

**Position Statement:** All new clinical cases or outbreaks in which PRRS virus is identified should have the virus sequenced, and the Ontario pig industry should have a centralized database of PRRS virus sequences.

**Rationale:** Sequencing and tracking PRRS virus strains creates a farm history allowing better understanding and decisions on:

- a. Control or elimination initiatives.
- b. Changes in clinical, production or economic parameters.
- c. Biosecurity protocols.

Development of a centralized database of PRRS virus sequences will allow industry-wide analysis on epidemiology and biosecurity and indicate the direction for applied research. It will be part of the foundation of information to ensure exclusion of PRRSv from herds and elimination of the virus at the herd level.

Tracking and assessment of virus prevalence facilitates feedback on success or failure of farm and industry-wide initiatives.

### References

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