0.06 | 0.4 | 0.05 | 0.03 | 0.31 | 0.14 | 0.01 | 0.01 | 0.53 | 0.1 | 0.96 | 0.48 | 0.64 | 0.62 | 0.61 | 0.08 | 0.05 | 0.04 | 0.85 | 0.99 |
| Actb RNAa | 5.64 | 0.14 | 0.34 | 0.36 | 0.47 | 0.19 | 0.05 | 0.09 | 0.69 | 0.43 | 0.33 | 0.86 | 0.62 | 0.61 | -0.48 | 0.58 | 0.15 | 0.44 | -0.03 | 0.89 | 0.86 | 0.86 |
| | | 0.75 | 0.04 | 0.3 | 0.17 | 0.59 | 0.88 | 0.8 | 0.03 | 0.22 | 0.39 | 0.003 | 0.02 | 0.08 | 0.42 | 0.31 | 0.81 | 0.46 | 0.96 | 0.04 | 0.14 | 0.06 |
| Slc10a1 RNAa | 5.62 | -0.32 | -0.31 | -0.11 | -0.48 | 0.04 | -0.13 | -0.44 | -0.44 | -0.58 | -0.18 | -0.74 | -0.57 | -0.69 | -0.4 | -0.76 | 0.34 | -0.28 | -0.69 | -0.93 | -0.85 | -0.78 |
| | | 0.44 | 0.05 | 0.75 | 0.16 | 0.91 | 0.72 | 0.2 | 0.2 | 0.08 | 0.64 | 0.02 | 0.03 | 0.04 | 0.5 | 0.14 | 0.57 | 0.65 | 0.19 | 0.02 | 0.15 | 0.12 |
| Pde4b RNAf | 5.54 | -0.15 | 0.26 | 0.23 | 0.66 | 0.64 | 0.11 | 0.45 | 0.74 | 0.48 | 0.42 | 0.82 | 0.33 | 0.15 | -0.52 | 0.52 | -0.01 | 0.85 | 0.19 | 0.78 | 0.9 | 0.35 |
| | | 0.72 | 0.12 | 0.53 | 0.04 | 0.05 | 0.76 | 0.19 | 0.01 | 0.17 | 0.27 | 0.01 | 0.24 | 0.7 | 0.37 | 0.37 | 0.99 | 0.07 | 0.76 | 0.12 | 0.1 | 0.56 |
| Ch25h RNAf | 5.51 | -0.07 | 0.24 | 0.15 | 0.44 | 0.4 | 0.27 | 0.37 | 0.79 | 0.61 | 0.46 | 0.81 | 0.33 | 0.41 | 0.74 | 0.23 | 0.16 | 0.52 | 0.29 | 0.99 | 0.91 | 0.57 |
| | | 0.87 | 0.15 | 0.67 | 0.2 | 0.25 | 0.45 | 0.29 | 0.01 | 0.06 | 0.22 | 0.01 | 0.25 | 0.27 | 0.15 | 0.7 | 0.8 | 0.37 | 0.64 | 0.002 | 0.09 | 0.32 |

4.2 GLDH blood

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 8-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|----------------|------|-------|--------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ALT blood | 8.46 | 0.76 | 0.67 | 0.47 | 0.31 | 0.25 | 0.9 | 0.72 | 0.43 | 0.82 | 0.67 | 0.15 | 0.46 | 0.42 | 0.59 | 0.34 | 0.83 | 0.21 | 0.95 | 0.89 | -0.26 | -0.28 |
| | | 0.03 | 0 | 0.17 | 0.39 | 0.48 | 0.0004 | 0.02 | 0.22 | 0.004 | 0.03 | 0.68 | 0.09 | 0.23 | 0.29 | 0.58 | 0.08 | 0.74 | 0.01 | 0.04 | 0.68 | 0.65 |
| Cyp7a1 RNAa | 8.01 | -0.74 | -0.56 | 0.11 | -0.27 | -0.29 | -0.62 | -0.83 | -0.44 | -0.64 | -0.73 | -0.55 | -0.65 | -0.41 | 0.23 | -0.45 | 0.56 | -0.68 | -0.88 | -0.73 | 0.09 | 0.52 |
| | | 0.04 | 0.0002 | 0.77 | 0.46 | 0.41 | 0.06 | 0.003 | 0.2 | 0.05 | 0.03 | 0.13 | 0.01 | 0.28 | 0.71 | 0.45 | 0.33 | 0.21 | 0.05 | 0.16 | 0.91 | 0.37 |
| CTGF cells | 6.81 | -0.43 | -0.38 | 0.21 | 0.73 | 0.84 | -0.46 | -0.34 | -0.8 | -0.48 | -0.68 | -0.66 | -0.81 | -0.96 | -0.36 | 0.65 | 0.69 | 0.86 | -0.97 | 0.28 | -0.99 | -1 |
| | | 0.28 | 0.07 | 0.69 | 0.1 | 0.04 | 0.36 | 0.52 | 0.05 | 0.34 | 0.14 | 0.15 | 0.01 | 0.003 | 0.76 | 0.55 | 0.51 | 0.34 | 0.16 | 0.82 | 0.09 | 0.04 |
| BrdU NP cells | 6.77 | -0.6 | -0.42 | -0.18 | -0.5 | -0.19 | -0.39 | -0.63 | -0.65 | -0.5 | -0.71 | -0.57 | -0.29 | -0.11 | -0.16 | -0.2 | -0.08 | 0.5 | -0.81 | -0.03 | -0.84 | -0.46 |
| | | 0.11 | 0.01 | 0.61 | 0.14 | 0.59 | 0.26 | 0.05 | 0.04 | 0.14 | 0.02 | 0.09 | 0.29 | 0.77 | 0.8 | 0.74 | 0.9 | 0.39 | 0.1 | 0.97 | 0.07 | 0.43 |
| Fn1 RNAf | 6.76 | 0.84 | 0.6 | 0.03 | 0.8 | 0.36 | -0.18 | 0.5 | 0.87 | 0.26 | 0.17 | 0.3 | 0.41 | 0.19 | -0.12 | 0.3 | -0.54 | 0.87 | 0.49 | 0.67 | 0.1 | -0.47 |
| | | 0.01 | 0 | 0.93 | 0.01 | 0.31 | 0.62 | 0.14 | 0.001 | 0.47 | 0.67 | 0.44 | 0.15 | 0.62 | 0.84 | 0.62 | 0.34 | 0.06 | 0.4 | 0.21 | 0.9 | 0.42 |
| SMA cells | 6.63 | -0.35 | -0.39 | 0.19 | 0.37 | 0.14 | -0.79 | -0.92 | -0.64 | -0.56 | -0.87 | -0.13 | -0.52 | -0.71 | 0.36 | 0.51 | 0.97 | -0.98 | -1 | 0.93 | -0.85 | 0.5 |
| | | 0.4 | 0.06 | 0.72 | 0.47 | 0.79 | 0.06 | 0.01 | 0.17 | 0.25 | 0.02 | 0.8 | 0.15 | 0.11 | 0.76 | 0.66 | 0.14 | 0.11 | 0.05 | 0.23 | 0.36 | 0.66 |
| Mrc1 RNAz | 6.51 | -0.64 | -0.46 | -0.04 | -0.54 | -0.39 | -0.12 | -0.35 | -0.7 | -0.42 | -0.52 | -0.51 | -0.69 | -0.05 | -0.52 | -0.08 | 0.28 | -0.08 | -0.31 | -0.4 | 0.96 | 0.41 |
| | | 0.09 | 0.003 | 0.92 | 0.11 | 0.27 | 0.74 | 0.32 | 0.02 | 0.22 | 0.15 | 0.16 | 0.01 | 0.9 | 0.37 | 0.9 | 0.65 | 0.9 | 0.62 | 0.5 | 0.04 | 0.49 |
| Timp2 RNAf | 6.13 | -0.64 | -0.44 | 0.08 | -0.52 | -0.31 | 0.17 | -0.24 | -0.52 | -0.19 | -0.49 | -0.6 | -0.68 | -0.4 | 0.75 | -0.02 | 0.44 | -0.44 | 0.01 | -0.18 | -0.25 | 0.06 |
| | | 0.09 | 0.01 | 0.83 | 0.12 | 0.38 | 0.63 | 0.51 | 0.1 | 0.61 | 0.18 | 0.09 | 0.01 | 0.28 | 0.15 | 0.97 | 0.46 | 0.45 | 0.98 | 0.78 | 0.75 | 0.92 |
| Lama1 RNAf | 6.03 | -0.81 | -0.49 | -0.26 | -0.64 | -0.48 | 0.29 | 0.02 | -0.56 | -0.05 | -0.41 | -0.54 | -0.5 | 0.07 | -0.74 | -0.35 | 0.1 | -0.47 | 0.25 | -0.16 | 0.15 | -0.53 |
| | | 0.01 | 0.001 | 0.47 | 0.05 | 0.16 | 0.41 | 0.95 | 0.09 | 0.9 | 0.28 | 0.14 | 0.07 | 0.85 | 0.15 | 0.56 | 0.88 | 0.43 | 0.68 | 0.79 | 0.85 | 0.36 |
| BrdU Kup cells | 5.99 | -0.41 | -0.33 | -0.61 | -0.66 | -0.65 | -0.31 | -0.54 | -0.61 | -0.48 | -0.65 | 0.25 | 0.28 | 0.04 | -0.47 | -0.57 | -0.94 | -0.3 | -0.59 | 0.18 | -0.06 | -0.38 |
| | | 0.31 | 0.04 | 0.06 | 0.04 | 0.04 | 0.39 | 0.11 | 0.08 | 0.19 | 0.04 | 0.52 | 0.33 | 0.92 | 0.43 | 0.31 | 0.02 | 0.63 | 0.29 | 0.82 | 0.92 | 0.52 |
| Gdf2 RNAf | 5.97 | -0.77 | -0.51 | -0.27 | -0.72 | -0.35 | 0.56 | 0.21 | -0.31 | 0.38 | -0.38 | -0.66 | -0.73 | 0.04 | 0.32 | -0.71 | 0.64 | -0.06 | 0.59 | -0.08 | 0.28 | -0.36 |
| | | 0.02 | 0.001 | 0.46 | 0.02 | 0.33 | 0.09 | 0.56 | 0.38 | 0.27 | 0.31 | 0.05 | 0.003 | 0.91 | 0.6 | 0.18 | 0.25 | 0.92 | 0.29 | 0.9 | 0.72 | 0.55 |
| Sparc RNAf | 5.93 | -0.61 | -0.41 | -0.19 | -0.6 | -0.33 | 0.45 | 0.06 | -0.65 | 0.003 | -0.43 | -0.61 | -0.68 | -0.41 | -0.43 | -0.33 | 0.07 | -0.31 | 0.4 | 0.16 | -0.31 | -0.38 |
| | | 0.11 | 0.01 | 0.6 | 0.07 | 0.36 | 0.19 | 0.86 | 0.04 | 0.99 | 0.25 | 0.08 | 0.01 | 0.27 | 0.47 | 0.59 | 0.92 | 0.61 | 0.5 | 0.8 | 0.69 | 0.53 |
| Gsta2 RNAa | 5.92 | -0.57 | -0.42 | -0.29 | -0.57 | -0.15 | 0.01 | -0.56 | -0.78 | -0.52 | -0.62 | -0.07 | -0.33 | -0.05 | -0.75 | -0.43 | 0.83 | -0.56 | -0.8 | -0.07 | 0.27 | 0.97 |
| | | 0.14 | 0.01 | 0.41 | 0.08 | 0.69 | 0.98 | 0.09 | 0.01 | 0.12 | 0.07 | 0.87 | 0.25 | 0.89 | 0.14 | 0.47 | 0.08 | 0.32 | 0.1 | 0.91 | 0.73 | 0.01 |
| Sult1a1 RNAa | 5.83 | 0.73 | 0.46 | -0.15 | 0.16 | 0.28 | 0.6 | 0.16 | -0.25 | 0.16 | 0.51 | 0.63 | 0.71 | 0.38 | -0.59 | -0.35 | 0.46 | -0.86 | 0.41 | 0.37 | 0.23 | 0.71 |
| | | 0.04 | 0.003 | 0.69 | 0.65 | 0.43 | 0.18 | 0.67 | 0.48 | 0.66 | 0.16 | 0.07 | 0.005 | 0.32 | 0.29 | 0.57 | 0.43 | 0.06 | 0.49 | 0.54 | 0.77 | 0.18 |
| Cxcl1 RNAz | 5.78 | 0.89 | 0.53 | 0.04 | 0.53 | 0.56 | -0.1 | 0.31 | 0.61 | 0.03 | 0.2 | 0.34 | 0.35 | -0.05 | 0.78 | 0.26 | -0.42 | 0.53 | -0.12 | 0.33 | -0.11 | 0.27 |
| | | 0.003 | 0.001 | 0.92 | 0.12 | 0.09 | 0.77 | 0.39 | 0.06 | 0.93 | 0.61 | 0.37 | 0.22 | 0.9 | 0.12 | 0.67 | 0.49 | 0.35 | 0.85 | 0.59 | 0.89 | 0.66 |
| Cebpa RNAa | 5.77 | -0.45 | -0.4 | -0.41 | -0.75 | -0.3 | -0.59 | -0.67 | 0.19 | -0.29 | -0.47 | -0.3 | -0.29 | 0.47 | -0.86 | -0.77 | 0.54 | -0.21 | -0.75 | -0.13 | 0.54 | 0.73 |
| | | 0.27 | 0.01 | 0.24 | 0.01 | 0.39 | 0.07 | 0.03 | 0.59 | 0.42 | 0.2 | 0.43 | 0.31 | 0.2 | 0.06 | 0.12 | 0.35 | 0.74 | 0.14 | 0.83 | 0.46 | 0.16 |
| Notch3 RNAf | 5.76 | -0.63 | -0.41 | -0.25 | -0.51 | -0.4 | 0.31 | -0.04 | -0.48 | 0.31 | -0.36 | -0.57 | -0.67 | -0.38 | -0.36 | -0.11 | -0.61 | -0.41 | 0.25 | 0.46 | -0.35 | -0.48 |
| | | 0.09 | 0.01 | 0.49 | 0.13 | 0.26 | 0.39 | 0.9 | 0.16 | 0.39 | 0.34 | 0.11 | 0.01 | 0.31 | 0.56 | 0.86 | 0.27 | 0.49 | 0.69 | 0.44 | 0.65 | 0.42 |
| Birc5 RNAf | 5.68 | -0.56 | -0.35 | 0.04 | -0.44 | -0.65 | 0.11 | -0.32 | -0.64 | -0.33 | -0.47 | -0.57 | -0.37 | -0.08 | 0.32 | 0.07 | 0.03 | -0.56 | -0.17 | -0.16 | -0.38 | -0.7 |
| | | 0.15 | 0.03 | 0.91 | 0.21 | 0.04 | 0.77 | 0.37 | 0.05 | 0.36 | 0.21 | 0.11 | 0.2 | 0.84 | 0.6 | 0.91 | 0.96 | 0.33 | 0.78 | 0.8 | 0.62 | 0.19 |

