**Supplementary Table 2.** Positive culture results of different duration of insulin therapy versus control mice without diabetes

|  |  |  |
| --- | --- | --- |
|  | *S. aureus* challenge | *E. coli* challenge |
|  | Systemic inoculation | Localinoculation | Systemicinoculation | Localinoculation |
| Control mice without diabetes(n = 20) | 4 | 8 | 1 | 5 |
| 1 days(n = 20) | 13 | 16 | 10 | 16 |
| p value | 0.01 | 0.02 | 0.003 | 0.001 |
| 3 days(n = 20) | 7 | 11 | 6 | 10 |
| p value | 0.48 | 0.53 | 0.09 | 0.19 |
| 5 days(n = 20) | 8 | 12 | 7 | 10 |
| p value | 0.30 | 0.34 | 0.04 | 0.19 |
| 7 days(n = 20) | 10 | 10 | 7 | 9 |
| p value | 0.10 | 0.75 | 0.04 | 0.32 |
| 14 days(n = 20) | 9 | 12 | 6 | 11 |
| p value | 0.18 | 0.34 | 0.09 | 0.11 |
| 28 days(n = 20) | 8 | 13 | 7 | 10 |
| p value | 0.30 | 0.21 | 0.04 | 0.19 |

Exact p values were presented as different durations of insulin therapy versus control mice without diabetes.