The amino acid selected for generating mutant TbpB antigens defective in binding transferrin can compromise the *in vivo* protective capacity

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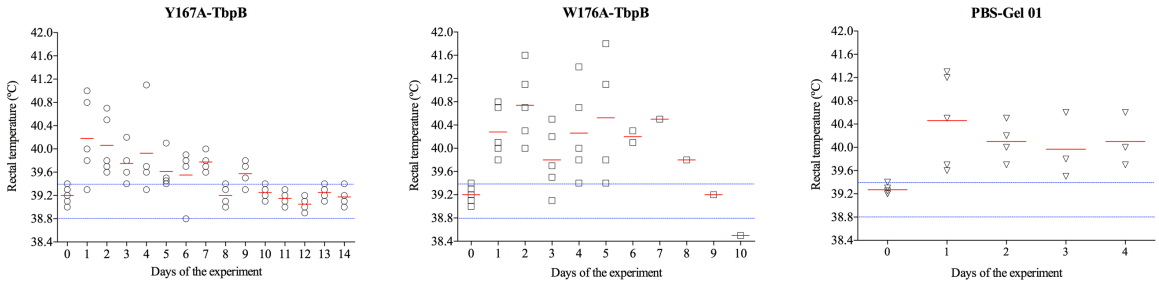
Supplementary figure S1. Rectal temperatures (ºC) in surviving pigs at different time points (days) after the challenge with *H. parasuis* 174 strain (SV7). The blue lines indicate the normal physiological temperature range for pigs. The rectal temperature was measured once a day, at the same time every day. The ambient room temperature was constant at 22ºC.



Supplementary Table S1. Clinical evaluation of the pigs challenged with *H. parasuis* strain 174 (serovar 7).

Group	Clinical symptoms	Days of the Experiment and Percentages of Affected Animals														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Y167A-TbpB	Apathy	•	80%	20%	•	•	•	•	•	•	•	•	•	•	•	†
W176A-TbpB		•	60%	60%	60%	100%	100%	100%	100%	100%	100%	100%	†			
PBS		•	•	80%	100%	100%	†									
Y167A-TbpB	Coughing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	†
W176A-TbpB		•	•	20%	•	•	•	•	•	•	•	•	†			
PBS		•	•	•	•	•	†									
Y167A-TbpB	Dyspnea	•	•	20%	•	•	•	•	•	•	•	•	•	•	•	†
W176A-TbpB		•	•	40%	60%	20%	100%	100%	100%	100%	100%	100%				
PBS		•	•	•	75%	100%	†									
Y167A-TbpB	Lameness	•	•	20%	•	•	•	•	•	•	•	•	•	•	•	†
W176A-TbpB		•	20%	40%	60%	60%	100%	100%	100%	100%	100%	100%	†			
PBS		•	•	40%	100%	100%	†									

• No symptoms detected.

† End of the experiment for each group [where 100% of animals have died as a consequence of the challenge (W176A-TbpB and PBS-Gel 01) or were sacrificed at the end of this study (Y167A-TbpB)].