4.3 Alb blood

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 8-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|--------------|------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| Ifnb1 RNAz | 6.09 | 0.59 | 0.27 | 0.27 | 0.44 | 0.66 | 0.5 | 0.7 | 0.6 | 0.43 | 0.12 | 0.02 | 0.25 | 0.37 | 0.31 | 0.3 | -0.21 | 0.91 | 0.67 | 0.33 | 0.16 | 0.44 |
| | | 0.12 | 0.1 | 0.44 | 0.2 | 0.04 | 0.14 | 0.02 | 0.07 | 0.21 | 0.75 | 0.96 | 0.39 | 0.33 | 0.61 | 0.63 | 0.74 | 0.03 | 0.22 | 0.59 | 0.84 | 0.45 |
| Ifna1 RNAz | 5.57 | 0.59 | 0.27 | 0.46 | 0.55 | 0.61 | 0.42 | 0.55 | 0.33 | 0.25 | 0.14 | 0.02 | 0.22 | 0.31 | 0.22 | 0.54 | -0.61 | 0.65 | 0.55 | -0.03 | 0.31 | 0.34 |
| | | 0.12 | 0.1 | 0.18 | 0.1 | 0.06 | 0.23 | 0.1 | 0.35 | 0.49 | 0.73 | 0.96 | 0.46 | 0.42 | 0.73 | 0.35 | 0.27 | 0.23 | 0.34 | 0.96 | 0.69 | 0.58 |
| CTGF cells | 5.43 | 0.76 | 0.25 | -0.23 | 0.3 | 0.45 | -0.84 | -0.34 | -0.72 | 0.75 | 0.84 | 0.63 | 0.43 | -0.03 | -0.68 | 0.17 | -0.99 | -0.87 | -0.4 | 0.63 | -0.12 | -0.93 |
| | | 0.03 | 0.25 | 0.66 | 0.56 | 0.37 | 0.04 | 0.51 | 0.1 | 0.09 | 0.04 | 0.18 | 0.25 | 0.95 | 0.52 | 0.89 | 0.1 | 0.32 | 0.74 | 0.57 | 0.93 | 0.25 |
| Sult1a1 RNAa | 5.25 | 0.43 | 0.35 | 0.15 | 0.29 | 0.47 | 0.47 | 0.44 | 0.42 | 0.57 | 0.26 | 0.39 | 0.17 | 0.06 | -0.11 | 0.17 | 0.45 | 0.03 | 0.53 | 0.6 | 0.88 | 0.07 |
| | | 0.29 | 0.03 | 0.69 | 0.41 | 0.17 | 0.17 | 0.2 | 0.22 | 0.09 | 0.49 | 0.3 | 0.57 | 0.87 | 0.86 | 0.78 | 0.45 | 0.96 | 0.36 | 0.28 | 0.12 | 0.91 |
| Cyp2d22 RNAa | 5.03 | -0.31 | 0.2 | 0.2 | -0.09 | 0.32 | 0.44 | 0.38 | 0.57 | 0.7 | 0.44 | 0.66 | 0.56 | 0.36 | 0.3 | 0.26 | -0.72 | 0.11 | 0.64 | 0.81 | 0.62 | 0.35 |
| | | 0.45 | 0.23 | 0.59 | 0.79 | 0.37 | 0.21 | 0.27 | 0.09 | 0.02 | 0.23 | 0.05 | 0.04 | 0.34 | 0.63 | 0.68 | 0.17 | 0.85 | 0.25 | 0.09 | 0.38 | 0.56 |
| Cyp2c39 RNAa | 4.89 | 0.34 | 0.36 | 0.7 | 0.49 | 0.38 | 0.12 | 0.01 | 0.42 | 0.34 | -0.01 | 0.51 | 0.34 | 0.17 | -0.42 | 0.74 | 0.03 | -0.13 | 0.1 | 0.84 | 0.69 | 0.14 |
| | | 0.41 | 0.03 | 0.02 | 0.15 | 0.27 | 0.73 | 0.98 | 0.23 | 0.33 | 0.99 | 0.16 | 0.23 | 0.65 | 0.49 | 0.15 | 0.96 | 0.84 | 0.88 | 0.08 | 0.31 | 0.83 |
| Cyp2b10 RNAa | 4.87 | -0.19 | 0.27 | 0.76 | 0.31 | -0.07 | 0.01 | 0.08 | 0.76 | 0.6 | 0.001 | 0.91 | 0.7 | 0.2 | -0.49 | 0.82 | 0.99 | 0.45 | -0.31 | 1 | 0.58 | 0.29 |
| | | 0.66 | 0.1 | 0.01 | 0.38 | 0.85 | 0.97 | 0.82 | 0.01 | 0.07 | 1 | 0.001 | 0.01 | 0.6 | 0.4 | 0.09 | 0.0005 | 0.45 | 0.61 | 0 | 0.42 | 0.64 |
| Cxcr1 RNAz | 4.86 | 0.61 | 0.25 | 0.21 | 0.41 | 0.65 | 0.23 | 0.47 | 0.42 | 0.14 | 0.11 | 0.001 | 0.21 | 0.3 | 0.34 | 0.22 | -0.27 | 0.76 | 0.31 | -0.01 | 0.05 | 0.29 |
| | | 0.11 | 0.13 | 0.57 | 0.24 | 0.04 | 0.52 | 0.17 | 0.23 | 0.71 | 0.78 | 1 | 0.47 | 0.43 | 0.57 | 0.72 | 0.66 | 0.14 | 0.62 | 0.98 | 0.95 | 0.64 |
| Cyp1a2 RNAa | 4.74 | -0.77 | -0.35 | -0.09 | -0.36 | -0.47 | -0.13 | 0.23 | -0.26 | -0.27 | -0.06 | -0.48 | -0.41 | 0.09 | 0.67 | -0.45 | -0.78 | 0.07 | -0.05 | -0.63 | 0.33 | 0.19 |
| | | 0.03 | 0.03 | 0.81 | 0.31 | 0.18 | 0.72 | 0.53 | 0.47 | 0.45 | 0.88 | 0.19 | 0.14 | 0.82 | 0.21 | 0.45 | 0.12 | 0.91 | 0.94 | 0.26 | 0.67 | 0.76 |
| SMA cells | 4.52 | 0.75 | 0.21 | -0.39 | 0.41 | 0.77 | -0.77 | -0.43 | -0.44 | -0.24 | 0.36 | 0.19 | 0.52 | 0.35 | 0.68 | -0.99 | -0.75 | 0.65 | -0.68 | -0.82 | -0.51 | 0.75 |
| | | 0.03 | 0.34 | 0.44 | 0.42 | 0.07 | 0.08 | 0.39 | 0.38 | 0.64 | 0.48 | 0.72 | 0.15 | 0.5 | 0.52 | 0.1 | 0.46 | 0.55 | 0.53 | 0.38 | 0.66 | 0.46 |
| S100A4 cells | 4.26 | 0.73 | 0.14 | -0.48 | 0.32 | 0.79 | -0.74 | -0.48 | -0.62 | 0.54 | 0.86 | -0.39 | -0.2 | -0.12 | -0.84 | -0.64 | -0.11 | 0.84 | -0.34 | -0.94 | 0.39 | -0.81 |
| | | 0.04 | 0.51 | 0.33 | 0.54 | 0.06 | 0.09 | 0.33 | 0.19 | 0.27 | 0.03 | 0.45 | 0.61 | 0.82 | 0.37 | 0.56 | 0.93 | 0.37 | 0.78 | 0.21 | 0.75 | 0.4 |
| Pde4d RNAf | 4.24 | 0.86 | 0.31 | 0.82 | 0.34 | -0.1 | 0.06 | -0.16 | -0.3 | -0.15 | 0.09 | -0.08 | 0.18 | 0.41 | 0.17 | 0.84 | 0.82 | -0.47 | -0.03 | -0.24 | 0.41 | 0.64 |
| | | 0.01 | 0.06 | 0.004 | 0.33 | 0.77 | 0.87 | 0.66 | 0.41 | 0.68 | 0.81 | 0.83 | 0.53 | 0.27 | 0.79 | 0.08 | 0.09 | 0.43 | 0.96 | 0.69 | 0.59 | 0.25 |
| Col6a6 RNAf | 4.11 | 0.65 | 0.05 | -0.22 | -0.42 | -0.55 | -0.58 | -0.69 | -0.67 | -0.68 | -0.14 | -0.16 | 0.09 | 0.31 | -0.66 | -0.31 | 0.28 | -0.65 | -0.67 | -0.68 | 0.6 | 0.44 |
| | | 0.08 | 0.75 | 0.55 | 0.23 | 0.1 | 0.08 | 0.03 | 0.03 | 0.03 | 0.73 | 0.69 | 0.76 | 0.42 | 0.22 | 0.62 | 0.65 | 0.24 | 0.21 | 0.2 | 0.4 | 0.46 |
| Bili blood | 4.11 | 0.77 | 0.33 | 0.36 | 0.17 | 0.12 | 0.37 | 0.04 | -0.39 | 0.15 | 0.37 | 0.16 | 0.14 | 0.03 | 0.42 | 0.92 | 0.92 | -0.58 | 0.45 | -0.3 | 0.2 | -0.1 |
| | | 0.03 | 0.04 | 0.3 | 0.64 | 0.75 | 0.29 | 0.91 | 0.27 | 0.69 | 0.29 | 0.66 | 0.63 | 0.93 | 0.49 | 0.03 | 0.03 | 0.31 | 0.45 | 0.63 | 0.75 | 0.88 |
| Actb RNAa | 4.06 | 0.94 | 0.2 | 0.57 | 0.46 | 0.5 | 0.05 | -0.02 | -0.59 | -0.42 | 0.07 | -0.41 | -0.21 | 0.15 | 0.88 | 0.63 | 0.96 | -0.08 | -0.17 | -0.74 | 0.4 | 0.25 |
| | | 0.001 | 0.22 | 0.09 | 0.18 | 0.14 | 0.89 | 0.95 | 0.07 | 0.22 | 0.86 | 0.27 | 0.47 | 0.71 | 0.05 | 0.26 | 0.01 | 0.9 | 0.78 | 0.15 | 0.6 | 0.68 |
| Cebpa RNAa | 3.97 | -0.69 | -0.02 | 0.5 | -0.05 | -0.83 | 0.55 | 0.26 | 0.3 | 0.54 | 0.53 | 0.42 | 0.48 | 0.38 | 0.67 | 0.77 | -0.87 | -0.94 | 0.67 | 0.78 | 0.78 | 0.55 |
| | | 0.06 | 0.88 | 0.14 | 0.89 | 0.003 | 0.1 | 0.47 | 0.41 | 0.1 | 0.14 | 0.26 | 0.08 | 0.31 | 0.22 | 0.13 | 0.05 | 0.02 | 0.22 | 0.12 | 0.22 | 0.34 |
| Ccr3 RNAz | 3.95 | 0.61 | 0.24 | 0.19 | 0.44 | 0.58 | -0.002 | 0.36 | 0.15 | -0.1 | 0.1 | -0.03 | 0.18 | 0.25 | 0.38 | 0.26 | -0.77 | 0.69 | 0.07 | -0.32 | -0.17 | 0.16 |
| | | 0.11 | 0.15 | 0.6 | 0.2 | 0.08 | 0.99 | 0.31 | 0.68 | 0.78 | 0.81 | 0.94 | 0.53 | 0.51 | 0.52 | 0.67 | 0.12 | 0.2 | 0.91 | 0.6 | 0.83 | 0.79 |
| Infarct area | 3.9 | 0.79 | 0.33 | 0.14 | 0.01 | -0.01 | 0.5 | 0.1 | -0.39 | 0.11 | 0.31 | 0.05 | 0.18 | 0.28 | 0 | 0.96 | 0.71 | -0.49 | 0.6 | -0.3 | 0.12 | 0.56 |
| | | 0.02 | 0.04 | 0.7 | 0.98 | 0.97 | 0.14 | 0.78 | 0.27 | 0.75 | 0.39 | 0.89 | 0.51 | 0.44 | n.a. | 0.01 | 0.18 | 0.4 | 0.28 | 0.62 | 0.85 | 0.33 |

4.4 Bili blood

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|---------------|------|--------|-------|-------|--------|--------|--------|--------|------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Tnfrsf1b RNAz | 10.3 | 0.97 | 0.85 | 0.44 | 0.83 | 0.81 | 0.63 | 0.61 | 0.58 | 0.4 | 0.8 | 0.79 | 0.7 | 0.11 | 0.05 | 0.03 | 0.09 | 0.88 | 0.31 | 0.5 | 0.44 | -0.96 |
| | | 0.0001 | 0 | 0.2 | 0.003 | 0.005 | 0.05 | 0.06 | 0.08 | 0.26 | 0.01 | 0.01 | 0.005 | 0.77 | 0.93 | 0.96 | 0.89 | 0.05 | 0.61 | 0.4 | 0.56 | 0.01 |
| Ccl2 RNAz | 10.3 | 0.96 | 0.84 | 0.45 | 0.88 | 0.65 | 0.62 | 0.7 | 0.7 | 0.61 | 0.72 | 0.7 | 0.64 | -0.04 | 0.12 | -0.59 | -0.1 | 0.82 | 0.59 | 0.72 | 0.04 | -0.85 |
| | | 0.0001 | 0 | 0.19 | 0.001 | 0.04 | 0.05 | 0.03 | 0.02 | 0.06 | 0.03 | 0.04 | 0.01 | 0.92 | 0.85 | 0.29 | 0.87 | 0.09 | 0.29 | 0.17 | 0.96 | 0.07 |
| Il10rb RNAz | 9.51 | 0.98 | 0.85 | 0.59 | 0.8 | 0.16 | 0.4 | 0.42 | 0.74 | 0.5 | 0.79 | 0.77 | 0.67 | -0.07 | -0.17 | 0.51 | -0.19 | 0.59 | 0.22 | 0.62 | 0.15 | -0.72 |
| | | 0 | 0 | 0.07 | 0.01 | 0.66 | 0.25 | 0.22 | 0.01 | 0.14 | 0.01 | 0.02 | 0.01 | 0.87 | 0.79 | 0.38 | 0.75 | 0.3 | 0.72 | 0.26 | 0.85 | 0.17 |
| Cd14 RNAz | 9.5 | 0.97 | 0.79 | 0.55 | 0.84 | 0.78 | 0.44 | 0.43 | 0.66 | 0.57 | 0.65 | 0.52 | 0.54 | -0.19 | 0.13 | -0.09 | -0.06 | 0.82 | -0.03 | 0.81 | -0.26 | -0.63 |
| | | 0 | 0 | 0.1 | 0.002 | 0.01 | 0.21 | 0.22 | 0.04 | 0.09 | 0.06 | 0.15 | 0.05 | 0.62 | 0.84 | 0.89 | 0.93 | 0.09 | 0.96 | 0.1 | 0.74 | 0.26 |
| CTGF cells | 9.28 | 0.96 | 0.91 | 0.53 | 0.83 | 0.67 | 0.19 | -0.46 | 0.72 | 0.61 | 0.7 | 0.3 | 0.7 | 0.31 | -0.24 | 0.28 | -0.94 | 0.75 | -1 | -0.11 | -0.65 | -0.93 |
| | | 0.0001 | 0 | 0.28 | 0.04 | 0.15 | 0.72 | 0.36 | 0.11 | 0.2 | 0.12 | 0.57 | 0.04 | 0.55 | 0.85 | 0.82 | 0.21 | 0.46 | 0.05 | 0.93 | 0.55 | 0.25 |
| Ccr2 RNAz | 9.13 | 0.96 | 0.82 | 0.41 | 0.91 | 0.48 | 0.5 | 0.44 | 0.5 | 0.3 | 0.76 | 0.68 | 0.61 | -0.05 | -0.38 | 0.16 | -0.25 | 0.87 | 0.21 | 0.12 | 0.1 | -0.7 |
| | | 0.0001 | 0 | 0.24 | 0.0003 | 0.16 | 0.15 | 0.2 | 0.15 | 0.4 | 0.02 | 0.04 | 0.02 | 0.9 | 0.53 | 0.8 | 0.68 | 0.06 | 0.74 | 0.85 | 0.9 | 0.19 |
| Tgfb1 RNAz | 9.12 | 0.98 | 0.84 | -0.01 | 0.53 | 0.28 | 0.66 | 0.49 | 0.77 | 0.61 | 0.78 | 0.73 | 0.63 | -0.12 | -0.06 | 0.54 | -0.3 | 0.61 | 0.41 | 0.63 | 0.08 | -0.78 |
| | | 0 | 0 | 0.97 | 0.11 | 0.43 | 0.04 | 0.15 | 0.01 | 0.06 | 0.01 | 0.02 | 0.02 | 0.75 | 0.93 | 0.35 | 0.63 | 0.27 | 0.49 | 0.25 | 0.92 | 0.12 |
| Tnfrsf1a RNAz | 9.07 | 0.91 | 0.77 | -0.67 | 0.08 | 0.74 | 0.83 | 0.58 | 0.67 | 0.64 | 0.74 | 0.66 | 0.58 | 0.2 | -0.16 | -0.36 | 0.44 | 0.61 | 0.65 | 0.71 | 0.62 | -0.62 |
| | | 0.002 | 0 | 0.03 | 0.83 | 0.01 | 0.003 | 0.08 | 0.03 | 0.05 | 0.02 | 0.05 | 0.03 | 0.6 | 0.8 | 0.56 | 0.45 | 0.28 | 0.24 | 0.17 | 0.38 | 0.27 |
| S100A4 cells | 9.03 | 0.86 | 0.83 | 0.2 | 0.54 | 0.28 | 0.69 | 0.04 | 0.83 | 0.9 | 0.96 | 0.2 | 0.29 | 0.73 | -0.47 | -0.72 | -0.29 | -0.69 | 0.66 | 0.97 | 0.84 | -0.81 |
| | | 0.01 | 0 | 0.71 | 0.27 | 0.59 | 0.13 | 0.93 | 0.04 | 0.01 | 0.003 | 0.71 | 0.45 | 0.1 | 0.69 | 0.48 | 0.81 | 0.51 | 0.54 | 0.15 | 0.37 | 0.4 |
| Il1rn RNAz | 8.99 | 0.93 | 0.62 | 0.63 | 0.78 | 0.76 | 0.45 | 0.52 | 0.62 | 0.72 | 0.68 | 0.36 | 0.36 | -0.32 | 0.32 | -0.34 | -0.08 | 0.87 | 0.59 | 0.84 | -0.19 | -0.77 |
| | | 0.001 | 0 | 0.05 | 0.01 | 0.01 | 0.2 | 0.12 | 0.06 | 0.02 | 0.05 | 0.34 | 0.21 | 0.4 | 0.6 | 0.58 | 0.9 | 0.06 | 0.29 | 0.08 | 0.81 | 0.13 |
| Ifnar1 RNAz | 8.92 | 0.98 | 0.82 | 0.35 | 0.81 | 0.6 | 0.45 | 0.4 | 0.15 | 0.46 | 0.74 | 0.71 | 0.66 | -0.01 | 0.5 | 0.06 | -0.29 | 0.53 | 0.6 | 0.45 | 0.23 | -0.61 |
| | | 0 | 0 | 0.32 | 0.005 | 0.07 | 0.2 | 0.25 | 0.67 | 0.18 | 0.02 | 0.03 | 0.01 | 0.98 | 0.39 | 0.92 | 0.64 | 0.36 | 0.29 | 0.44 | 0.77 | 0.28 |
| Bax RNAf | 8.84 | 0.89 | 0.66 | 0.76 | 0.82 | 0.28 | 0.53 | 0.46 | 0.64 | 0.62 | 0.72 | 0.65 | 0.27 | -0.27 | 0.9 | 0.75 | -0.02 | 0.34 | 0.49 | 0.74 | 0.35 | -0.74 |
| | | 0.003 | 0 | 0.01 | 0.004 | 0.43 | 0.11 | 0.18 | 0.05 | 0.06 | 0.03 | 0.06 | 0.35 | 0.48 | 0.04 | 0.15 | 0.97 | 0.58 | 0.4 | 0.15 | 0.65 | 0.16 |
| Slc10a1 RNAa | 8.69 | -0.85 | -0.68 | -0.42 | -0.61 | -0.41 | -0.49 | -0.46 | -0.7 | -0.78 | -0.77 | -0.62 | -0.36 | 0.49 | -0.16 | -0.22 | -0.54 | -0.37 | -0.62 | -0.82 | 0.79 | 0.27 |
| | | 0.01 | 0 | 0.23 | 0.06 | 0.23 | 0.15 | 0.18 | 0.02 | 0.01 | 0.02 | 0.08 | 0.21 | 0.18 | 0.8 | 0.72 | 0.34 | 0.54 | 0.26 | 0.09 | 0.21 | 0.66 |
| Smad6 RNAf | 8.65 | 0.97 | 0.77 | 0.01 | 0.5 | 0.64 | 0.27 | 0.49 | 0.61 | 0.53 | 0.78 | 0.73 | 0.61 | -0.13 | 0.54 | 0.85 | 0.06 | 0.79 | 0.25 | 0.56 | 0.16 | -0.49 |
| | | 0 | 0 | 0.98 | 0.14 | 0.05 | 0.45 | 0.15 | 0.06 | 0.12 | 0.01 | 0.03 | 0.02 | 0.74 | 0.35 | 0.07 | 0.92 | 0.11 | 0.68 | 0.33 | 0.84 | 0.41 |
| BrdU BE cells | 8.63 | 0.97 | 0.86 | 0.5 | -0.44 | -0.42 | 0.31 | 0.3 | 0.76 | 0.68 | 0.86 | 0.8 | 0.64 | 0.13 | -0.53 | -0.67 | 0.34 | -0.59 | 0.36 | 0.73 | -0.23 | 0.33 |
| | | 0 | 0 | 0.14 | 0.2 | 0.23 | 0.39 | 0.4 | 0.02 | 0.05 | 0.002 | 0.01 | 0.01 | 0.71 | 0.36 | 0.22 | 0.58 | 0.29 | 0.55 | 0.27 | 0.71 | 0.59 |
| Infarct area | 8.61 | 0.98 | 0.69 | 0.75 | 0.59 | 0.41 | 0.92 | 0.6 | 0.39 | 0.58 | 0.32 | 0.29 | 0.41 | -0.01 | 0 | 0.79 | 0.88 | 0.11 | 0.98 | 0.5 | -0.36 | 0.43 |
| | | 0 | 0 | 0.01 | 0.07 | 0.24 | 0.0002 | 0.07 | 0.27 | 0.08 | 0.37 | 0.42 | 0.13 | 0.98 | n.a. | 0.11 | 0.05 | 0.86 | 0.004 | 0.4 | 0.55 | 0.47 |
| Hgf RNAz | 8.26 | 0.97 | 0.83 | -0.39 | -0.4 | -0.05 | 0.48 | 0.55 | 0.66 | 0.46 | 0.82 | 0.8 | 0.7 | 0.19 | -0.03 | 0.14 | -0.34 | 0.82 | 0.51 | 0.34 | 0.51 | -0.35 |
| | | 0.0001 | 0 | 0.27 | 0.25 | 0.9 | 0.16 | 0.1 | 0.04 | 0.18 | 0.01 | 0.01 | 0.005 | 0.62 | 0.96 | 0.82 | 0.57 | 0.09 | 0.38 | 0.58 | 0.49 | 0.57 |
| Ccl7 RNAz | 8.21 | 0.96 | 0.79 | 0.39 | 0.56 | 0.35 | 0.6 | 0.33 | 0.2 | 0.43 | 0.63 | 0.63 | 0.6 | -0.05 | -0.05 | -0.48 | -0.23 | 0.17 | 0.55 | 0.6 | 0.02 | -0.6 |
| | | 0.0002 | 0 | 0.26 | 0.09 | 0.32 | 0.07 | 0.36 | 0.58 | 0.21 | 0.07 | 0.07 | 0.02 | 0.9 | 0.93 | 0.41 | 0.71 | 0.78 | 0.34 | 0.29 | 0.98 | 0.29 |

