

F. Torres, C.C. Baccili, J.S. Ramos, L. M. Padilha, M. L. de Brun Méndez, R. Puentes, V. Gomes. (2023) Effect of Bovine Leukemia Virus Infection and Proviral Load on Health of Dairy Heifers through the Transition Period

File 1. [Final Results – Torres et al., 2023](#)

This file contains all the data of the experiment, from seven times. That are (-3) 3 days before calving time, (-2) 2 days before calving time, (-1) 1 day before calving time, (0) calving time, (+1) 1 day after calving time, (+2) 2 days after calving time, and (+3) 3 days after calving time, of all the heifers (n = 24).

On the first sheet, at first column (A), there are the identification of heifers, and the second one (B) shows the breed of each heifer (Holstein or Jersey). And then, from column C the seven times analyzed. At the next column (D), there are the ranking of heifers on bovine leukosis virus positive group (BLV+) represented by number 1 and bovine leukosis virus negative group (BLV-) represented by number 0.

The following columns represent the results of the parameters measured in the blood count and biochemistry, including haptoglobin dosage, at all times, of all heifers.

The second sheet shows the screening using the droplet digital PCR + ELISA and pairing of heifers. At first column (A), there are the identification of heifers, and the second one (B) shows the identification of each pair, always being a heifer BLV + and a heifer BLV-. At the next column (D), there are the values of digital PCR at the time -3. The same for column (J) at time +3. The column (G) shows positive or negative result for screening by ELISA.

The third sheet is about the milk production control. At first column (A), there are the identification of heifers on all times (-3 to +3). The second one (B) shows the identification of each pair. And then, from column C the date of milk mensuration's. The next columns show, in that order:

DEL – Days in lactation; Production; Fat; Protein; SCC – Somatic Cells Count

File 2. [Supplementary Tables – Torres et al., 2023](#)

This file contains supplementary tables to the paper. The first page shows supplementary table 1 which is about the mean and standard deviation values of the hemogram exam in dairy heifers during the transition period.

The third page shows supplementary table 2 that's about the mean and standard deviation of biochemistry exam in BLV+ (12) and BLV- (n=12) dairy heifers during the transition period.