**Supplementary Table S6** Processes that are significantly associated with gene expression data.

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| Tissue | Processes | P-value |
| Liver | Transcription initiation, DNA-dependent (34.0%), transcription initiation from RNA polymerase II promoter (30%), transcription elongation from RNA polymerase II promoter (26.0%), transcription from RNA polymerase II promoter (38%), transcription elongation, DNA-dependent (26.0%) | 1.26e-11 |
| Gluteus muscle | Phosphatidylinositol phosphorylation (8.0%), lipid phosphorylation (8.0%), positive regulation of TOR signaling cascade (6.0%), complement activation, classical pathway (8.0%), regulation of TOR signaling cascade (6.0%) | 9.85e-62 |
| Kidney | Regulation of cell proliferation (54.8%), positive regulation of cell proliferation (41.9%), positive regulation of biological process (67.7%), positive regulation of cellular process (64.5%), response to wounding (41.9%) | 1.42e-13 |