4.5 BrdU Hep cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|----------------|------|-------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mki67 RNAf | 10.4 | 0.9 | 0.74 | 0.91 | 0.65 | -0.5 | 0.57 | 0.44 | 0.86 | 0.87 | 0.91 | 0.49 | 0.55 | 0.82 | 0.94 | 0.94 | -0.08 | -0.57 | 0.98 | 0.81 | 0.9 | 0.89 |
| | | 0.002 | 0 | 0.0002 | 0.04 | 0.14 | 0.09 | 0.21 | 0.001 | 0.001 | 0.0003 | 0.15 | 0.03 | 0.003 | 0.02 | 0.02 | 0.9 | 0.31 | 0.002 | 0.09 | 0.03 | 0.05 |
| Birc5 RNAf | 10.3 | 0.87 | 0.72 | 0.78 | 0.69 | -0.57 | 0.61 | 0.45 | 0.9 | 0.92 | 0.9 | 0.47 | 0.53 | 0.84 | 0.23 | 0.83 | -0.25 | -0.88 | 0.81 | 0.89 | 0.9 | 0.93 |
| | | 0.005 | 0 | 0.01 | 0.03 | 0.09 | 0.06 | 0.2 | 0.0003 | 0.0002 | 0.0003 | 0.17 | 0.04 | 0.003 | 0.71 | 0.08 | 0.68 | 0.05 | 0.1 | 0.04 | 0.03 | 0.02 |
| Notch1 RNAf | 8.79 | 0.76 | 0.76 | 0.51 | 0.16 | -0.55 | 0.42 | 0.07 | 0.92 | 0.93 | 0.84 | 0.82 | 0.63 | 0.44 | -0.4 | 0.59 | -0.03 | -0.67 | 0.44 | 0.96 | 0.82 | 0.76 |
| | | 0.03 | 0 | 0.13 | 0.65 | 0.1 | 0.23 | 0.84 | 0.0001 | 0 | 0.003 | 0.003 | 0.01 | 0.21 | 0.51 | 0.3 | 0.96 | 0.22 | 0.46 | 0.01 | 0.09 | 0.13 |
| Lama1 RNAf | 7.71 | 0.67 | 0.57 | 0.81 | 0.79 | -0.24 | 0.01 | 0.08 | 0.75 | 0.57 | 0.88 | 0.38 | 0.32 | 0.64 | -0.77 | 0.91 | -0.53 | -0.3 | 0.02 | 0.61 | 0.82 | 0.73 |
| | | 0.07 | 0.0001 | 0.005 | 0.01 | 0.51 | 0.98 | 0.82 | 0.01 | 0.08 | 0.001 | 0.27 | 0.24 | 0.05 | 0.13 | 0.03 | 0.36 | 0.63 | 0.98 | 0.27 | 0.09 | 0.16 |
| BrdU NP cells | 7.67 | 0.88 | 0.62 | 0.53 | 0.56 | 0.5 | 0.24 | 0.27 | 0.55 | 0.49 | 0.66 | 0.19 | 0.31 | 0.39 | -0.27 | 0.42 | -0.17 | 0.92 | 0.17 | 0.19 | -0.22 | 0.91 |
| | | 0.004 | 0 | 0.12 | 0.09 | 0.14 | 0.51 | 0.46 | 0.1 | 0.15 | 0.03 | 0.58 | 0.25 | 0.23 | 0.66 | 0.48 | 0.78 | 0.03 | 0.78 | 0.76 | 0.68 | 0.03 |
| Cdh2 RNAf | 7.37 | 0.6 | 0.72 | 0.11 | -0.26 | -0.47 | 0.33 | -0.13 | 0.86 | 0.89 | 0.61 | 0.84 | 0.76 | 0.33 | -0.03 | 0.71 | -0.34 | -0.79 | 0.87 | 0.89 | 0.81 | 0.18 |
| | | 0.12 | 0 | 0.76 | 0.48 | 0.17 | 0.35 | 0.72 | 0.001 | 0.001 | 0.06 | 0.002 | 0.001 | 0.36 | 0.96 | 0.18 | 0.58 | 0.11 | 0.06 | 0.04 | 0.1 | 0.77 |
| Nes RNAf | 7.27 | 0.74 | 0.65 | -0.16 | -0.23 | -0.49 | 0.4 | 0.08 | 0.86 | 0.83 | 0.82 | 0.62 | 0.44 | 0.45 | -0.7 | -0.13 | 0.38 | -0.66 | 0.36 | 0.91 | 0.81 | 0.5 |
| | | 0.03 | 0 | 0.65 | 0.52 | 0.15 | 0.26 | 0.83 | 0.001 | 0.003 | 0.003 | 0.06 | 0.1 | 0.2 | 0.19 | 0.83 | 0.53 | 0.23 | 0.55 | 0.03 | 0.1 | 0.39 |
| Mrc1 RNAz | 7.15 | 0.55 | 0.39 | 0.63 | 0.63 | -0.24 | 0.67 | 0.6 | 0.87 | 0.83 | 0.83 | 0.22 | -0.19 | -0.5 | -0.44 | 0.71 | -0.53 | -0.28 | 0.82 | 0.9 | -0.02 | -0.34 |
| | | 0.16 | 0.01 | 0.05 | 0.05 | 0.5 | 0.03 | 0.07 | 0.001 | 0.003 | 0.003 | 0.54 | 0.49 | 0.14 | 0.46 | 0.18 | 0.36 | 0.65 | 0.09 | 0.04 | 0.98 | 0.57 |
| Por RNAa | 6.88 | -0.51 | -0.41 | 0.09 | 0.11 | -0.58 | -0.36 | -0.4 | -0.43 | -0.62 | -0.71 | -0.51 | -0.65 | -0.81 | 0.2 | 0.28 | -0.59 | -0.66 | -0.48 | -0.65 | -0.09 | -0.9 |
| | | 0.2 | 0.01 | 0.81 | 0.76 | 0.08 | 0.31 | 0.25 | 0.22 | 0.06 | 0.02 | 0.14 | 0.01 | 0.004 | 0.75 | 0.65 | 0.29 | 0.23 | 0.41 | 0.23 | 0.89 | 0.03 |
| Timp2 RNAf | 6.74 | 0.48 | 0.4 | 0.57 | 0.41 | -0.63 | 0.44 | 0.25 | 0.89 | 0.86 | 0.95 | 0.59 | -0.06 | -0.35 | 0.69 | 0.88 | -0.74 | -0.62 | 0.61 | 0.9 | 0.92 | -0.28 |
| | | 0.23 | 0.01 | 0.08 | 0.24 | 0.05 | 0.21 | 0.48 | 0.001 | 0.001 | 0 | 0.07 | 0.82 | 0.32 | 0.2 | 0.05 | 0.16 | 0.27 | 0.28 | 0.04 | 0.03 | 0.65 |
| Cdh1 RNAf | 6.57 | 0.64 | 0.64 | -0.29 | -0.33 | -0.55 | 0.25 | 0.002 | 0.77 | 0.66 | 0.37 | 0.7 | 0.67 | 0.59 | -0.48 | 0.08 | 0.1 | -0.66 | 0.18 | 0.8 | 0.96 | 0.81 |
| | | 0.09 | 0 | 0.42 | 0.36 | 0.1 | 0.49 | 0.99 | 0.01 | 0.04 | 0.29 | 0.02 | 0.01 | 0.07 | 0.41 | 0.9 | 0.88 | 0.22 | 0.77 | 0.1 | 0.01 | 0.1 |
| CTGF cells | 6.34 | 0.59 | 0.42 | -0.51 | -0.45 | 0.37 | 0.72 | 0.78 | 0.75 | 0.73 | 0.97 | -0.01 | -0.51 | -0.47 | -0.43 | -0.14 | -1 | 0.98 | 0.78 | 0.09 | 0.83 | 0.78 |
| | | 0.12 | 0.04 | 0.3 | 0.37 | 0.47 | 0.11 | 0.07 | 0.09 | 0.1 | 0.001 | 0.99 | 0.16 | 0.35 | 0.72 | 0.91 | 0.06 | 0.14 | 0.43 | 0.94 | 0.38 | 0.43 |
| Slc10a1 RNAa | 6.2 | -0.72 | -0.49 | 0.12 | 0.22 | -0.75 | -0.09 | -0.14 | -0.36 | -0.31 | -0.85 | -0.18 | -0.27 | -0.83 | -0.73 | 0.27 | -0.92 | -0.9 | 0.55 | -0.19 | -0.49 | -0.86 |
| | | 0.04 | 0.001 | 0.75 | 0.53 | 0.01 | 0.81 | 0.69 | 0.31 | 0.38 | 0.002 | 0.61 | 0.32 | 0.003 | 0.16 | 0.66 | 0.03 | 0.04 | 0.33 | 0.76 | 0.4 | 0.06 |
| Gstm1 RNAa | 6.18 | 0.7 | 0.57 | 0.13 | -0.33 | -0.7 | 0.15 | -0.07 | 0.75 | 0.82 | 0.6 | 0.74 | 0.44 | -0.27 | -0.4 | -0.08 | -0.92 | -0.85 | 0.02 | 0.8 | 0.46 | -0.6 |
| | | 0.05 | 0.0001 | 0.72 | 0.36 | 0.02 | 0.67 | 0.84 | 0.01 | 0.004 | 0.06 | 0.01 | 0.1 | 0.46 | 0.5 | 0.9 | 0.03 | 0.07 | 0.97 | 0.11 | 0.44 | 0.29 |
| Actb RNAz | 6.08 | 0.65 | 0.55 | -0.23 | -0.37 | 0.21 | 0.21 | -0.03 | 0.47 | 0.59 | 0.74 | 0.51 | 0.43 | 0.54 | -0.43 | -0.29 | 0.75 | 0.05 | 0.04 | 0.63 | 0.95 | 0.64 |
| | | 0.08 | 0.0002 | 0.52 | 0.29 | 0.56 | 0.55 | 0.93 | 0.17 | 0.07 | 0.02 | 0.13 | 0.11 | 0.1 | 0.47 | 0.64 | 0.14 | 0.94 | 0.95 | 0.25 | 0.01 | 0.25 |
| Sparc RNAf | 6.01 | 0.58 | 0.46 | 0.63 | 0.44 | -0.47 | 0.04 | -0.02 | 0.77 | 0.65 | 0.94 | 0.34 | 0.01 | 0.11 | -0.58 | 0.83 | -0.42 | -0.51 | -0.02 | 0.72 | 0.93 | 0.28 |
| | | 0.13 | 0.003 | 0.05 | 0.2 | 0.17 | 0.91 | 0.95 | 0.01 | 0.04 | 0 | 0.34 | 0.97 | 0.76 | 0.31 | 0.08 | 0.49 | 0.38 | 0.97 | 0.17 | 0.02 | 0.65 |
| Smad6 RNAf | 5.94 | 0.63 | 0.49 | 0.55 | 0.22 | 0.08 | 0.14 | 0.11 | 0.42 | 0.58 | 0.89 | 0.38 | 0.11 | 0.23 | -0.26 | 0.87 | -0.11 | 0.13 | 0.17 | 0.64 | 0.82 | 0.27 |
| | | 0.09 | 0.001 | 0.1 | 0.55 | 0.83 | 0.69 | 0.75 | 0.23 | 0.08 | 0.001 | 0.28 | 0.7 | 0.53 | 0.67 | 0.06 | 0.86 | 0.84 | 0.79 | 0.24 | 0.09 | 0.66 |
| BrdU Kup cells | 5.69 | 0.86 | 0.52 | 0.55 | 0.56 | 0.15 | 0.04 | 0.04 | 0.6 | 0.5 | 0.14 | -0.09 | 0.21 | 0.13 | -0.36 | 0.48 | 0.68 | -0.29 | -0.1 | 0.4 | -0.83 | 0.95 |
| | | 0.01 | 0.001 | 0.1 | 0.09 | 0.68 | 0.92 | 0.91 | 0.08 | 0.17 | 0.69 | 0.8 | 0.45 | 0.7 | 0.55 | 0.41 | 0.21 | 0.63 | 0.87 | 0.6 | 0.04 | 0.01 |

