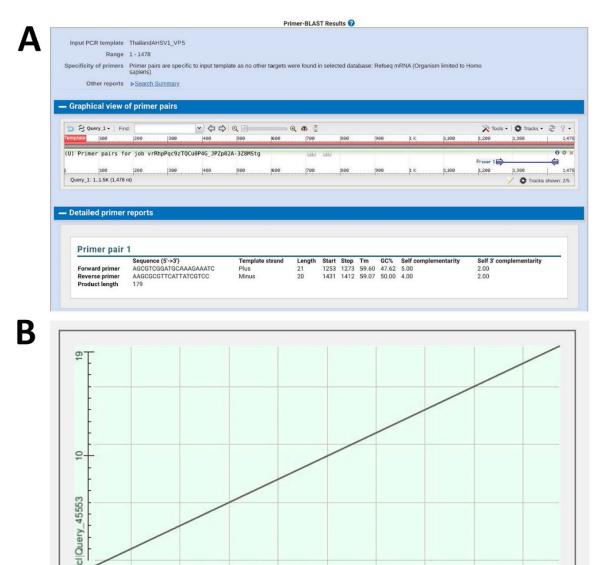
Article DOI: https://doi.org/10.3201/eid2812.220594

Development of Differentiating Infected from Vaccinated Animals (DIVA) Real-Time PCR for African Horse Sickness Virus Serotype 1

Appendix

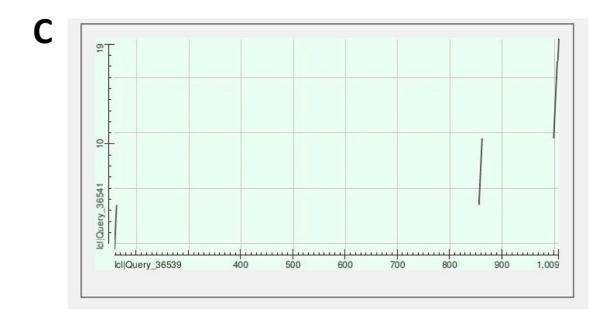
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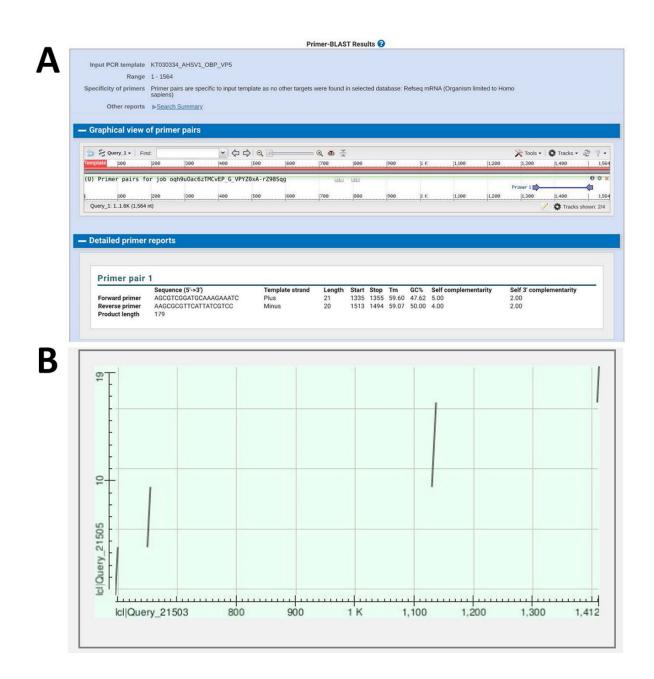
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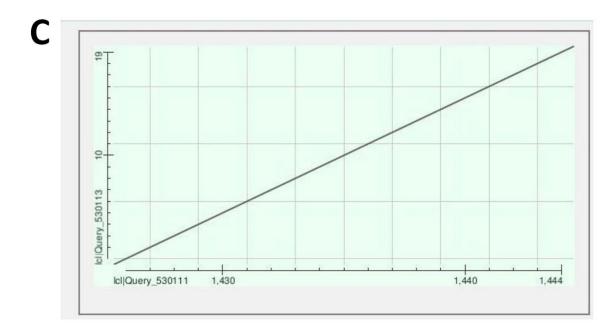
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1,350

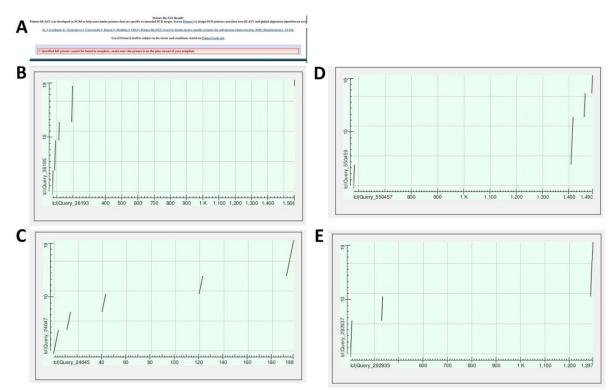


Appendix Figure 1. Summary of alignment plots of primers or probes to the vaccine (AHSV-1, AHSV-3 and AHSV-4) and outbreak (ThailandAHSV1) strains. These are made available from the Primer-BLAST and BLAST Global Alignment (dot plots) programs. A) Primer VP5-DIVA-P1 vs ThailandAHSV1 by Primer-BLAST; B) Primer VP5-DIVA-P1 vs ThailandAHSV1 by BLAST Global Alignment by the Needleman-Wunsch algorithm; C) VP5-DIVA-P2 vs ThailandAHSV1 by BLAST Global Alignment by the Needleman-Wunsch algorithm.





Appendix Figure 2. Summary of alignment plots of primers or probes to the vaccine (AHSV-1, AHSV-3 and AHSV-4) and outbreak (ThailandAHSV1) strains. These are made available from the Primer-BLAST and BLAST Global Alignment (dot plots) programs. A) Primer vs AHSV_1; B) VP5-DIVA-P1 vs AHSV_1 by BLAST Global Alignment by the Needleman-Wunsch algorithm; C) VP5-DIVA-P2 vs AHSV1 by BLAST Global Alignment by the Needleman-Wunsch algorithm.



Appendix Figure 3. Summary of alignment plots of primers or probes to the vaccine (AHSV-1, AHSV-3 and AHSV-4) and outbreak (ThailandAHSV1) strains, by BLAST Global Alignment by the Needleman-Wunsch algorithm (dot plots). A) Primers vs AHSV_3 / AHSV_4; B) VP5-DIVA-1 vs AHSV_3; C) VP5-DIVA-2 vs AHSV_3; D) VP5-DIVA-1 vs AHSV_4; E) VP5-DIVA-2 vs AHSV_4.