Supplementary Figure 2: Horses recruited during December 2022 to February 2023. (A) Correlation between IL-31 and IL-31RA transcription in equine whole blood leukocytes following 24 hours culture and stimulation with saline (0.9% NaCl) solution (left) or 5 µg/ml *Culicoides nubeculosus* (right): n = 18. (B) Correlation of transcription of either IL-31 (left) or IL-31RA (right) in equine whole blood leukocytes between saline solution and 5 µg/ml *C. nubeculosus* 24 hours stimulation: n = 18 paired samples. (C) Correlation of pruritus scores with transcription of either IL-31 (top) or IL-31RA (bottom) in equine whole blood leukocytes stimulated with saline solution (left) or 5 µg/ml *C. nubeculosus* (right) 24 hours stimulation: n = 18. (D) Correlation of pruritus scores with the highest IDST score in response to *C. nubeculosus*: n = 14. Transcription is expressed as relative expression ratio (R). * p < 0.05, ** p < 0.01, *** p < 0.001, **** p < 0.0001.