4.6 BrdU NP cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|----------------|------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BrdU Kup cells | 11.8 | 0.87 | 0.82 | 0.81 | 0.89 | 0.47 | 0.96 | 0.96 | 0.96 | 0.92 | 0.68 | 0.28 | 0.61 | 0.85 | -0.28 | 0.89 | 0.32 | 0.06 | 0.94 | 0.89 | 0.17 | 0.97 |
| | | 0.005 | 0 | 0.005 | 0.001 | 0.17 | 0 | 0 | 0 | 0.0004 | 0.02 | 0.43 | 0.02 | 0.001 | 0.64 | 0.04 | 0.6 | 0.93 | 0.02 | 0.11 | 0.75 | 0.01 |
| BrdU BE cells | 10.2 | 0.95 | 0.89 | -0.31 | -0.05 | 0.6 | 0.39 | 0.74 | 0.9 | 0.83 | 0.9 | 0.71 | 0.74 | 0.74 | -0.15 | -0.41 | 0.75 | -0.28 | 0.51 | 0.71 | -0.78 | 0.84 |
| | | 0.0003 | 0 | 0.38 | 0.88 | 0.07 | 0.26 | 0.02 | 0.001 | 0.01 | 0.0004 | 0.03 | 0.002 | 0.01 | 0.81 | 0.49 | 0.14 | 0.64 | 0.38 | 0.29 | 0.12 | 0.07 |
| Mki67 RNAf | 9.49 | 0.99 | 0.79 | 0.57 | 0.35 | -0.53 | 0.62 | 0.61 | 0.84 | 0.75 | 0.7 | 0.5 | 0.54 | 0.45 | -0.43 | 0.4 | -0.14 | -0.83 | 0.08 | 0.61 | -0.08 | 0.71 |
| | | 0 | 0 | 0.08 | 0.33 | 0.12 | 0.06 | 0.06 | 0.002 | 0.01 | 0.03 | 0.14 | 0.04 | 0.19 | 0.47 | 0.51 | 0.83 | 0.08 | 0.9 | 0.27 | 0.9 | 0.18 |
| Birc5 RNAf | 9.1 | 0.99 | 0.82 | 0.38 | 0.46 | -0.14 | 0.31 | 0.4 | 0.83 | 0.69 | 0.71 | 0.52 | 0.64 | 0.6 | 0.06 | 0.29 | -0.28 | -0.98 | -0.43 | 0.56 | 0.06 | 0.83 |
| | | 0 | 0 | 0.36 | 0.18 | 0.71 | 0.38 | 0.25 | 0.003 | 0.03 | 0.02 | 0.12 | 0.01 | 0.06 | 0.93 | 0.63 | 0.65 | 0.003 | 0.47 | 0.33 | 0.92 | 0.08 |
| Gsta2 RNAa | 8.06 | 0.91 | 0.6 | 0.15 | -0.13 | -0.7 | 0.83 | 0.65 | 0.9 | 0.94 | 0.86 | 0.69 | -0.13 | -0.48 | 0.57 | -0.76 | 0.41 | -0.93 | 0.83 | 0.89 | 0.52 | -0.56 |
| | | 0.001 | 0 | 0.68 | 0.71 | 0.02 | 0.003 | 0.04 | 0.0004 | 0 | 0.001 | 0.03 | 0.64 | 0.16 | 0.32 | 0.14 | 0.5 | 0.02 | 0.08 | 0.04 | 0.37 | 0.33 |
| Lama1 RNAf | 8.01 | 0.87 | 0.66 | 0.53 | 0.67 | 0.29 | -0.07 | 0.13 | 0.84 | 0.54 | 0.66 | 0.54 | 0.46 | 0.28 | -0.18 | 0.07 | 0.11 | -0.56 | -0.37 | 0.72 | -0.42 | 0.47 |
| | | 0.005 | 0 | 0.11 | 0.04 | 0.42 | 0.84 | 0.71 | 0.002 | 0.1 | 0.04 | 0.11 | 0.09 | 0.43 | 0.77 | 0.92 | 0.86 | 0.33 | 0.53 | 0.17 | 0.48 | 0.42 |
| Col1a1 RNAf | 7.89 | 0.91 | 0.78 | 0.42 | -0.26 | -0.61 | 0.29 | 0.25 | 0.82 | 0.61 | 0.71 | 0.51 | 0.5 | 0.41 | 0.71 | 0.44 | 0.31 | -0.89 | -0.33 | 0.47 | 0.01 | 0.72 |
| | | 0.002 | 0 | 0.23 | 0.47 | 0.06 | 0.41 | 0.49 | 0.004 | 0.06 | 0.02 | 0.13 | 0.05 | 0.24 | 0.18 | 0.46 | 0.61 | 0.04 | 0.59 | 0.42 | 0.98 | 0.17 |
| CTGF cells | 7.88 | 0.88 | 0.77 | 0.02 | -0.91 | -0.47 | 0.87 | 0.27 | 0.86 | 0.79 | 0.95 | 0.47 | 0.25 | 0.12 | 1 | 0.26 | -0.09 | 0.94 | 0.43 | -0.96 | 0.62 | 0.63 |
| | | 0.004 | 0 | 0.05 | 0.01 | 0.34 | 0.03 | 0.61 | 0.03 | 0.06 | 0.004 | 0.35 | 0.51 | 0.82 | 0.01 | 0.83 | 0.94 | 0.21 | 0.72 | 0.19 | 0.57 | 0.57 |
| Mrc1 RNAz | 7.77 | 0.87 | 0.62 | 0.72 | 0.83 | 0.13 | 0.09 | 0.31 | 0.75 | 0.46 | 0.82 | 0.58 | 0.09 | -0.38 | -0.02 | 0.77 | -0.19 | -0.62 | -0.24 | 0.28 | -0.2 | -0.39 |
| | | 0.005 | 0 | 0.02 | 0.003 | 0.72 | 0.81 | 0.39 | 0.01 | 0.18 | 0.004 | 0.08 | 0.75 | 0.27 | 0.97 | 0.13 | 0.77 | 0.26 | 0.69 | 0.65 | 0.75 | 0.52 |
| BrdU Hep cells | 7.67 | 0.88 | 0.62 | 0.53 | 0.56 | 0.5 | 0.24 | 0.27 | 0.55 | 0.49 | 0.66 | 0.19 | 0.31 | 0.39 | -0.27 | 0.42 | -0.17 | 0.92 | 0.17 | 0.19 | -0.22 | 0.91 |
| | | 0.004 | 0 | 0.12 | 0.09 | 0.14 | 0.51 | 0.46 | 0.1 | 0.15 | 0.03 | 0.58 | 0.25 | 0.23 | 0.66 | 0.48 | 0.78 | 0.03 | 0.78 | 0.76 | 0.68 | 0.03 |
| S100A4 cells | 7.62 | 0.91 | 0.79 | -0.54 | -0.96 | -0.39 | 0.69 | 0.46 | 0.94 | 0.87 | 0.87 | 0.16 | 0.16 | 0.08 | 0.97 | -0.71 | 1 | -0.92 | -0.93 | 0.6 | -0.38 | 0.42 |
| | | 0.002 | 0 | 0.27 | 0.002 | 0.44 | 0.13 | 0.36 | 0.01 | 0.02 | 0.02 | 0.76 | 0.68 | 0.88 | 0.14 | 0.5 | 0.03 | 0.26 | 0.23 | 0.59 | 0.75 | 0.72 |
| Pde4a RNAf | 7.44 | 0.89 | 0.73 | -0.43 | -0.52 | -0.33 | 0.44 | 0.48 | 0.69 | 0.35 | 0.58 | 0.62 | 0.58 | 0.45 | -0.28 | 0.33 | -0.45 | -0.5 | 0.15 | 0.8 | -0.13 | 0.72 |
| | | 0.003 | 0 | 0.21 | 0.12 | 0.35 | 0.2 | 0.16 | 0.03 | 0.32 | 0.08 | 0.06 | 0.02 | 0.2 | 0.65 | 0.59 | 0.45 | 0.39 | 0.81 | 0.1 | 0.83 | 0.17 |
| Slc10a1 RNAa | 7.3 | -0.81 | -0.63 | 0.45 | 0.56 | -0.04 | -0.16 | -0.04 | -0.58 | -0.58 | -0.82 | -0.72 | -0.71 | -0.74 | 0.51 | 0.84 | 0.25 | -0.87 | 0.23 | -0.64 | 0.37 | -0.92 |
| | | 0.01 | 0 | 0.19 | 0.09 | 0.9 | 0.65 | 0.91 | 0.08 | 0.08 | 0.003 | 0.02 | 0.003 | 0.01 | 0.38 | 0.08 | 0.69 | 0.05 | 0.71 | 0.24 | 0.54 | 0.03 |
| Ugt1a1 RNAa | 7.23 | -0.77 | -0.64 | 0.39 | 0.14 | -0.67 | 0.3 | -0.02 | -0.21 | -0.5 | -0.9 | -0.73 | -0.7 | -0.68 | 0.42 | -0.23 | -0.15 | -0.98 | -0.32 | -0.67 | 0.33 | -0.8 |
| | | 0.03 | 0 | 0.26 | 0.69 | 0.03 | 0.4 | 0.95 | 0.57 | 0.14 | 0.0003 | 0.02 | 0.003 | 0.03 | 0.48 | 0.71 | 0.81 | 0.003 | 0.6 | 0.21 | 0.58 | 0.1 |
| Tnfrsf1a RNAz | 7.08 | 0.82 | 0.57 | 0.6 | 0.34 | -0.16 | 0.69 | 0.32 | 0.55 | 0.61 | 0.53 | 0.47 | 0.17 | -0.24 | -0.64 | 0.09 | -0.92 | 0.62 | 0.47 | 0.72 | -0.45 | -0.27 |
| | | 0.01 | 0.0001 | 0.06 | 0.34 | 0.66 | 0.03 | 0.36 | 0.1 | 0.06 | 0.12 | 0.17 | 0.54 | 0.51 | 0.24 | 0.88 | 0.03 | 0.26 | 0.42 | 0.17 | 0.45 | 0.67 |
| Sparc RNAf | 7 | 0.89 | 0.65 | 0.51 | 0.42 | -0.32 | -0.01 | 0.07 | 0.83 | 0.53 | 0.75 | 0.59 | 0.22 | -0.08 | 0.84 | -0.14 | -0.05 | -0.8 | -0.51 | 0.64 | -0.08 | 0.02 |
| | | 0.003 | 0 | 0.13 | 0.23 | 0.36 | 0.99 | 0.84 | 0.003 | 0.11 | 0.01 | 0.07 | 0.44 | 0.82 | 0.08 | 0.83 | 0.93 | 0.1 | 0.38 | 0.25 | 0.89 | 0.98 |
| Cyp2c37 RNAa | 6.96 | -0.86 | -0.65 | 0.67 | 0.4 | -0.39 | 0.61 | -0.05 | -0.65 | -0.24 | -0.78 | -0.7 | -0.55 | -0.56 | -0.22 | 0.05 | 0.1 | -0.1 | 0.81 | -0.57 | -0.08 | -0.8 |
| | | 0.01 | 0 | 0.03 | 0.25 | 0.26 | 0.06 | 0.88 | 0.04 | 0.5 | 0.01 | 0.02 | 0.03 | 0.1 | 0.72 | 0.93 | 0.87 | 0.87 | 0.1 | 0.31 | 0.9 | 0.11 |
| Gstm1 RNAa | 6.88 | 0.82 | 0.63 | 0.42 | -0.52 | -0.79 | 0.62 | 0.5 | 0.8 | 0.61 | 0.62 | 0.34 | 0.07 | -0.1 | 0.2 | -0.05 | 0.06 | -0.9 | -0.77 | 0.59 | 0.89 | -0.24 |
| | | 0.01 | 0 | 0.22 | 0.12 | 0.01 | 0.06 | 0.14 | 0.01 | 0.06 | 0.05 | 0.33 | 0.82 | 0.77 | 0.75 | 0.94 | 0.92 | 0.04 | 0.13 | 0.3 | 0.04 | 0.7 |

4.7 BrdU Kupffer cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|----------------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| BrdU NP cells | 11.8 | 0.87 | 0.82 | 0.81 | 0.89 | 0.47 | 0.96 | 0.96 | 0.96 | 0.92 | 0.68 | 0.28 | 0.61 | 0.85 | -0.28 | 0.89 | 0.32 | 0.06 | 0.94 | 0.89 | 0.17 | 0.97 |
| | | 0.005 | 0 | 0.005 | 0.001 | 0.17 | 0 | 0 | 0 | 0.0004 | 0.02 | 0.43 | 0.02 | 0.001 | 0.64 | 0.04 | 0.6 | 0.93 | 0.02 | 0.11 | 0.75 | 0.01 |
| BrdU BE cells | 7.45 | 0.69 | 0.67 | -0.27 | 0.11 | 0.33 | 0.3 | 0.65 | 0.94 | 0.81 | 0.58 | -0.001 | 0.27 | 0.74 | 0.24 | -0.12 | -0.04 | 0.4 | 0.4 | 0.82 | 0.28 | 0.84 |
| | | 0.06 | 0 | 0.45 | 0.77 | 0.35 | 0.39 | 0.04 | 0.0002 | 0.01 | 0.08 | 1 | 0.35 | 0.01 | 0.7 | 0.84 | 0.96 | 0.51 | 0.51 | 0.18 | 0.64 | 0.07 |
| Mki67 RNAf | 7.11 | 0.84 | 0.63 | 0.47 | 0.37 | -0.07 | 0.45 | 0.46 | 0.91 | 0.73 | 0.27 | -0.08 | 0.22 | 0.28 | -0.03 | 0.31 | 0.45 | -0.45 | -0.22 | 0.8 | -0.85 | 0.78 |
| | | 0.01 | 0 | 0.17 | 0.3 | 0.85 | 0.19 | 0.18 | 0.001 | 0.03 | 0.45 | 0.84 | 0.44 | 0.44 | 0.96 | 0.61 | 0.44 | 0.45 | 0.72 | 0.2 | 0.07 | 0.12 |
| Gsta2 RNAa | 6.79 | 0.81 | 0.52 | 0.04 | 0.02 | -0.33 | 0.77 | 0.65 | 0.9 | 0.95 | 0.51 | 0.27 | -0.33 | -0.61 | -0.17 | -0.38 | -0.68 | -0.28 | 0.82 | 0.99 | -0.61 | -0.53 |
| | | 0.01 | 0.001 | 0.92 | 0.96 | 0.35 | 0.01 | 0.04 | 0.001 | 0 | 0.13 | 0.48 | 0.25 | 0.06 | 0.78 | 0.53 | 0.21 | 0.65 | 0.09 | 0.01 | 0.28 | 0.36 |
| Gstm1 RNAa | 6.71 | 0.93 | 0.69 | 0.21 | -0.27 | -0.51 | 0.53 | 0.45 | 0.83 | 0.6 | 0.07 | 0.59 | 0.2 | -0.35 | -0.3 | 0.24 | -0.83 | -0.21 | -0.9 | 0.79 | -0.41 | -0.35 |
| | | 0.001 | 0 | 0.57 | 0.45 | 0.14 | 0.12 | 0.19 | 0.01 | 0.09 | 0.86 | 0.09 | 0.49 | 0.33 | 0.63 | 0.7 | 0.08 | 0.73 | 0.04 | 0.21 | 0.49 | 0.57 |
| S100A4 cells | 6.67 | 0.93 | 0.78 | -0.46 | -0.67 | 0.2 | 0.43 | 0.22 | 0.92 | 0.72 | 0.53 | 0.23 | 0.01 | -0.02 | -0.89 | -0.5 | 0.97 | 0.8 | -0.86 | 1 | 0.16 | 0.27 |
| | | 0.001 | 0 | 0.35 | 0.14 | 0.71 | 0.4 | 0.68 | 0.03 | 0.17 | 0.28 | 0.71 | 0.98 | 0.97 | 0.3 | 0.67 | 0.15 | 0.41 | 0.34 | 0 | 0.9 | 0.83 |
| Birc5 RNAf | 6.56 | 0.8 | 0.61 | 0.21 | 0.41 | 0.33 | 0.13 | 0.23 | 0.89 | 0.63 | 0.24 | -0.13 | 0.26 | 0.39 | 0.18 | 0.12 | 0.12 | -0.18 | -0.64 | 0.75 | -0.87 | 0.87 |
| | | 0.02 | 0 | 0.56 | 0.24 | 0.36 | 0.71 | 0.52 | 0.001 | 0.07 | 0.5 | 0.74 | 0.37 | 0.27 | 0.77 | 0.85 | 0.85 | 0.77 | 0.24 | 0.25 | 0.06 | 0.05 |
| Rarres1 RNAf | 6.38 | -0.81 | -0.49 | 0.25 | 0.24 | 0.64 | -0.32 | -0.65 | -0.85 | -0.71 | -0.25 | -0.57 | -0.42 | 0.06 | 0.65 | -0.41 | 0.8 | -0.22 | -0.52 | -0.79 | 0.03 | 0.37 |
| | | 0.02 | 0.001 | 0.49 | 0.5 | 0.04 | 0.37 | 0.04 | 0.003 | 0.03 | 0.48 | 0.11 | 0.14 | 0.87 | 0.23 | 0.49 | 0.1 | 0.72 | 0.37 | 0.21 | 0.96 | 0.53 |
| Slc10a1 RNAa | 6.18 | -0.77 | -0.61 | 0.3 | 0.73 | -0.03 | -0.19 | 0.001 | -0.56 | -0.55 | -0.55 | -0.34 | -0.46 | -0.74 | 0.03 | 0.91 | -0.36 | 0.13 | 0.14 | -0.76 | 0.17 | -0.9 |
| | | 0.02 | 0 | 0.39 | 0.02 | 0.93 | 0.6 | 1 | 0.12 | 0.13 | 0.1 | 0.38 | 0.1 | 0.02 | 0.96 | 0.03 | 0.55 | 0.84 | 0.82 | 0.24 | 0.78 | 0.04 |
| CTGF cells | 6.08 | 0.74 | 0.63 | -0.6 | -0.72 | -0.47 | 0.68 | 0.22 | 0.99 | 0.91 | 0.55 | -0.68 | -0.55 | -0.24 | -0.76 | 0 | -0.28 | -0.84 | 0.28 | -1 | -0.42 | 0.49 |
| | | 0.04 | 0.001 | 0.2 | 0.11 | 0.35 | 0.13 | 0.67 | 0.001 | 0.03 | 0.26 | 0.21 | 0.16 | 0.65 | 0.45 | 1 | 0.82 | 0.36 | 0.82 | 0 | 0.72 | 0.67 |
| GLDH blood | 5.99 | -0.41 | -0.33 | -0.61 | -0.66 | -0.65 | -0.31 | -0.54 | -0.61 | -0.48 | -0.65 | 0.25 | 0.28 | 0.04 | -0.47 | -0.57 | -0.94 | -0.3 | -0.59 | 0.18 | -0.06 | -0.38 |
| | | 0.31 | 0.04 | 0.06 | 0.04 | 0.04 | 0.39 | 0.11 | 0.08 | 0.19 | 0.04 | 0.52 | 0.33 | 0.92 | 0.43 | 0.31 | 0.02 | 0.63 | 0.29 | 0.82 | 0.92 | 0.52 |
| Por RNAa | 5.72 | -0.07 | -0.37 | -0.2 | -0.07 | -0.18 | -0.25 | -0.1 | -0.34 | -0.79 | -0.74 | -0.6 | -0.77 | -0.81 | 0.12 | -0.09 | -0.32 | -0.5 | -0.74 | -0.92 | -0.26 | -0.89 |
| | | 0.87 | 0.02 | 0.58 | 0.84 | 0.61 | 0.49 | 0.79 | 0.38 | 0.01 | 0.02 | 0.08 | 0.001 | 0.005 | 0.84 | 0.89 | 0.6 | 0.39 | 0.16 | 0.08 | 0.67 | 0.04 |
| BrdU Hep cells | 5.69 | 0.86 | 0.52 | 0.55 | 0.56 | 0.15 | 0.04 | 0.04 | 0.6 | 0.5 | 0.14 | -0.09 | 0.21 | 0.13 | -0.36 | 0.48 | 0.68 | -0.29 | -0.1 | 0.4 | -0.83 | 0.95 |
| | | 0.01 | 0.001 | 0.1 | 0.09 | 0.68 | 0.92 | 0.91 | 0.08 | 0.17 | 0.69 | 0.8 | 0.45 | 0.7 | 0.55 | 0.41 | 0.21 | 0.63 | 0.87 | 0.6 | 0.04 | 0.01 |
| Mrc1 RNAz | 5.48 | 0.59 | 0.46 | 0.57 | 0.78 | 0.14 | -0.16 | 0.07 | 0.86 | 0.43 | 0.52 | 0.01 | -0.28 | -0.35 | -0.07 | 0.69 | -0.25 | -0.57 | -0.54 | 0.63 | -0.11 | -0.25 |
| | | 0.12 | 0.003 | 0.09 | 0.01 | 0.7 | 0.66 | 0.84 | 0.003 | 0.25 | 0.12 | 0.98 | 0.34 | 0.32 | 0.91 | 0.2 | 0.68 | 0.31 | 0.34 | 0.37 | 0.86 | 0.69 |
| Tnfrsf1a RNAz | 5.38 | 0.68 | 0.53 | 0.33 | 0.04 | -0.5 | 0.64 | 0.25 | 0.51 | 0.58 | 0.39 | 0.22 | -0.02 | -0.2 | -0.15 | -0.13 | -0.16 | -0.52 | 0.42 | 0.72 | -0.26 | -0.16 |
| | | 0.06 | 0.001 | 0.35 | 0.91 | 0.14 | 0.05 | 0.49 | 0.16 | 0.1 | 0.26 | 0.57 | 0.96 | 0.57 | 0.81 | 0.84 | 0.8 | 0.36 | 0.48 | 0.28 | 0.67 | 0.8 |
| Cyp4a10 RNAa | 5.03 | -0.69 | -0.44 | 0.45 | 0.15 | -0.04 | -0.07 | -0.29 | -0.53 | -0.53 | -0.3 | -0.69 | -0.33 | 0.09 | -0.38 | 0.1 | 0.61 | 0.44 | -0.005 | -1 | -0.02 | -0.34 |
| | | 0.06 | 0.01 | 0.19 | 0.68 | 0.91 | 0.86 | 0.42 | 0.14 | 0.15 | 0.41 | 0.04 | 0.25 | 0.81 | 0.53 | 0.87 | 0.28 | 0.45 | 0.99 | 0.004 | 0.98 | 0.57 |
| Lama1 RNAf | 4.9 | 0.58 | 0.41 | 0.39 | 0.6 | 0.34 | -0.24 | -0.05 | 0.93 | 0.17 | 0.23 | -0.16 | 0.04 | 0.2 | 0.05 | 0.15 | 0.08 | -0.4 | -0.55 | 0.89 | -0.86 | 0.62 |
| | | 0.13 | 0.01 | 0.26 | 0.07 | 0.34 | 0.5 | 0.9 | 0.0002 | 0.66 | 0.52 | 0.69 | 0.89 | 0.58 | 0.93 | 0.8 | 0.9 | 0.51 | 0.34 | 0.11 | 0.06 | 0.27 |
| Bak1 RNAf | 4.87 | 0.72 | 0.6 | -0.37 | -0.53 | 0.09 | 0.03 | 0.11 | 0.81 | 0.44 | -0.07 | 0.16 | 0.27 | 0.32 | 0.67 | -0.59 | 0.66 | -0.84 | -0.52 | 0.98 | -0.91 | 0.84 |
| | | 0.05 | 0 | 0.3 | 0.11 | 0.8 | 0.93 | 0.77 | 0.01 | 0.24 | 0.84 | 0.69 | 0.35 | 0.36 | 0.21 | 0.29 | 0.22 | 0.08 | 0.37 | 0.02 | 0.03 | 0.08 |

