

Supplementary table 1 *horses used*

| ID | Age (years) | Breed | Last tetanus vaccination before this study (months) |
|-----------|--------------------|-----------------|--|
| H01 | 15 | Oldenburg horse | 29 |
| H02 # | 16 | Westphalian | 40 |
| H03 | 18 | Mecklenburger | 29 |
| H04 # | 18 | Trakehner | 40 |
| H05 | 16 | Oldenburg horse | 33 |
| H06 | 12 | Hanoverian | 15 |

unavailable for sampling on day 28 after vaccination