| animal | proteinsuria | matrixscore | mRNA TGF-ß | mRNA IL-6 | mRNA IL-17 |
|--------|-------------|-------------|-----------|----------|-----------|
| 1 con  | 31          | 29.0        | 1.197     | 1.444    | 1.332     |
| 2      | 37          | 30.5        | 1.240     | 1.753    | 0.685     |
| 3      | 33          | 28.5        | 1.288     | 0.620    | 1.489     |
| 4      | 34          | 27.0        | 0.516     | 0.635    | 0.734     |
| 5      | 20          | 26.0        | 1.187     | 1.357    | 0.889     |
| 6      | 18          | 30.5        | 0.916     | 0.989    | 1.236     |
| MW     | 29          | 29          | 1.06      | 1.13     | 1.06      |
| STABW  | 7,860       | 1,819       | 0.295     | 0.461    | 0.336     |
| SEM    | 3,209       | 0.742       | 0.121     | 0.188    | 0.137     |
| 7 24h  | 37          | 23.0        | 0.804     | 0.519    | 1.292     |
| 8      | 36          | 20.5        | 1.261     | 0.889    | 0.642     |
| 9      | 46          | 21.5        | 1.121     | 0.427    | 1.676     |
| 10     | 38          | 26.0        | 0.889     | 1.012    | 0.631     |
| 11     | 43          | 22.0        | 1.070     | 0.957    | 0.667     |
| 12     | 38          | 20.5        | 0.967     | 0.537    | 0.710     |
| MW     | 40          | 22          | 1.02      | 0.69     | 0.94      |
| STABW  | 3,933       | 2,068       | 0.166     | 0.244    | 0.442     |
| SEM    | 1,606       | 0.844       | 0.068     | 0.100    | 0.181     |
| TT vs con | 0.017       | 0.000       | 0.788     | 0.073    | 0.595     |
| TT vs d5 | 0.002       | 0.000       | 0.048     | 0.003    | 0.003     |
| 13 d5  | 60          | 85.5        | 2.313     | 14.929   | 5.837     |
| 14     | 121         | 80.0        | 4.302     | 58.892   | 2.091     |
| 15     | 99          | 89.5        | 1.098     | 48.840   | 7.219     |
| 16     | 115         | 70.5        | 1.288     | 21.407   | 5.712     |
| 17     | 145         | 80.5        | 2.037     | 31.810   | 8.840     |
| 18     | 136         | 85.5        | 2.454     | 40.227   | 9.331     |
| MW     | 113         | 82          | 2.24      | 36.02    | 6.50      |
| STABW  | 30,325      | 6,621       | 1.151     | 16,621   | 2,627     |
| SEM    | 12,380      | 2,703       | 0.470     | 6,786    | 1,072     |
| TT vs con | 0.001       | 0.000       | 0.788     | 0.073    | 0.595     |
| TT vs d5 | 0.002       | 0.000       | 0.048     | 0.003    | 0.003     |
| 19 d10 | 93          | 75.5        | 0.041     | 0.228    | 5.112     |
| 20     | 40          | 63.5        | 1.057     | 0.609    | 1.833     |
| 21     | 116         | 82.0        | 0.205     | 1.003    | 5.441     |
| 22     | 59          | 85.5        | 0.012     | 0.193    | 5.896     |
| 23     | 44          | 74.5        | 0.426     | 0.427    | 4.518     |
| 24     | 142         | 85.0        | 0.226     | 0.024    | 4.447     |
| MW     | 82          | 78          | 0.33      | 0.41     | 4.54      |
| STABW  | 41,680      | 8,359       | 0.387     | 0.352    | 1,437     |
| SEM    | 17,016      | 3,412       | 0.158     | 0.144    | 0.586     |
| TT vs con | 0.025       | 0.000       | 0.005     | 0.014    | 0.002     |
| TT vs d5 | 0.018       | 0.000       | 0.008     | 0.003    | 0.148     |
| 25 d15 | 113         | 64.5        | 0.260     | 0.322    | 1.858     |
| 26     | 58          | 59.0        | 0.325     | 0.781    | 3.326     |
| 27     | 34          | 51.0        | 0.088     | 1.214    | 3.926     |
| 28     | 50          | 53.0        | 0.087     | 1.235    | 2.876     |
| 29     | 37          | 49.5        | 0.153     | 0.630    | 7.433     |
| 30     | 86          | 69.0        | 0.198     | 0.050    | 4.095     |
| MW     | 63          | 58          | 0.19      | 0.71     | 3.92      |
| STABW  | 30,846      | 7,872       | 0.096     | 0.475    | 1,901     |
| SEM    | 12,593      | 3,214       | 0.039     | 0.194    | 0.776     |
| TT vs con | 0.040       | 0.000       | 0.000     | 0.145    | 0.014     |
| TT vs d5 | 0.019       | 0.000       | 0.007     | 0.003    | 0.082     |
| 19 d20 | 63          | 40.5        | 0.529     | 0.132    | 2.936     |
| 20     | 29          | 54.5        | 0.412     | 0.642    | 0.545     |
| 21     | 61          | 50.0        | 0.171     | 0.213    | 3.901     |
| 22     | 48          | 45.5        | 0.004     | 0.000    | 0.263     |
| 23     | 40          | 36.0        | 0.229     | 0.227    | 1.725     |
| 24     | 42          | 34.0        | 0.309     | 0.268    | 2.040     |
| MW     | 47          | 44          | 0.28      | 0.25     | 1.90      |
| STABW  | 12,652      | 9,048       | 0.185     | 0.215    | 1,389     |