4.8 BrdU+ biliary epithelial cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|----------------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|
| BrdU NP cells | 10.2 | 0.95 | 0.89 | -0.31 | -0.05 | 0.6 | 0.39 | 0.74 | 0.9 | 0.83 | 0.9 | 0.71 | 0.74 | 0.74 | -0.15 | -0.41 | 0.75 | -0.28 | 0.51 | 0.71 | -0.78 | 0.84 |
| | 0.0003 | 0 | | 0.38 | 0.88 | 0.07 | 0.26 | 0.02 | 0.001 | 0.01 | 0.0004 | 0.03 | 0.002 | 0.01 | 0.81 | 0.49 | 0.14 | 0.64 | 0.38 | 0.29 | 0.12 | 0.07 |
| S100A4 cells | 9.3 | 0.82 | 0.86 | 0.82 | 0.35 | -0.26 | 0.37 | 0.77 | 0.99 | 0.98 | 0.91 | 0.12 | 0.27 | 0.36 | -0.49 | 1 | 0.88 | 0.11 | 0.54 | 1 | 0.25 | 0.75 |
| | 0.01 | 0 | | 0.05 | 0.49 | 0.62 | 0.47 | 0.07 | 0.001 | 0.003 | 0.01 | 0.85 | 0.51 | 0.49 | 0.67 | 0 | 0.31 | 0.93 | 0.64 | 0 | 0.84 | 0.46 |
| Col1a1 RNAf | 8.69 | 0.97 | 0.85 | -0.21 | -0.04 | -0.12 | 0.38 | 0.72 | 0.98 | 0.92 | 0.61 | 0.46 | 0.64 | 0.35 | 0.22 | -0.54 | -0.003 | 0.04 | 0.58 | 0.98 | -0.72 | 0.78 |
| | 0 | 0 | | 0.55 | 0.92 | 0.74 | 0.27 | 0.02 | 0 | 0.0004 | 0.08 | 0.25 | 0.02 | 0.36 | 0.72 | 0.35 | 1 | 0.95 | 0.3 | 0.02 | 0.28 | 0.12 |
| Bili blood | 8.63 | 0.97 | 0.86 | 0.5 | -0.44 | -0.42 | 0.31 | 0.3 | 0.76 | 0.68 | 0.86 | 0.8 | 0.64 | 0.13 | -0.53 | -0.67 | 0.34 | -0.59 | 0.36 | 0.73 | -0.23 | 0.33 |
| | 0 | 0 | | 0.14 | 0.2 | 0.23 | 0.39 | 0.4 | 0.02 | 0.05 | 0.002 | 0.01 | 0.01 | 0.71 | 0.36 | 0.22 | 0.58 | 0.29 | 0.55 | 0.27 | 0.71 | 0.59 |
| Tgfb1 RNAz | 8.39 | 0.95 | 0.78 | -0.41 | -0.27 | -0.4 | 0.27 | 0.81 | 0.9 | 0.7 | 0.9 | 0.88 | 0.47 | -0.18 | -0.5 | -0.94 | -0.5 | 0.02 | 0.72 | 0.85 | 0.61 | -0.42 |
| | 0.0003 | 0 | | 0.23 | 0.45 | 0.26 | 0.45 | 0.004 | 0.001 | 0.04 | 0.001 | 0.004 | 0.1 | 0.64 | 0.39 | 0.02 | 0.39 | 0.98 | 0.17 | 0.15 | 0.39 | 0.48 |
| Il10rb RNAz | 8.18 | 0.95 | 0.78 | 0.1 | -0.09 | -0.22 | 0.2 | 0.69 | 0.82 | 0.65 | 0.88 | 0.87 | 0.49 | -0.18 | -0.39 | -0.38 | -0.6 | 0.14 | 0.69 | 0.91 | 0.48 | -0.41 |
| | 0.0004 | 0 | | 0.78 | 0.81 | 0.55 | 0.58 | 0.03 | 0.01 | 0.06 | 0.002 | 0.005 | 0.09 | 0.64 | 0.52 | 0.52 | 0.29 | 0.83 | 0.19 | 0.09 | 0.52 | 0.5 |
| Cyp2c37 RNAa | 8.09 | -0.88 | -0.7 | -0.47 | 0.04 | -0.45 | -0.07 | -0.4 | -0.53 | -0.2 | -0.82 | -0.81 | -0.74 | -0.45 | -0.82 | 0.66 | -0.27 | -0.43 | -0.02 | 0.37 | -0.02 | -0.65 |
| | 0.004 | 0 | | 0.17 | 0.9 | 0.2 | 0.84 | 0.25 | 0.15 | 0.61 | 0.01 | 0.01 | 0.004 | 0.23 | 0.09 | 0.22 | 0.66 | 0.47 | 0.97 | 0.63 | 0.98 | 0.23 |
| Slc10a1 RNAa | 8.04 | -0.8 | -0.66 | -0.23 | 0.09 | 0.04 | -0.3 | -0.29 | -0.66 | -0.79 | -0.88 | -0.81 | -0.68 | -0.47 | -0.65 | 0.12 | -0.17 | -0.07 | -0.57 | -0.99 | -0.03 | -0.58 |
| | 0.02 | 0 | | 0.52 | 0.81 | 0.91 | 0.4 | 0.41 | 0.05 | 0.01 | 0.002 | 0.01 | 0.01 | 0.2 | 0.24 | 0.84 | 0.79 | 0.91 | 0.31 | 0.01 | 0.97 | 0.3 |
| Ugt1a1 RNAa | 7.9 | -0.85 | -0.67 | -0.56 | 0.46 | -0.54 | -0.46 | -0.16 | 0.28 | -0.04 | -0.95 | -0.92 | -0.73 | -0.51 | -0.73 | 0.6 | -0.6 | 0.3 | -0.93 | -0.21 | -0.47 | -0.58 |
| | 0.01 | 0 | | 0.09 | 0.18 | 0.1 | 0.18 | 0.67 | 0.47 | 0.91 | 0 | 0.001 | 0.01 | 0.16 | 0.16 | 0.28 | 0.28 | 0.62 | 0.02 | 0.79 | 0.53 | 0.3 |
| Cyp2e1 RNAf | 7.86 | -0.93 | -0.72 | -0.41 | -0.2 | -0.59 | 0.07 | 0.09 | -0.6 | -0.52 | -0.88 | -0.79 | -0.59 | 0.09 | -0.92 | 0.13 | -0.41 | -0.4 | 0.38 | -0.57 | -0.27 | 0.19 |
| | 0.001 | 0 | | 0.25 | 0.59 | 0.07 | 0.85 | 0.81 | 0.09 | 0.15 | 0.002 | 0.02 | 0.03 | 0.82 | 0.03 | 0.84 | 0.49 | 0.51 | 0.53 | 0.43 | 0.73 | 0.76 |
| Ccr2 RNAz | 7.69 | 0.92 | 0.75 | -0.01 | -0.31 | -0.41 | 0.3 | 0.69 | 0.67 | 0.58 | 0.88 | 0.82 | 0.41 | -0.2 | -0.09 | -0.72 | -0.53 | -0.29 | 0.67 | 0.42 | 0.61 | -0.44 |
| | 0.001 | 0 | | 0.97 | 0.38 | 0.24 | 0.39 | 0.03 | 0.05 | 0.1 | 0.002 | 0.01 | 0.16 | 0.6 | 0.88 | 0.17 | 0.36 | 0.63 | 0.21 | 0.58 | 0.39 | 0.45 |
| CTGF cells | 7.64 | 0.9 | 0.89 | 0.47 | 0.16 | -0.7 | -0.18 | -0.48 | 0.91 | 0.85 | 0.81 | 0.31 | 0.52 | 0.02 | -0.69 | -0.87 | -0.5 | -0.19 | -0.97 | -1 | -0.51 | 0.89 |
| | 0.002 | 0 | | 0.35 | 0.76 | 0.12 | 0.73 | 0.33 | 0.03 | 0.07 | 0.05 | 0.61 | 0.18 | 0.96 | 0.52 | 0.33 | 0.66 | 0.88 | 0.15 | 0 | 0.66 | 0.31 |
| Hgf RNAz | 7.57 | 0.95 | 0.71 | -0.46 | 0.02 | -0.06 | 0.36 | 0.72 | 0.8 | 0.31 | 0.83 | 0.82 | 0.38 | -0.3 | -0.4 | -0.005 | -0.38 | -0.27 | 0.7 | 0.67 | 0.61 | -0.69 |
| | 0.0003 | 0 | | 0.19 | 0.95 | 0.87 | 0.3 | 0.02 | 0.01 | 0.41 | 0.01 | 0.01 | 0.2 | 0.44 | 0.51 | 0.99 | 0.52 | 0.67 | 0.19 | 0.33 | 0.39 | 0.2 |
| Cd86 RNAz | 7.49 | 0.95 | 0.8 | -0.45 | -0.21 | -0.46 | -0.22 | 0.46 | 0.75 | 0.51 | 0.88 | 0.86 | 0.53 | -0.04 | -0.33 | -0.48 | -0.67 | 0.02 | -0.22 | 0.59 | 0.61 | -0.21 |
| | 0.0003 | 0 | | 0.19 | 0.57 | 0.18 | 0.55 | 0.18 | 0.02 | 0.16 | 0.002 | 0.01 | 0.06 | 0.92 | 0.59 | 0.41 | 0.22 | 0.97 | 0.73 | 0.41 | 0.39 | 0.74 |
| Lama1 RNAf | 7.48 | 0.9 | 0.68 | -0.53 | -0.09 | 0.09 | 0.27 | 0.67 | 0.85 | 0.4 | 0.72 | 0.66 | 0.53 | 0.11 | -0.9 | -0.54 | -0.4 | -0.26 | 0.55 | 0.68 | -0.44 | 0.27 |
| | 0.002 | 0 | | 0.12 | 0.8 | 0.81 | 0.45 | 0.03 | 0.004 | 0.29 | 0.03 | 0.07 | 0.06 | 0.77 | 0.04 | 0.35 | 0.5 | 0.67 | 0.34 | 0.32 | 0.56 | 0.66 |
| BrdU Kup cells | 7.45 | 0.69 | 0.67 | -0.27 | 0.11 | 0.33 | 0.3 | 0.65 | 0.94 | 0.81 | 0.58 | -0.001 | 0.27 | 0.74 | 0.24 | -0.12 | -0.04 | 0.4 | 0.4 | 0.82 | 0.28 | 0.84 |
| | 0.06 | 0 | | 0.45 | 0.77 | 0.35 | 0.39 | 0.04 | 0.0002 | 0.01 | 0.08 | 1 | 0.35 | 0.01 | 0.7 | 0.84 | 0.96 | 0.51 | 0.51 | 0.18 | 0.64 | 0.07 |
| Ccl2 RNAz | 7.44 | 0.9 | 0.75 | 0.05 | -0.16 | -0.38 | 0.28 | 0.47 | 0.64 | 0.61 | 0.82 | 0.82 | 0.44 | -0.18 | -0.43 | 0.14 | -0.48 | -0.11 | 0.68 | 0.89 | 0.47 | -0.41 |
| | 0.002 | 0 | | 0.89 | 0.66 | 0.28 | 0.43 | 0.17 | 0.06 | 0.08 | 0.01 | 0.01 | 0.13 | 0.65 | 0.47 | 0.82 | 0.41 | 0.87 | 0.21 | 0.11 | 0.53 | 0.49 |
| Sparc RNAf | 7.36 | 0.96 | 0.7 | -0.59 | 0.01 | -0.01 | 0.26 | 0.59 | 0.87 | 0.67 | 0.71 | 0.61 | 0.32 | -0.36 | -0.48 | -0.43 | -0.39 | -0.03 | 0.43 | 0.78 | -0.67 | -0.29 |
| | 0.0002 | 0 | | 0.07 | 0.99 | 0.97 | 0.48 | 0.08 | 0.003 | 0.05 | 0.03 | 0.11 | 0.28 | 0.34 | 0.41 | 0.47 | 0.52 | 0.97 | 0.47 | 0.22 | 0.33 | 0.64 |

