|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cow phenotype | | | | Composition of peripheral blood cells | Microarrays (endometrium and WBC) | Total RNA available for RT-qPCR | | |
| Health status | | estrous cycle | | 45-55 days post-partum | | Time course |
| WBC | endometrium | WBC |
| Healthy | 17 | Luteal phase | 6 | 4 | 2 | 5 | 5 | 3 |
| Follicular phase | 7 | 6 | 2 | 5 | 5 | 6 |
| undetermined | 4 | \_ | \_ | \_ | \_ | 1 |
| Subclinical endometritis (SCE) | 9 | Luteal phase | 4 | 4 | 3 | 4 | 3 | 1 |
| Follicular phase | 1 | 1 | 1 | 1 | \_ | 1 |
| undetermined | 4 | \_ | \_ | 2 | \_ | 2 |