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Table S1. Correlation coefficients with P-values among measured blood biomarkers and treatment response in UTI infection in dairy cows.

| Variable <sup>a</sup> | RTT    | HP    | SAA   | Fb    | AGP   | Total Protein | Albumen |
|-----------------------|--------|-------|-------|-------|-------|---------------|---------|
| HP                    | -0.77* | 1.00  |       |       |       |               |         |
| SAA                   | -0.77* | 0.55* | 1.00  |       |       |               |         |
| Fb                    | 0.03   | -0.08 | -0.02 | 1.00  |       |               |         |
| AGP                   | -0.59* | 0.38* | 0.44* | 0.02  | 1.00  |               |         |
| Total Protein         | -0.85* | 0.60* | 0.65* | -0.03 | 0.49* | 1.00          |         |
| Albumin               | 0.02   | 0.07  | -0.13 | 0.10  | 0.10  | -0.06         | 1.00    |
| Globulin              | -0.85* | 0.64* | 0.66* | -0.06 | 0.46* | 0.81*         | -0.19   |

<sup>a</sup>Hp: Haptoglobin; SAA = Serum Amyloid A; Fb = Fibrinogen; AGP =  $\alpha$ 1-Acid glycoprotein, RTT = response to treatment

\* Indicates significant correlation at  $P < 0.001$ , coefficients with no stars are non-significant ( $P > 0.05$ )