4.9 Collagen area

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|---------------|------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Tnfrsf1b RNAz | 7.51 | 0.92 | 0.78 | 0.16 | 0.52 | -0.14 | -0.38 | -0.01 | 0.67 | 0.01 | 0.46 | 0.71 | 0.84 | 0.72 | -0.58 | 0.07 | -0.71 | 0.59 | -0.48 | 0.79 | 0.59 | 0.35 |
| | | 0.001 | 0 | 0.66 | 0.12 | 0.7 | 0.28 | 0.99 | 0.03 | 0.98 | 0.21 | 0.03 | 0.0002 | 0.03 | 0.31 | 0.91 | 0.18 | 0.29 | 0.41 | 0.11 | 0.41 | 0.56 |
| Osm RNAz | 7.39 | 0.94 | 0.7 | -0.1 | 0.46 | -0.29 | -0.01 | 0.27 | 0.61 | 0.45 | 0.55 | 0.71 | 0.66 | 0.42 | -0.42 | -0.56 | -0.76 | 0.47 | 0.87 | 0.75 | 0.61 | -0.37 |
| | | 0.001 | 0 | 0.77 | 0.18 | 0.42 | 0.98 | 0.45 | 0.06 | 0.2 | 0.13 | 0.03 | 0.01 | 0.26 | 0.48 | 0.32 | 0.13 | 0.42 | 0.06 | 0.14 | 0.39 | 0.54 |
| Ccr5 RNAz | 7.11 | 0.95 | 0.77 | -0.27 | 0.6 | -0.32 | -0.42 | 0.22 | 0.08 | -0.13 | 0.6 | 0.77 | 0.78 | 0.62 | -0.34 | 0.64 | -0.83 | 0.9 | -0.26 | 0.16 | 0.71 | -0.08 |
| | | 0.0004 | 0 | 0.44 | 0.06 | 0.37 | 0.23 | 0.55 | 0.82 | 0.71 | 0.09 | 0.01 | 0.001 | 0.07 | 0.57 | 0.24 | 0.08 | 0.04 | 0.67 | 0.79 | 0.29 | 0.9 |
| Osmr RNAz | 7 | 0.91 | 0.73 | -0.38 | 0.15 | 0.2 | -0.35 | -0.07 | 0.8 | -0.09 | 0.54 | 0.78 | 0.73 | 0.51 | -0.31 | -0.6 | -0.3 | 0.92 | -0.38 | 0.97 | 0.7 | -0.25 |
| | | 0.002 | 0 | 0.28 | 0.67 | 0.57 | 0.32 | 0.84 | 0.01 | 0.81 | 0.14 | 0.01 | 0.003 | 0.16 | 0.61 | 0.28 | 0.62 | 0.03 | 0.53 | 0.01 | 0.3 | 0.68 |
| Ccl2 RNAz | 6.74 | 0.92 | 0.75 | 0.001 | 0.56 | -0.18 | -0.3 | 0.04 | 0.66 | 0.06 | 0.22 | 0.48 | 0.78 | 0.6 | -0.66 | -0.72 | -0.79 | 0.61 | -0.22 | 0.8 | 0.13 | 0.35 |
| | | 0.001 | 0 | 1 | 0.09 | 0.62 | 0.4 | 0.9 | 0.04 | 0.88 | 0.58 | 0.19 | 0.001 | 0.09 | 0.23 | 0.17 | 0.12 | 0.27 | 0.73 | 0.11 | 0.87 | 0.56 |
| Cd86 RNAz | 6.68 | 0.89 | 0.74 | -0.29 | 0.46 | -0.15 | -0.16 | 0.36 | 0.31 | 0.03 | 0.4 | 0.6 | 0.74 | 0.52 | -0.57 | -0.08 | -0.6 | 0.83 | -0.05 | 0.42 | 0.42 | 0.04 |
| | | 0.003 | 0 | 0.41 | 0.18 | 0.68 | 0.66 | 0.31 | 0.39 | 0.93 | 0.29 | 0.08 | 0.002 | 0.15 | 0.31 | 0.9 | 0.28 | 0.08 | 0.94 | 0.48 | 0.58 | 0.95 |
| Il10rb RNAz | 6.63 | 0.9 | 0.71 | 0.22 | 0.61 | -0.08 | -0.37 | 0.07 | 0.54 | -0.01 | 0.29 | 0.55 | 0.71 | 0.42 | -0.41 | 0.31 | -0.74 | 0.63 | -0.31 | 0.83 | 0.26 | -0.17 |
| | | 0.003 | 0 | 0.55 | 0.06 | 0.82 | 0.29 | 0.84 | 0.11 | 0.98 | 0.44 | 0.13 | 0.005 | 0.26 | 0.5 | 0.61 | 0.15 | 0.25 | 0.62 | 0.08 | 0.74 | 0.79 |
| Il2 RNAz | 6.57 | 0.95 | 0.68 | 0.34 | 0.13 | 0.15 | -0.15 | -0.22 | 0.14 | 0.13 | 0.6 | 0.76 | 0.64 | 0.42 | -0.5 | 0.77 | -0.39 | -0.72 | 0.004 | 0.53 | 0.69 | -0.38 |
| | | 0.0004 | 0 | 0.34 | 0.72 | 0.68 | 0.68 | 0.55 | 0.69 | 0.72 | 0.09 | 0.02 | 0.01 | 0.26 | 0.39 | 0.13 | 0.51 | 0.17 | 0.99 | 0.36 | 0.31 | 0.53 |
| Tnfrsf1a RNAz | 6.55 | 0.61 | 0.55 | -0.74 | 0.31 | -0.01 | -0.09 | 0.29 | 0.85 | 0.21 | 0.61 | 0.76 | 0.67 | 0.51 | -0.34 | -0.52 | -0.54 | 0.88 | -0.08 | 0.96 | 0.74 | -0.01 |
| | | 0.11 | 0.0002 | 0.01 | 0.39 | 0.97 | 0.81 | 0.42 | 0.002 | 0.55 | 0.08 | 0.02 | 0.01 | 0.16 | 0.58 | 0.37 | 0.35 | 0.05 | 0.89 | 0.01 | 0.26 | 0.98 |
| Met RNAz | 6.54 | 0.81 | 0.56 | 0.56 | 0.29 | 0.56 | 0.22 | 0.15 | 0.07 | -0.07 | 0.52 | 0.6 | 0.52 | 0.3 | -0.54 | -0.54 | 0.57 | 0.52 | -0.01 | -0.43 | 0.61 | -0.51 |
| | | 0.01 | 0.0002 | 0.09 | 0.42 | 0.09 | 0.54 | 0.67 | 0.86 | 0.84 | 0.15 | 0.09 | 0.05 | 0.43 | 0.35 | 0.35 | 0.31 | 0.37 | 0.99 | 0.47 | 0.39 | 0.38 |
| Bili blood | 6.51 | 0.8 | 0.64 | 0.53 | 0.55 | -0.27 | -0.17 | -0.04 | 0.38 | -0.14 | 0.44 | 0.76 | 0.64 | 0.34 | -0.77 | 0.97 | -0.5 | 0.3 | -0.28 | 0.83 | 0.89 | -0.44 |
| | | 0.02 | 0 | 0.12 | 0.1 | 0.45 | 0.64 | 0.91 | 0.27 | 0.7 | 0.2 | 0.01 | 0.01 | 0.34 | 0.13 | 0.01 | 0.39 | 0.62 | 0.65 | 0.08 | 0.05 | 0.45 |
| Il13 RNAz | 6.37 | 0.93 | 0.69 | -0.29 | 0.38 | -0.5 | -0.42 | -0.16 | 0.18 | 0.13 | 0.6 | 0.78 | 0.65 | 0.4 | -0.08 | 0.05 | -0.9 | 0.21 | 0.004 | 0.53 | 0.74 | -0.35 |
| | | 0.001 | 0 | 0.41 | 0.29 | 0.15 | 0.22 | 0.65 | 0.61 | 0.72 | 0.09 | 0.01 | 0.01 | 0.28 | 0.89 | 0.93 | 0.04 | 0.74 | 0.99 | 0.36 | 0.26 | 0.56 |
| Cxcl3 RNAz | 6.33 | 0.92 | 0.68 | -0.13 | 0.29 | -0.37 | -0.36 | -0.12 | 0.27 | 0.14 | 0.6 | 0.77 | 0.65 | 0.4 | -0.5 | -0.61 | -0.86 | 0.12 | 0.04 | 0.5 | 0.7 | -0.39 |
| | | 0.001 | 0 | 0.73 | 0.42 | 0.3 | 0.3 | 0.75 | 0.45 | 0.71 | 0.09 | 0.02 | 0.01 | 0.28 | 0.39 | 0.28 | 0.06 | 0.85 | 0.95 | 0.39 | 0.3 | 0.51 |
| Ccr2 RNAz | 6.32 | 0.92 | 0.74 | 0.05 | 0.57 | -0.19 | -0.18 | 0.14 | 0.15 | -0.12 | 0.31 | 0.51 | 0.74 | 0.53 | -0.18 | 0.01 | -0.68 | 0.61 | -0.13 | 0.26 | 0.26 | 0.1 |
| | | 0.001 | 0 | 0.9 | 0.08 | 0.59 | 0.61 | 0.7 | 0.69 | 0.75 | 0.41 | 0.16 | 0.002 | 0.14 | 0.78 | 0.98 | 0.21 | 0.28 | 0.83 | 0.68 | 0.74 | 0.87 |
| Ifna1 RNAz | 6.31 | 0.95 | 0.71 | -0.13 | 0.05 | -0.58 | -0.27 | -0.3 | -0.36 | -0.06 | 0.79 | 0.93 | 0.7 | 0.53 | 0.41 | 0.67 | -0.56 | -0.61 | -0.23 | -0.19 | 0.95 | -0.77 |
| | | 0.0004 | 0 | 0.72 | 0.9 | 0.08 | 0.45 | 0.39 | 0.3 | 0.86 | 0.01 | 0.0003 | 0.01 | 0.15 | 0.49 | 0.21 | 0.32 | 0.28 | 0.7 | 0.76 | 0.05 | 0.13 |
| Cxcr1 RNAz | 6.28 | 0.94 | 0.75 | -0.29 | 0.001 | -0.69 | -0.34 | -0.26 | -0.27 | 0.01 | 0.7 | 0.86 | 0.75 | 0.57 | 0.26 | 0.36 | -0.85 | -0.51 | -0.16 | -0.14 | 0.84 | -0.37 |
| | | 0.0005 | 0 | 0.42 | 1 | 0.03 | 0.34 | 0.46 | 0.45 | 0.97 | 0.04 | 0.003 | 0.002 | 0.11 | 0.67 | 0.55 | 0.07 | 0.38 | 0.79 | 0.82 | 0.16 | 0.54 |
| Pparg RNAf | 6.14 | 0.89 | 0.6 | 0.77 | 0.2 | 0.13 | 0.31 | 0.13 | -0.07 | 0.16 | 0.2 | 0.13 | 0.61 | 0.54 | -0.28 | 0.42 | 0.61 | -0.36 | 0.2 | 0.25 | 0.25 | 0.15 |
| | | 0.003 | 0 | 0.01 | 0.58 | 0.72 | 0.39 | 0.73 | 0.85 | 0.65 | 0.61 | 0.74 | 0.02 | 0.13 | 0.65 | 0.48 | 0.27 | 0.55 | 0.75 | 0.69 | 0.75 | 0.81 |
| Cyp3a11 RNAa | 5.75 | -0.25 | -0.26 | -0.76 | -0.15 | -0.68 | -0.19 | -0.31 | -0.5 | -0.26 | -0.26 | -0.37 | -0.68 | -0.57 | -0.9 | -0.19 | -0.84 | -0.68 | -0.18 | -0.19 | -0.27 | -0.4 |
| | | 0.55 | 0.11 | 0.01 | 0.68 | 0.03 | 0.59 | 0.39 | 0.14 | 0.47 | 0.51 | 0.33 | 0.01 | 0.11 | 0.04 | 0.76 | 0.08 | 0.21 | 0.77 | 0.77 | 0.73 | 0.5 |

4.10 Infarct area

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 80h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|--------------|------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| Bili blood | 8.61 | 0.98 | 0.69 | 0.75 | 0.59 | 0.41 | 0.92 | 0.6 | 0.39 | 0.58 | 0.32 | 0.29 | 0.41 | -0.01 | 0 | 0.79 | 0.88 | 0.11 | 0.98 | 0.5 | -0.36 | 0.43 |
| | | 0 | 0 | 0.01 | 0.07 | 0.24 | 0.0002 | 0.07 | 0.27 | 0.08 | 0.37 | 0.42 | 0.13 | 0.98 | n.a. | 0.11 | 0.05 | 0.86 | 0.004 | 0.4 | 0.55 | 0.47 |
| Il17a RNAz | 8.25 | 0.92 | 0.81 | -0.07 | 0.43 | 0.05 | 0.15 | 0.02 | 0.44 | 0.5 | 0.84 | 0.82 | 0.78 | 0.77 | 0 | -0.24 | -0.34 | -0.03 | 0.16 | 0.64 | 0.89 | 0.46 |
| | | 0.001 | 0 | 0.86 | 0.22 | 0.89 | 0.69 | 0.96 | 0.2 | 0.14 | 0.005 | 0.01 | 0.001 | 0.01 | n.a. | 0.7 | 0.58 | 0.96 | 0.79 | 0.25 | 0.11 | 0.43 |
| SMA cells | 7.76 | 0.96 | 0.73 | 0.6 | 0.74 | 0.21 | -0.45 | -0.52 | 0.44 | -0.27 | 0.57 | 0.67 | 0.59 | 0.56 | 0 | -0.94 | -0.82 | 0.36 | -0.99 | 0.08 | 0.84 | 0.83 |
| | | 0.0001 | 0 | 0.21 | 0.09 | 0.69 | 0.37 | 0.29 | 0.39 | 0.6 | 0.24 | 0.14 | 0.09 | 0.25 | n.a. | 0.21 | 0.38 | 0.77 | 0.07 | 0.95 | 0.37 | 0.37 |
| Actb RNAa | 7.71 | 0.94 | 0.66 | 0.44 | 0.31 | 0.28 | 0.55 | -0.21 | 0.13 | 0.22 | 0.86 | 0.73 | 0.5 | 0.5 | 0 | 0.76 | 0.62 | -0.56 | 0.21 | 0.26 | 0.88 | -0.43 |
| | | 0.001 | 0 | 0.2 | 0.38 | 0.44 | 0.1 | 0.55 | 0.71 | 0.54 | 0.003 | 0.03 | 0.07 | 0.17 | n.a. | 0.13 | 0.26 | 0.32 | 0.74 | 0.67 | 0.12 | 0.47 |
| Actb RNAf | 7.64 | 0.87 | 0.62 | 0.62 | 0.4 | 0.18 | 0.43 | -0.31 | 0.11 | 0.27 | 0.9 | 0.78 | 0.48 | 0.48 | 0 | -0.04 | 0.53 | -0.71 | 0.2 | 0.32 | 0.94 | -0.67 |
| | | 0.005 | 0 | 0.06 | 0.25 | 0.61 | 0.21 | 0.39 | 0.75 | 0.45 | 0.001 | 0.01 | 0.08 | 0.2 | n.a. | 0.94 | 0.36 | 0.18 | 0.74 | 0.6 | 0.06 | 0.22 |
| Cyp1a2 RNAa | 7.61 | -0.8 | -0.58 | -0.49 | -0.72 | -0.55 | -0.65 | -0.54 | -0.02 | 0.15 | -0.63 | -0.3 | -0.34 | -0.6 | 0 | -0.46 | -0.16 | -0.68 | -0.61 | 0.48 | -0.77 | 0.002 |
| | | 0.02 | 0.0001 | 0.15 | 0.02 | 0.1 | 0.04 | 0.1 | 0.96 | 0.69 | 0.07 | 0.43 | 0.23 | 0.09 | n.a. | 0.44 | 0.79 | 0.2 | 0.27 | 0.42 | 0.23 | 1 |
| Actb RNAz | 7.39 | 0.93 | 0.69 | 0.36 | 0.32 | -0.06 | 0.28 | -0.3 | 0.06 | 0.3 | 0.87 | 0.83 | 0.58 | 0.54 | 0 | -0.18 | 0.1 | -0.71 | 0.23 | 0.36 | 0.92 | -0.69 |
| | | 0.001 | 0 | 0.3 | 0.37 | 0.86 | 0.43 | 0.4 | 0.86 | 0.4 | 0.002 | 0.01 | 0.03 | 0.13 | n.a. | 0.77 | 0.87 | 0.18 | 0.72 | 0.55 | 0.08 | 0.19 |
| CTGF cells | 7.3 | 0.95 | 0.71 | 0.45 | 0.71 | -0.05 | -0.23 | -0.69 | 0.37 | 0.2 | 0.78 | 0.83 | 0.41 | 0.25 | 0 | 0 | -1 | -0.98 | -1 | 0.99 | -0.87 | |
| | | 0.0003 | 0 | 0.37 | 0.12 | 0.93 | 0.66 | 0.13 | 0.47 | 0.71 | 0.07 | 0.04 | 0.28 | 0.63 | n.a. | 1 | 0.02 | 0.99 | 0.14 | 0.002 | 0.1 | 0.33 |
| Notch3 RNAf | 7.22 | 0.89 | 0.7 | -0.82 | -0.64 | -0.59 | 0.35 | 0.08 | 0.24 | 0.44 | 0.88 | 0.88 | 0.64 | 0.51 | 0 | 0.82 | -0.98 | -0.53 | 0.27 | 0.79 | 0.97 | -0.42 |
| | | 0.003 | 0 | 0.004 | 0.05 | 0.07 | 0.32 | 0.82 | 0.5 | 0.21 | 0.002 | 0.002 | 0.01 | 0.16 | n.a. | 0.09 | 0.003 | 0.36 | 0.67 | 0.11 | 0.03 | 0.48 |
| Col3a1 RNAf | 7.16 | 0.92 | 0.7 | -0.49 | -0.42 | -0.38 | 0.5 | 0.15 | 0.23 | 0.34 | 0.85 | 0.85 | 0.58 | 0.42 | 0 | 0.58 | -0.42 | -0.55 | 0.32 | 0.38 | 0.96 | -0.26 |
| | | 0.001 | 0 | 0.15 | 0.22 | 0.28 | 0.14 | 0.67 | 0.52 | 0.34 | 0.004 | 0.004 | 0.03 | 0.26 | n.a. | 0.3 | 0.49 | 0.34 | 0.6 | 0.52 | 0.04 | 0.68 |
| Pde4a RNAf | 7.06 | 0.93 | 0.63 | 0.14 | 0.37 | -0.36 | 0.26 | 0.1 | 0.31 | 0.28 | 0.85 | 0.84 | 0.5 | 0.3 | 0 | -0.02 | -0.45 | -0.33 | 0.04 | 0.4 | 0.99 | -0.86 |
| | | 0.001 | 0 | 0.7 | 0.3 | 0.31 | 0.46 | 0.77 | 0.39 | 0.44 | 0.003 | 0.004 | 0.07 | 0.44 | n.a. | 0.98 | 0.44 | 0.59 | 0.96 | 0.5 | 0.01 | 0.06 |
| Pde4d RNAf | 7.06 | 0.93 | 0.59 | 0.29 | 0.2 | 0.39 | 0.04 | -0.1 | 0.35 | 0.22 | 0.74 | 0.79 | 0.57 | 0.45 | 0 | 0.67 | 0.76 | 0.19 | -0.41 | 0.51 | 0.81 | -0.27 |
| | | 0.001 | 0 | 0.42 | 0.58 | 0.27 | 0.92 | 0.79 | 0.32 | 0.55 | 0.02 | 0.01 | 0.03 | 0.23 | n.a. | 0.21 | 0.13 | 0.76 | 0.49 | 0.38 | 0.19 | 0.66 |
| Il28b RNAz | 7 | 0.9 | 0.69 | -0.07 | 0.43 | 0.05 | 0.15 | 0.02 | 0.44 | 0.5 | 0.61 | 0.6 | 0.58 | 0.43 | 0 | -0.24 | -0.34 | -0.03 | 0.16 | 0.64 | 0.58 | 0.34 |
| | | 0.002 | 0 | 0.86 | 0.22 | 0.89 | 0.69 | 0.96 | 0.2 | 0.14 | 0.08 | 0.08 | 0.03 | 0.24 | n.a. | 0.7 | 0.58 | 0.96 | 0.79 | 0.25 | 0.42 | 0.58 |
| Col1a1 RNAf | 6.94 | 0.95 | 0.72 | -0.42 | -0.34 | -0.38 | 0.5 | 0.12 | 0.16 | 0.13 | 0.83 | 0.84 | 0.58 | 0.44 | 0 | 0.16 | -0.38 | -0.57 | 0.23 | 0.17 | 0.93 | -0.3 |
| | | 0.0003 | 0 | 0.22 | 0.33 | 0.27 | 0.15 | 0.74 | 0.66 | 0.72 | 0.01 | 0.004 | 0.03 | 0.23 | n.a. | 0.8 | 0.53 | 0.31 | 0.71 | 0.78 | 0.07 | 0.63 |
| Slc10a1 RNAa | 6.93 | -0.9 | -0.57 | -0.25 | -0.47 | -0.26 | -0.42 | -0.34 | -0.4 | -0.45 | -0.57 | -0.56 | -0.27 | 0.1 | 0 | -0.18 | -0.18 | -0.2 | -0.56 | -0.48 | -0.82 | 0.85 |
| | | 0.002 | 0.0002 | 0.48 | 0.17 | 0.47 | 0.22 | 0.33 | 0.26 | 0.19 | 0.11 | 0.12 | 0.35 | 0.79 | n.a. | 0.77 | 0.77 | 0.75 | 0.32 | 0.41 | 0.18 | 0.07 |
| Prom1 RNAf | 6.92 | 0.95 | 0.74 | 0.07 | -0.15 | -0.38 | -0.07 | -0.46 | 0.21 | 0.12 | 0.9 | 0.92 | 0.7 | 0.63 | 0 | -0.31 | -0.22 | -0.55 | -0.61 | 0.59 | 0.96 | -0.45 |
| | | 0.0003 | 0 | 0.86 | 0.68 | 0.28 | 0.86 | 0.18 | 0.57 | 0.75 | 0.001 | 0.0004 | 0.005 | 0.07 | n.a. | 0.62 | 0.73 | 0.34 | 0.28 | 0.29 | 0.04 | 0.45 |
| Bax RNAf | 6.9 | 0.94 | 0.62 | 0.35 | 0.29 | -0.5 | 0.37 | -0.07 | 0.26 | 0.49 | 0.73 | 0.7 | 0.39 | 0.2 | 0 | 0.43 | -0.33 | -0.71 | 0.42 | 0.54 | 0.73 | -0.75 |
| | | 0.001 | 0 | 0.33 | 0.41 | 0.14 | 0.3 | 0.84 | 0.46 | 0.15 | 0.02 | 0.03 | 0.17 | 0.6 | n.a. | 0.47 | 0.59 | 0.18 | 0.49 | 0.34 | 0.27 | 0.14 |
| Ugt1a1 RNAa | 6.75 | -0.81 | -0.41 | -0.46 | -0.51 | -0.22 | 0.06 | -0.51 | -0.68 | -0.77 | -0.49 | -0.53 | -0.15 | 0.3 | 0 | 0.42 | -0.34 | -0.57 | -0.67 | -0.84 | -0.41 | 0.91 |
| | | 0.02 | 0.01 | 0.18 | 0.13 | 0.55 | 0.87 | 0.13 | 0.03 | 0.01 | 0.18 | 0.14 | 0.61 | 0.43 | n.a. | 0.49 | 0.58 | 0.31 | 0.22 | 0.08 | 0.59 | 0.03 |