| SEM    | 5,247       | 3,684       | 0.075     | 0.088    | 0.567     |
| TT vs con | 0.017       | 0.007       | 0.000     | 0.004    | 0.203     |
| TT vs d5 | 0.002       | 0.000       | 0.008     | 0.003    | 0.006     |
| Sample | Time (min) | TGF-β IL-6 IL-17 | HG TGF-β IL-6 IL-17 | HM TGF-β IL-6 IL-17 |
|--------|------------|-------------------|---------------------|---------------------|
| nc     | 10         | 1.07              | 1.31               | 6.01                |
| nc     | 10         | 1.479             | 1.878              | 1.635               |
| nc     | 30         | 1.11             | 1.30               | 1.32               |
| MW     | 10         | 1.03              | 1.1                 |
| SEM    | 0.159      | 0.129             | 0.268              | 0.222               |
| STABW  | 0.17       | 0.047             | 0.024              | 0.794               |
| TT vs nc | 0.017      | 0.001             | 0.001              | 0.001               |
| 15 min | 202.953    | 2.83             | 0.001              | 0.001               |
| MW     | 1.42       | 0.71              | 8.14               | 1.27               |
| SEM    | 0.046      | 0.068             | 0.324              | 0.141               |
| TT vs nc | 0.470      | 0.047             | 0.000              | 0.402               |
| 2 h    | 0.371      | 5.476             | 18.417             | 1.540               |
| MW     | 1.03       | 0.628             | 8.834              | 1.102               |
| SEM    | 0.041      | 1.163             | 4.601              | 0.088               |
| TT vs nc | 0.001      | 0.133             | 0.012              | 0.341               |
| 4 h    | 3.193      | 0.707             | 0.285              | 1.246               |
| MW     | 2.45       | 0.86              | 1.64               | 1.24                |
| STABW  | 0.086      | 0.125             | 1.581              | 0.124               |
| SEM    | 0.014      | 0.063             | 0.799              | 0.062               |
| TT vs nc | 0.019      | 0.154             | 0.521              | 0.432               |
| 8 h    | 1.414      | 0.524             | 1.231              | 0.881               |
| MW     | 1.59       | 0.60              | 0.63               | 1.26                |
| STABW  | 0.284      | 0.052             | 0.611              | 0.313               |
| SEM    | 0.142      | 0.026             | 0.306              | 0.156               |
| TT vs nc | 0.039      | 0.027             | 0.334              | 0.433               |
| Relative mRNA expression | TGF-β1  | IL-6    | IL-17   |
|--------------------------|---------|---------|---------|
| nc                       | 1,037   | 1,236   | 0,966   |
|                          | 1,164   | 0,807   | 1,395   |
|                          | 0,999   | 1,204   | 0,885   |
| MW                       | 1,066   | 1,082   | 1,082   |
| STABW                    | 0,086   | 0,239   | 0,274   |
| SEM                      | 0,050   | 0,138   | 0,158   |
| 25mM HG                  | 1,625   | 4,347   | 2,297   |
|                          | 1,600   | 4,452   | 2,346   |
|                          | 1,539   | 4,307   | 2,286   |
| MW                       | 1,621   | 4,369   | 2,310   |
| STABW                    | 0,020   | 0,075   | 0,032   |
| SEM                      | 0,011   | 0,043   | 0,018   |
| TT vs nc                 | 0,006   | 0,001   | 0,015   |
| 10ng/ml IL-6             | 1,302   | 1,639   | 3,598   |
|                          | 1,127   | 1,683   | 3,462   |
|                          | 1,421   | 1,590   | 3,549   |
| MW                       | 1,283   | 1,637   | 3,536   |
| STABW                    | 0,148   | 0,047   | 0,069   |
| SEM                      | 0,085   | 0,027   | 0,040   |
| TT vs nc                 | 0,110   | 0,052   | 0,003   |
| 5ng/ml TGF-β             | 1,777   | 1,636   | 1,119   |
|                          | 1,643   | 1,669   | 0,993   |
|                          | 1,802   | 1,591   | 1,456   |
| MW                       | 1,741   | 1,699   | 1,189   |
| STABW                    | 0,086   | 0,149   | 0,239   |
| SEM                      | 0,049   | 0,086   | 0,138   |
| TT vs nc                 | 0,001   | 0,027   | 0,637   |
| 25ng/ml IL-17            | 2,286   | 5,957   | 13,387  |
|                          | 2,367   | 4,452   | 13,769  |
|                          | 2,016   | 5,821   | 12,922  |
| MW                       | 2,223   | 5,410   | 13,359  |
| STABW                    | 0,164   | 0,632   | 0,424   |
| SEM                      | 0,106   | 0,481   | 0,245   |
| TT vs nc                 | 0,003   | 0,008   | 0,000   |