4.11 SMA cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 80h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d | |
|--------------|------|--------|-------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| CTGF cells | 11.9 | 0.98 | 0.93 | 0.93 | 0.83 | 0.61 | 0.89 | 0.62 | 0.68 | 0.33 | 0.78 | 0.73 | 0.84 | 0.82 | -1 | -0.33 | 0.84 | -0.94 | 0.94 | -0.08 | 0.91 | -0.45 | |
| | | 0 | 0 | 0 | 0.01 | 0.04 | 0.2 | 0.02 | 0.19 | 0.14 | 0.53 | 0.07 | 0.1 | 0.01 | 0.04 | 0 | 0.79 | 0.37 | 0.23 | 0.21 | 0.95 | 0.27 | 0.7 |
| Cyp1a2 RNAa | 9.76 | -0.82 | -0.78 | -0.79 | -0.89 | -0.57 | -0.57 | -0.25 | -0.78 | -0.12 | -0.33 | -0.89 | -0.78 | -0.6 | -0.63 | 0.56 | 0.68 | 0.72 | 0.52 | -0.87 | -0.98 | -0.62 | |
| | | 0.01 | 0 | 0.06 | 0.02 | 0.24 | 0.24 | 0.63 | 0.07 | 0.83 | 0.52 | 0.02 | 0.01 | 0.21 | 0.56 | 0.62 | 0.53 | 0.49 | 0.65 | 0.33 | 0.11 | 0.58 | |
| S100A4 cells | 8.89 | 0.92 | 0.85 | 0.64 | 0.96 | 0.86 | 0.55 | 0.31 | 0.92 | 0.43 | 0.32 | 0.11 | 0.25 | -0.04 | -0.97 | 0.76 | -0.58 | 0.96 | -0.46 | 0.96 | -0.99 | -0.22 | |
| | | 0.001 | 0 | 0.17 | 0.003 | 0.03 | 0.26 | 0.55 | 0.01 | 0.39 | 0.54 | 0.84 | 0.52 | 0.94 | 0.15 | 0.45 | 0.61 | 0.18 | 0.7 | 0.17 | 0.09 | 0.86 | |
| Pparg RNAf | 8.66 | 0.89 | 0.79 | 0.91 | 0.69 | -0.18 | 0.99 | 0.87 | 0.47 | 0.4 | 0.14 | -0.22 | 0.41 | 0.42 | -0.27 | 0.09 | -0.53 | 0.24 | 1 | -0.22 | -0.22 | -0.7 | |
| | | 0.003 | 0 | 0.01 | 0.13 | 0.74 | 0.0002 | 0.02 | 0.35 | 0.44 | 0.8 | 0.67 | 0.27 | 0.41 | 0.83 | 0.95 | 0.64 | 0.85 | 0.04 | 0.86 | 0.86 | 0.51 | |
| Cxcl5 RNAz | 8.38 | 0.88 | 0.84 | 0.69 | 0.13 | -0.45 | 0.72 | 0.53 | 0.55 | 0.3 | 0.5 | 0.37 | 0.69 | 0.47 | 0.65 | 0.22 | 0.93 | -0.91 | 0.44 | 0.16 | -0.15 | 0.15 | |
| | | 0.004 | 0 | 0.13 | 0.81 | 0.37 | 0.11 | 0.28 | 0.26 | 0.56 | 0.32 | 0.47 | 0.04 | 0.35 | 0.55 | 0.86 | 0.23 | 0.27 | 0.71 | 0.9 | 0.91 | 0.9 | |
| Gsta2 RNAa | 8.25 | 0.95 | 0.82 | -0.71 | -0.07 | 0.71 | 0.84 | 0.75 | 0.71 | 0.29 | 0.42 | -0.38 | 0.49 | 0.5 | -0.89 | 0.13 | 0.28 | 1 | 0.71 | -0.23 | -0.49 | 0.54 | |
| | | 0.0003 | 0 | 0.11 | 0.9 | 0.12 | 0.04 | 0.09 | 0.11 | 0.57 | 0.4 | 0.46 | 0.18 | 0.31 | 0.31 | 0.92 | 0.82 | 0.06 | 0.5 | 0.85 | 0.68 | 0.64 | |
| Cyp2c29 RNAa | 8.17 | -0.91 | -0.76 | -0.8 | -0.72 | -0.15 | -0.62 | -0.23 | -0.11 | -0.23 | -0.4 | -0.65 | -0.71 | -0.21 | -0.01 | -0.42 | 0.98 | 0.92 | -0.12 | -0.92 | 0.02 | 1 | |
| | | 0.002 | 0 | 0.05 | 0.11 | 0.78 | 0.19 | 0.66 | 0.84 | 0.67 | 0.43 | 0.16 | 0.03 | 0.69 | 0.99 | 0.72 | 0.13 | 0.26 | 0.93 | 0.26 | 0.99 | 0.03 | |
| Pde4a RNAf | 8.09 | 0.87 | 0.59 | 0.6 | 0.31 | -0.25 | 0.59 | 0.61 | 0.65 | 0.59 | 0.77 | 0.77 | 0.28 | -0.25 | 0.55 | -0.54 | 0.99 | -0.68 | 0.55 | 0.7 | 0.74 | -0.93 | |
| | | 0.01 | 0.002 | 0.21 | 0.54 | 0.63 | 0.22 | 0.19 | 0.16 | 0.22 | 0.08 | 0.07 | 0.46 | 0.63 | 0.63 | 0.64 | 0.09 | 0.53 | 0.63 | 0.51 | 0.47 | 0.25 | |
| Cd14 RNAz | 8.05 | 0.98 | 0.77 | 0.94 | 0.28 | -0.16 | 0.41 | -0.34 | 0.31 | 0.49 | 0.67 | 0.79 | 0.55 | 0.12 | -0.56 | 0.52 | 1 | -0.89 | -0.1 | 0.77 | 0.98 | -0.93 | |
| | | 0 | 0 | 0.01 | 0.59 | 0.76 | 0.42 | 0.51 | 0.55 | 0.33 | 0.14 | 0.06 | 0.12 | 0.82 | 0.62 | 0.65 | 0.04 | 0.3 | 0.94 | 0.44 | 0.12 | 0.24 | |
| Prom1 RNAf | 7.9 | 0.91 | 0.63 | 0.34 | -0.3 | -0.5 | 0.7 | 0.6 | 0.87 | 0.66 | 0.65 | 0.64 | 0.31 | 0.05 | -1 | 0.13 | 0.93 | -0.98 | 0.47 | 0.94 | 0.64 | -0.75 | |
| | | 0.002 | 0.001 | 0.51 | 0.56 | 0.31 | 0.12 | 0.21 | 0.03 | 0.15 | 0.17 | 0.17 | 0.41 | 0.92 | 0.05 | 0.92 | 0.24 | 0.14 | 0.69 | 0.22 | 0.56 | 0.46 | |
| Cyp2c37 RNAa | 7.85 | -0.92 | -0.77 | -0.96 | -0.92 | 0.17 | 0.24 | 0.14 | -0.59 | 0.21 | -0.58 | -0.68 | -0.57 | -0.17 | -0.81 | -0.44 | 0.43 | -0.5 | 0.45 | 0.002 | -1 | 0.64 | |
| | | 0.001 | 0 | 0.002 | 0.01 | 0.75 | 0.65 | 0.79 | 0.21 | 0.69 | 0.23 | 0.14 | 0.11 | 0.75 | 0.4 | 0.71 | 0.72 | 0.67 | 0.71 | 1 | 0.06 | 0.56 | |
| Infarct area | 7.76 | 0.96 | 0.73 | 0.6 | 0.74 | 0.21 | -0.45 | -0.52 | 0.44 | -0.27 | 0.57 | 0.67 | 0.59 | 0.56 | 0 | -0.94 | -0.82 | 0.36 | -0.99 | 0.08 | 0.84 | 0.83 | |
| | | 0.0001 | 0 | 0.21 | 0.09 | 0.69 | 0.37 | 0.29 | 0.39 | 0.6 | 0.24 | 0.14 | 0.09 | 0.25 | n.a. | 0.21 | 0.38 | 0.77 | 0.07 | 0.95 | 0.37 | 0.37 | |
| Il1b RNAz | 7.74 | 0.89 | 0.77 | 0.8 | 0.43 | -0.27 | 0.59 | 0.54 | 0.17 | 0.55 | 0.53 | 0.35 | 0.47 | -0.22 | 0.69 | 0.38 | 1 | -0.77 | 0.72 | 0.6 | -0.99 | -0.81 | |
| | | 0.003 | 0 | 0.06 | 0.39 | 0.6 | 0.22 | 0.27 | 0.74 | 0.26 | 0.28 | 0.49 | 0.21 | 0.68 | 0.51 | 0.76 | 0.05 | 0.44 | 0.49 | 0.59 | 0.11 | 0.4 | |
| Wisp1 RNAf | 7.73 | 0.81 | 0.63 | -0.69 | -0.91 | -0.47 | 0.71 | 0.64 | 0.82 | 0.63 | 0.76 | 0.79 | 0.48 | 0.02 | -0.41 | -0.16 | 0.75 | -1 | 0.56 | 0.9 | 0.78 | -0.99 | |
| | | 0.01 | 0.001 | 0.13 | 0.01 | 0.35 | 0.11 | 0.17 | 0.04 | 0.18 | 0.08 | 0.06 | 0.2 | 0.97 | 0.73 | 0.9 | 0.46 | 0.01 | 0.62 | 0.28 | 0.43 | 0.09 | |
| Gstm1 RNAa | 7.7 | 0.86 | 0.77 | -0.04 | 0.81 | 0.97 | 0.7 | 0.57 | 0.68 | 0.03 | 0.13 | -0.55 | -0.25 | 0.53 | -1 | 0.27 | 0.85 | 1 | -0.27 | -0.79 | 0.04 | 0.29 | |
| | | 0.01 | 0 | 0.95 | 0.05 | 0.001 | 0.12 | 0.24 | 0.14 | 0.95 | 0.81 | 0.26 | 0.52 | 0.28 | 0.04 | 0.83 | 0.35 | 0.04 | 0.82 | 0.42 | 0.98 | 0.81 | |
| Timp1 RNAf | 7.54 | 0.97 | 0.71 | 0.73 | 0.96 | 0.18 | 0.22 | 0.07 | 0.57 | -0.17 | 0.61 | 0.61 | 0.22 | -0.06 | 0.7 | -0.02 | 0.82 | 0.9 | -0.63 | -0.1 | 0.76 | -0.99 | |
| | | 0 | 0 | 0.1 | 0.003 | 0.73 | 0.67 | 0.9 | 0.24 | 0.74 | 0.2 | 0.2 | 0.56 | 0.92 | 0.51 | 0.99 | 0.39 | 0.29 | 0.57 | 0.93 | 0.45 | 0.07 | |
| Ppara RNAa | 7.51 | -0.7 | -0.57 | -0.73 | -0.63 | -0.23 | -0.49 | 0.1 | -0.75 | -0.61 | -0.78 | -0.55 | 0.02 | -0.2 | -0.97 | -0.92 | -0.68 | 0.8 | -0.88 | -0.93 | -0.95 | 0.83 | |
| | | 0.05 | 0.003 | 0.1 | 0.18 | 0.66 | 0.32 | 0.86 | 0.09 | 0.2 | 0.07 | 0.26 | 0.97 | 0.71 | 0.14 | 0.25 | 0.53 | 0.41 | 0.31 | 0.24 | 0.19 | 0.37 | |
| Pdgfb RNAf | 7.5 | 0.94 | 0.78 | 0.44 | -0.51 | -0.67 | 0.48 | 0.28 | 0.75 | 0.24 | 0.66 | 0.67 | 0.45 | 0.06 | -0.84 | -0.36 | 0.96 | -0.94 | -0.14 | 0.83 | 0.68 | -0.76 | |
| | | 0.0004 | 0 | 0.38 | 0.3 | 0.14 | 0.33 | 0.59 | 0.09 | 0.64 | 0.15 | 0.14 | 0.22 | 0.91 | 0.36 | 0.77 | 0.19 | 0.23 | 0.91 | 0.37 | 0.53 | 0.45 | |

4.12 CTGF cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d | |
|--------------|------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| SMA cells | 11.9 | 0.98 | 0.93 | 0.93 | 0.83 | 0.61 | 0.89 | 0.62 | 0.68 | 0.33 | 0.78 | 0.73 | 0.84 | 0.82 | -1 | -0.33 | 0.84 | -0.94 | 0.94 | -0.08 | 0.91 | -0.45 | |
| Cd14 RNAz | | 0 | 0 | 0 | 0.01 | 0.04 | 0.2 | 0.02 | 0.19 | 0.14 | 0.53 | 0.07 | 0.1 | 0.01 | 0.04 | 0 | 0.79 | 0.37 | 0.23 | 0.21 | 0.95 | 0.27 | 0.7 |
| | 9.87 | 0.98 | 0.83 | 0.95 | 0.73 | 0.63 | 0.51 | 0.24 | 0.25 | 0.37 | 0.92 | 0.61 | 0.57 | 0.46 | 0.56 | 0.63 | 0.8 | 0.99 | -0.42 | 0.58 | 0.97 | 0.08 | |
| Ccr2 RNAz | | 0 | 0 | 0.004 | 0.1 | 0.18 | 0.3 | 0.64 | 0.63 | 0.47 | 0.01 | 0.19 | 0.11 | 0.36 | 0.62 | 0.56 | 0.41 | 0.07 | 0.73 | 0.61 | 0.15 | 0.95 | |
| | 9.64 | 0.95 | 0.89 | 0.84 | 0.7 | 0.23 | 0.44 | -0.34 | 0.86 | 0.62 | 0.78 | 0.47 | 0.71 | 0.3 | -0.27 | 1 | 0.78 | 0.97 | -0.96 | 0.86 | -0.65 | -0.21 | |
| Cxcl5 RNAz | | 0.0004 | 0 | 0.04 | 0.12 | 0.66 | 0.38 | 0.51 | 0.03 | 0.19 | 0.07 | 0.34 | 0.03 | 0.56 | 0.83 | 0.02 | 0.43 | 0.14 | 0.18 | 0.34 | 0.55 | 0.86 | |
| | 9.62 | 0.91 | 0.89 | 0.83 | 0.58 | 0.14 | 0.77 | 0.25 | 0.86 | 0.23 | 0.72 | 0.44 | 0.76 | 0.43 | -0.65 | 0.85 | 0.98 | 1 | 0.12 | 0.97 | -0.54 | -0.95 | |
| Ccl2 RNAz | | 0.002 | 0 | 0.04 | 0.23 | 0.8 | 0.07 | 0.63 | 0.03 | 0.66 | 0.1 | 0.39 | 0.02 | 0.39 | 0.55 | 0.35 | 0.13 | 0.04 | 0.92 | 0.15 | 0.64 | 0.2 | |
| | 9.49 | 0.96 | 0.92 | 0.84 | 0.77 | 0.43 | 0.11 | -0.45 | 0.58 | 0.19 | 0.78 | 0.59 | 0.82 | 0.62 | -0.52 | 0.53 | 0.68 | 0.99 | -0.99 | 0.77 | -0.37 | 0.22 | |
| Cd86 RNAz | | 0.0002 | 0 | 0.03 | 0.08 | 0.39 | 0.83 | 0.37 | 0.23 | 0.72 | 0.07 | 0.22 | 0.01 | 0.19 | 0.65 | 0.64 | 0.52 | 0.11 | 0.09 | 0.44 | 0.76 | 0.86 | |
| | 9.46 | 0.93 | 0.85 | 0.47 | 0.38 | 0.3 | 0.85 | 0.51 | 0.91 | 0.7 | 0.75 | 0.41 | 0.6 | -0.12 | -0.75 | 0.99 | 0.77 | 1 | 0.79 | 0.75 | -0.85 | -0.11 | |
| Timp1 RNAf | | 0.001 | 0 | 0.34 | 0.46 | 0.57 | 0.03 | 0.3 | 0.01 | 0.12 | 0.08 | 0.42 | 0.09 | 0.81 | 0.46 | 0.11 | 0.44 | 0.03 | 0.42 | 0.46 | 0.35 | 0.93 | |
| | 9.39 | 0.98 | 0.81 | 0.71 | 0.78 | -0.14 | 0.45 | -0.48 | 0.9 | 0.52 | 0.87 | 0.96 | 0.44 | 0.18 | -0.7 | 0.95 | 0.38 | -1 | -0.85 | 1 | 0.96 | 0.55 | |
| Bili blood | | 0 | 0 | 0.12 | 0.07 | 0.79 | 0.37 | 0.33 | 0.01 | 0.29 | 0.03 | 0.003 | 0.23 | 0.73 | 0.51 | 0.2 | 0.75 | 0.06 | 0.36 | 0.02 | 0.18 | 0.63 | |
| | 9.28 | 0.96 | 0.91 | 0.53 | 0.83 | 0.67 | 0.19 | -0.46 | 0.72 | 0.61 | 0.7 | 0.3 | 0.7 | 0.31 | -0.24 | 0.28 | -0.94 | 0.75 | -1 | -0.11 | -0.65 | -0.93 | |
| Il10rb RNAz | | 0.0001 | 0 | 0.28 | 0.04 | 0.15 | 0.72 | 0.36 | 0.11 | 0.2 | 0.12 | 0.57 | 0.04 | 0.55 | 0.85 | 0.82 | 0.21 | 0.46 | 0.05 | 0.93 | 0.55 | 0.25 | |
| | 9.11 | 0.95 | 0.89 | 0.87 | 0.79 | -0.01 | 0.33 | -0.28 | 0.95 | 0.47 | 0.83 | 0.54 | 0.66 | 0.005 | 0.45 | 0.83 | 0.67 | 0.98 | -0.87 | 0.51 | -0.69 | -0.62 | |
| Pdgfb RNAf | | 0.0004 | 0 | 0.02 | 0.06 | 0.99 | 0.53 | 0.59 | 0.004 | 0.35 | 0.04 | 0.27 | 0.06 | 0.99 | 0.71 | 0.38 | 0.54 | 0.12 | 0.33 | 0.66 | 0.52 | 0.57 | |
| | 9.11 | 0.96 | 0.85 | 0.67 | -0.01 | -0.07 | 0.62 | -0.04 | 0.97 | 0.51 | 0.9 | 0.95 | 0.59 | 0.25 | 0.84 | 1 | 0.96 | 1 | -0.46 | 0.49 | 0.92 | 0.92 | |
| S100A4 cells | | 0.0001 | 0 | 0.15 | 0.99 | 0.9 | 0.19 | 0.93 | 0.001 | 0.3 | 0.01 | 0.004 | 0.09 | 0.63 | 0.36 | 0.02 | 0.18 | 0.003 | 0.7 | 0.68 | 0.26 | 0.25 | |
| | 9.07 | 0.92 | 0.87 | 0.5 | 0.84 | 0.69 | 0.75 | -0.44 | 0.87 | 0.8 | 0.74 | -0.51 | 0.05 | 0.25 | 0.97 | -0.87 | -0.04 | -1 | -0.72 | -0.34 | -0.96 | 0.97 | |
| Tgfb2 RNAf | | 0.001 | 0 | 0.31 | 0.04 | 0.13 | 0.09 | 0.39 | 0.02 | 0.05 | 0.09 | 0.3 | 0.89 | 0.64 | 0.15 | 0.33 | 0.98 | 0.05 | 0.49 | 0.78 | 0.18 | 0.15 | |
| | 9.04 | 0.92 | 0.91 | 0.47 | -0.58 | -0.59 | 0.28 | -0.25 | 0.95 | -0.11 | 0.9 | 0.93 | 0.95 | 0.91 | 0.94 | 0.9 | 1 | 1 | -0.52 | 0.98 | 0.88 | 0.98 | |
| Tgfb2 RNAf | | 0.001 | 0 | 0.34 | 0.22 | 0.22 | 0.59 | 0.63 | 0.003 | 0.84 | 0.02 | 0.01 | 0.0001 | 0.01 | 0.22 | 0.29 | 0.05 | 0.06 | 0.65 | 0.14 | 0.31 | 0.14 | |
| | 8.93 | 0.96 | 0.9 | 0.55 | -0.4 | -0.61 | 0.1 | -0.4 | 0.99 | 0.18 | 0.81 | 0.98 | 0.87 | 0.73 | 0.96 | -0.62 | 0.25 | 0.95 | -0.79 | 0.94 | 0.98 | 0.36 | |
| Il1b RNAz | | 0.0002 | 0 | 0.26 | 0.43 | 0.2 | 0.85 | 0.43 | 0.0002 | 0.73 | 0.05 | 0.0004 | 0.002 | 0.1 | 0.18 | 0.58 | 0.84 | 0.19 | 0.42 | 0.22 | 0.14 | 0.77 | |
| | 8.91 | 0.92 | 0.85 | 0.86 | 0.81 | 0.21 | 0.5 | 0.55 | 0.28 | -0.18 | 0.8 | 0.53 | 0.67 | 0.18 | -0.69 | 0.75 | 0.88 | 0.95 | 0.45 | 0.75 | -0.97 | -0.17 | |
| Cyp2c37 RNAa | | 0.001 | 0 | 0.03 | 0.05 | 0.69 | 0.31 | 0.25 | 0.6 | 0.74 | 0.06 | 0.28 | 0.05 | 0.74 | 0.51 | 0.46 | 0.32 | 0.21 | 0.7 | 0.46 | 0.16 | 0.89 | |
| | 8.76 | -0.9 | -0.83 | -0.9 | -0.92 | 0.66 | 0.17 | 0.66 | -0.65 | -0.14 | -0.87 | -0.81 | -0.69 | -0.33 | 0.81 | 0.99 | -0.13 | 0.77 | 0.71 | 1 | -0.87 | -0.97 | |
| Actb RNAz | | 0.003 | 0 | 0.01 | 0.01 | 0.16 | 0.75 | 0.16 | 0.16 | 0.79 | 0.02 | 0.05 | 0.04 | 0.52 | 0.4 | 0.08 | 0.92 | 0.44 | 0.49 | 0.05 | 0.33 | 0.15 | |
| | 8.74 | 0.88 | 0.69 | 0.49 | 0.96 | 0.74 | 0.25 | -0.48 | 0.82 | 0.66 | 0.78 | 0.84 | 0.07 | -0.07 | -0.59 | 0.99 | -1 | 0.99 | -1 | 0.97 | 0.84 | 0.33 | |
| Ifnar1 RNAz | | 0.004 | 0.0002 | 0.32 | 0.002 | 0.09 | 0.63 | 0.34 | 0.05 | 0.15 | 0.07 | 0.04 | 0.85 | 0.89 | 0.6 | 0.1 | 0.005 | 0.09 | 0.04 | 0.15 | 0.37 | 0.79 | |
| | 8.7 | 0.94 | 0.87 | 0.61 | 0.87 | 0.73 | 0.14 | -0.38 | 0.16 | 0.34 | 0.9 | 0.74 | 0.58 | -0.32 | -0.21 | 0.99 | 0.57 | 0.97 | -0.97 | 0.61 | 0.63 | -0.73 | |
| Pparg RNAf | | 0.0004 | 0 | 0.2 | 0.02 | 0.1 | 0.78 | 0.46 | 0.76 | 0.52 | 0.01 | 0.09 | 0.1 | 0.53 | 0.87 | 0.11 | 0.61 | 0.14 | 0.15 | 0.58 | 0.57 | 0.48 | |
| | 8.66 | 0.88 | 0.76 | 0.86 | 0.66 | -0.54 | 0.89 | 0.47 | 0.8 | -0.12 | -0.24 | 0.19 | 0.73 | 0.78 | 0.27 | 0.91 | -0.91 | -0.56 | 0.96 | 0.99 | 0.2 | 0.95 | |
| | | 0.004 | 0 | 0.03 | 0.15 | 0.27 | 0.02 | 0.34 | 0.06 | 0.81 | 0.65 | 0.73 | 0.03 | 0.07 | 0.83 | 0.27 | 0.28 | 0.62 | 0.18 | 0.09 | 0.87 | 0.2 | |

4.13 S100A4 cells

| Factor | Cons | Av | All | Init | 6-18h | 12-18h | 12-30h | 18-30h | Perp | 30h-2d | 30h-5d | 2-5d | 2-14d | Progr | T0h | T6h | T12h | T18h | T30h | T2d | T5d | T14d |
|---------------|------|-------|-------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gstm1 RNAa | 9.38 | 0.93 | 0.89 | 0.3 | 0.77 | 0.8 | 0.94 | 0.89 | 0.87 | 0.75 | 0.29 | -0.01 | -0.08 | 0.11 | 0.98 | 0.83 | -0.06 | 0.94 | 0.98 | -0.6 | -0.18 | -1 |
| | | 0.001 | 0 | 0.56 | 0.07 | 0.06 | 0.005 | 0.02 | 0.02 | 0.08 | 0.58 | 0.98 | 0.84 | 0.84 | 0.11 | 0.37 | 0.96 | 0.22 | 0.13 | 0.59 | 0.89 | 0.05 |
| BrdU BE cells | 9.3 | 0.82 | 0.86 | 0.82 | 0.35 | -0.26 | 0.37 | 0.77 | 0.99 | 0.98 | 0.91 | 0.12 | 0.27 | 0.36 | -0.49 | 1 | 0.88 | 0.11 | 0.54 | 1 | 0.25 | 0.75 |
| | | 0.01 | 0 | 0.05 | 0.49 | 0.62 | 0.47 | 0.77 | 0.001 | 0.003 | 0.01 | 0.85 | 0.51 | 0.49 | 0.67 | 0 | 0.31 | 0.93 | 0.64 | 0 | 0.84 | 0.46 |
| CTGF cells | 9.07 | 0.92 | 0.87 | 0.5 | 0.84 | 0.69 | 0.75 | -0.44 | 0.87 | 0.8 | 0.74 | -0.51 | 0.05 | 0.25 | 0.97 | -0.87 | -0.04 | -1 | -0.72 | -0.34 | -0.96 | 0.97 |
| | | 0.001 | 0 | 0.31 | 0.04 | 0.13 | 0.09 | 0.39 | 0.02 | 0.05 | 0.09 | 0.3 | 0.89 | 0.64 | 0.15 | 0.33 | 0.98 | 0.05 | 0.49 | 0.78 | 0.18 | 0.15 |
| Bili blood | 9.03 | 0.86 | 0.83 | 0.2 | 0.54 | 0.28 | 0.69 | 0.04 | 0.83 | 0.9 | 0.96 | 0.2 | 0.29 | 0.73 | -0.47 | -0.72 | -0.29 | -0.69 | 0.66 | 0.97 | 0.84 | -0.81 |
| | | 0.01 | 0 | 0.71 | 0.27 | 0.59 | 0.13 | 0.93 | 0.04 | 0.01 | 0.003 | 0.71 | 0.45 | 0.1 | 0.69 | 0.48 | 0.81 | 0.51 | 0.54 | 0.15 | 0.37 | 0.4 |
| SMA cells | 8.89 | 0.92 | 0.85 | 0.64 | 0.96 | 0.86 | 0.55 | 0.31 | 0.92 | 0.43 | 0.32 | 0.11 | 0.25 | -0.04 | -0.97 | 0.76 | -0.58 | 0.96 | -0.46 | 0.96 | -0.99 | -0.22 |
| | | 0.001 | 0 | 0.17 | 0.003 | 0.03 | 0.26 | 0.55 | 0.01 | 0.39 | 0.54 | 0.84 | 0.52 | 0.94 | 0.15 | 0.45 | 0.61 | 0.18 | 0.7 | 0.17 | 0.09 | 0.86 |
| Cyp2c29 RNAa | 8.25 | -0.83 | -0.69 | -0.87 | -0.83 | -0.51 | -0.94 | -0.58 | 0.12 | 0.29 | -0.7 | -0.14 | -0.25 | -0.39 | -0.23 | -0.91 | -0.73 | 0.77 | -0.83 | -0.78 | -0.16 | -0.17 |
| Gsta2 RNAa | 8.23 | 0.92 | 0.8 | -0.17 | -0.1 | 0.5 | 0.76 | 0.63 | 0.9 | 0.77 | 0.78 | 0.17 | 0.09 | 0.17 | 0.75 | 0.75 | 0.63 | 0.93 | -0.95 | 0.03 | 0.36 | -0.94 |
| | | 0.001 | 0 | 0.75 | 0.85 | 0.32 | 0.08 | 0.18 | 0.01 | 0.07 | 0.07 | 0.74 | 0.83 | 0.75 | 0.46 | 0.46 | 0.57 | 0.24 | 0.2 | 0.98 | 0.77 | 0.22 |
| Cyp2c37 RNAa | 8.13 | -0.88 | -0.76 | -0.71 | -0.96 | 0.16 | -0.43 | -0.77 | -0.78 | -0.46 | -0.76 | 0.32 | 0.09 | 0.34 | 0.65 | -0.92 | -0.99 | -0.72 | -1 | -0.26 | 0.97 | -0.89 |
| | | 0.004 | 0 | 0.12 | 0.003 | 0.76 | 0.4 | 0.07 | 0.07 | 0.36 | 0.08 | 0.53 | 0.82 | 0.51 | 0.55 | 0.26 | 0.11 | 0.49 | 0.01 | 0.83 | 0.15 | 0.3 |
| Cyp1a2 RNAa | 8.09 | -0.8 | -0.77 | -0.52 | -0.9 | -0.65 | -0.91 | -0.91 | -0.59 | 0.14 | -0.21 | -0.08 | -0.18 | 0.67 | 0.43 | -0.12 | 0.21 | 0.49 | -1 | -0.71 | 1 | -0.63 |
| | | 0.02 | 0 | 0.29 | 0.01 | 0.16 | 0.01 | 0.01 | 0.22 | 0.79 | 0.69 | 0.87 | 0.64 | 0.14 | 0.72 | 0.92 | 0.87 | 0.67 | 0.05 | 0.5 | 0.02 | 0.56 |
| Tnfrsf1a RNAz | 7.9 | 0.83 | 0.78 | -0.81 | -0.38 | 0.05 | 0.79 | -0.21 | 0.53 | 0.79 | 0.94 | 0.61 | 0.55 | 0.42 | -0.17 | -0.42 | -0.94 | -1 | 0.72 | 0.98 | 0.98 | -0.73 |
| | | 0.01 | 0 | 0.05 | 0.46 | 0.93 | 0.06 | 0.69 | 0.28 | 0.06 | 0.01 | 0.2 | 0.12 | 0.41 | 0.89 | 0.72 | 0.22 | 0.04 | 0.48 | 0.14 | 0.12 | 0.48 |
| Bax RNAf | 7.79 | 0.88 | 0.72 | 0.19 | 0.65 | -0.48 | 0.6 | 0.61 | 0.89 | 0.77 | 0.62 | 0.18 | 0.07 | -0.41 | -0.72 | -1 | -0.97 | -0.96 | 0.8 | 0.99 | -0.28 | 0.58 |
| | | 0.004 | 0 | 0.71 | 0.16 | 0.34 | 0.21 | 0.2 | 0.02 | 0.07 | 0.19 | 0.74 | 0.85 | 0.42 | 0.49 | 0.03 | 0.16 | 0.17 | 0.41 | 0.07 | 0.82 | 0.61 |
| Tgfb1 RNAz | 7.72 | 0.79 | 0.8 | -0.36 | -0.34 | -0.48 | 0.77 | 0.8 | 0.92 | 0.81 | 0.94 | -0.11 | 0.05 | 0.24 | 0.44 | -0.96 | -0.62 | -1 | 0.89 | 0.87 | 0.37 | -0.43 |
| | | 0.02 | 0 | 0.48 | 0.51 | 0.34 | 0.07 | 0.05 | 0.01 | 0.05 | 0.01 | 0.84 | 0.9 | 0.65 | 0.71 | 0.19 | 0.57 | 0.05 | 0.3 | 0.33 | 0.76 | 0.71 |
| BrdU NP cells | 7.62 | 0.91 | 0.79 | -0.54 | -0.96 | -0.39 | 0.69 | 0.46 | 0.94 | 0.87 | 0.87 | 0.16 | 0.16 | 0.08 | 0.97 | -0.71 | 1 | -0.92 | -0.93 | 0.6 | -0.38 | 0.42 |
| | | 0.002 | 0 | 0.27 | 0.002 | 0.44 | 0.13 | 0.36 | 0.01 | 0.02 | 0.02 | 0.76 | 0.68 | 0.88 | 0.14 | 0.5 | 0.03 | 0.26 | 0.23 | 0.59 | 0.75 | 0.72 |
| Il10rb RNAz | 7.55 | 0.78 | 0.79 | 0.11 | 0.35 | -0.69 | 0.61 | 0.67 | 0.86 | 0.7 | 0.96 | -0.12 | 0.02 | 0.14 | 0.65 | -1 | -0.77 | -0.99 | 0.97 | 0.64 | 0.46 | -0.79 |
| | | 0.02 | 0 | 0.84 | 0.5 | 0.13 | 0.2 | 0.14 | 0.03 | 0.12 | 0.003 | 0.82 | 0.97 | 0.79 | 0.55 | 0.05 | 0.44 | 0.07 | 0.15 | 0.56 | 0.7 | 0.42 |
| Timp1 RNAf | 7.41 | 0.87 | 0.72 | 0.005 | 0.89 | -0.29 | 0.84 | 0.94 | 0.68 | 0.38 | 0.5 | -0.52 | -0.38 | -0.56 | -0.51 | -0.67 | -0.94 | 0.99 | 0.98 | -0.36 | -0.84 | 0.33 |
| | | 0.01 | 0 | 0.99 | 0.02 | 0.57 | 0.03 | 0.01 | 0.13 | 0.46 | 0.31 | 0.29 | 0.32 | 0.24 | 0.66 | 0.53 | 0.22 | 0.11 | 0.13 | 0.76 | 0.36 | 0.79 |
| Col1a1 RNAf | 7.38 | 0.83 | 0.74 | -0.01 | -0.7 | -0.12 | 0.9 | 0.92 | 0.95 | 0.87 | 0.61 | -0.29 | -0.15 | -0.44 | 0.84 | 0.23 | 0.33 | 0.85 | 0.96 | 0.63 | -0.66 | 0.38 |
| | | 0.01 | 0 | 0.99 | 0.12 | 0.82 | 0.02 | 0.01 | 0.004 | 0.03 | 0.2 | 0.57 | 0.71 | 0.38 | 0.37 | 0.85 | 0.79 | 0.35 | 0.18 | 0.56 | 0.54 | 0.75 |
| Slc10a1 RNAa | 7.08 | -0.88 | -0.75 | 0.2 | -0.45 | -0.25 | -0.54 | 0.25 | -0.66 | -0.84 | -0.77 | -0.2 | -0.12 | 0.5 | 0.83 | 0.27 | 0.18 | 0.99 | -0.36 | -0.97 | 0.97 | -0.4 |
| | | 0.004 | 0 | 0.71 | 0.36 | 0.63 | 0.27 | 0.64 | 0.15 | 0.04 | 0.08 | 0.71 | 0.76 | 0.31 | 0.38 | 0.83 | 0.89 | 0.09 | 0.77 | 0.15 | 0.15 | 0.74 |
| Ccr2 RNAz | 6.99 | 0.77 | 0.75 | 0.14 | 0.29 | -0.51 | 0.77 | 0.68 | 0.51 | 0.29 | 0.94 | -0.27 | -0.02 | 0.34 | -0.03 | -0.85 | -0.66 | -0.95 | 0.89 | -0.78 | 0.41 | -0.44 |
| | | 0.03 | 0 | 0.79 | 0.57 | 0.3 | 0.07 | 0.14 | 0.3 | 0.58 | 0.01 | 0.6 | 0.95 | 0.51 | 0.98 | 0.36 | 0.55 | 0.19 | 0.3 | 0.44 | 0.73 | 0.71 |