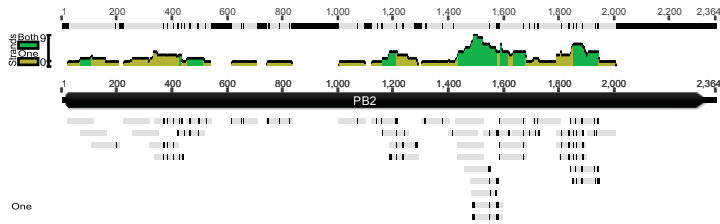


Supplemental Fig 1. Genome coverage of the multiple segments of D/influenza togetherwith % nucleotide identity to strain swine/Oklahoma/1334/2011

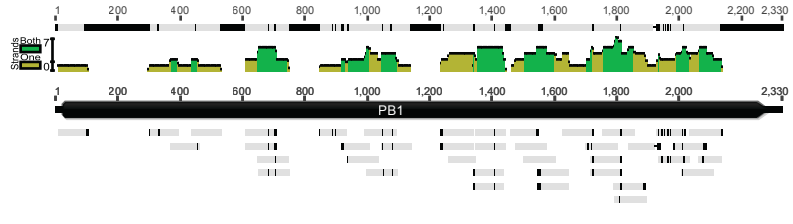
Supplemental Table 1. Primers used for real time PCR assays

Suppl Fig. 1

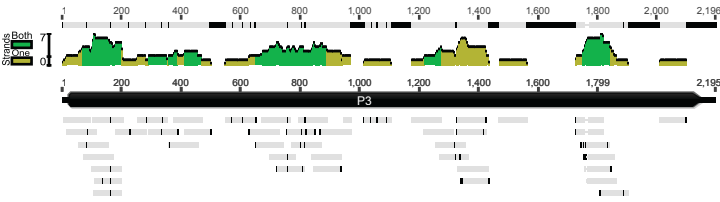
Segment 1 (PB2)



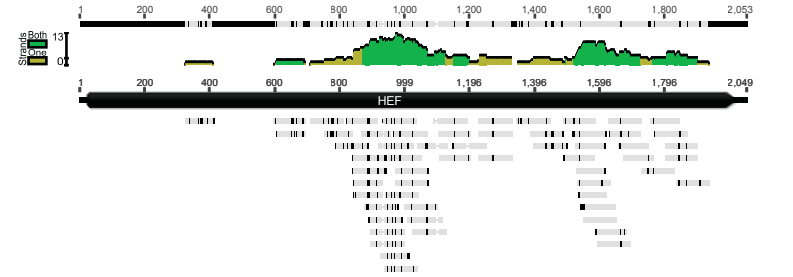
Segment 2 (PB1)



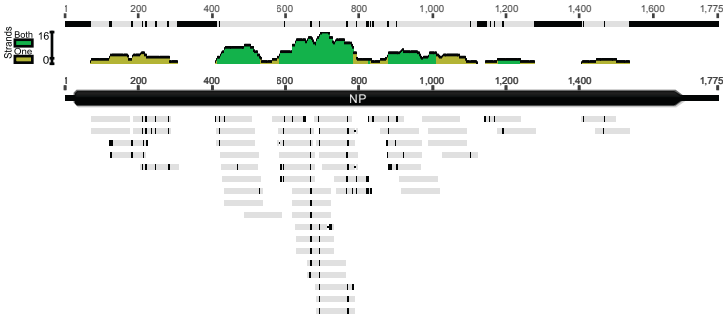
Segment 3 (P3)



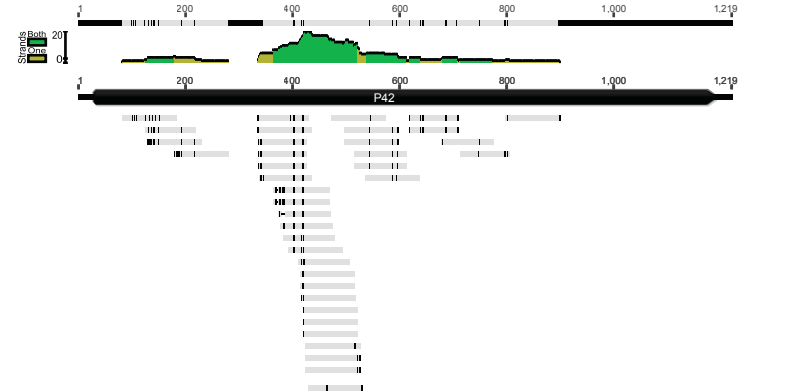
Segment 4 (HEF)



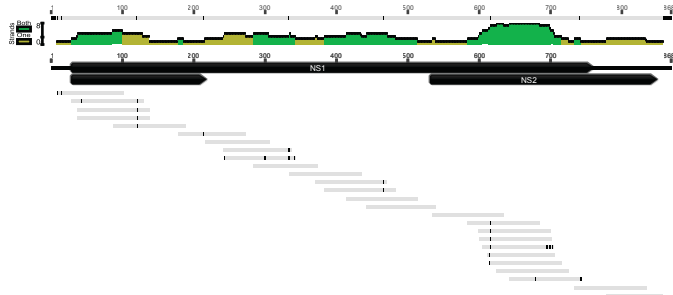
Segment 5 (NP)



Segment 6 (P42)



Segment 7 (NS1/2)



Segment	Viral hits	Coverage	Average % nucleotide identity
1 (PB2)	40	73%	96.56%
2 (PB1)	40	63%	97.27%
3 (P3)	45	74%	98.27%
4 (HEF)	60	65%	94.85%
5 (NP)	55	68%	97.20%
6 (P42)	38	61%	95.40%
7 (NS1/2)	26	99%	98.80%

Suppl. Table 1

<u>Virus</u>	<u>Forward primer</u>	<u>Tagman probe</u>	<u>Reverse primer</u>	<u>Amplicon length</u>	<u>Region of amplification</u>
Bovine Adenovirus 3	5'-CCTAGGAGTGGTCCTTTAGAAAG-3'	5'-/56FAM/TCTGGGCAA/ZEN/TGATCTGCG-3'	5'-GTAGAGGTTGACGCTGGTAAT-3'	115 bp	Hexon
Bovine Rhinitis A - BSRI4	5'-TGGACCCAACCAAGATTG-3'	5'-/56FAM/TCAACAGGT/ZEN/AGCACATCA-3'	5'-TGGATCGGGAGAAAATTAGG-3'	84 bp	3D
Bovine Rhinitis B - BSRI1	5'-GCGATTGTCCTAGGGTTT-3'	5'-/56FAM/TTTGACGCG/ZEN/TGGCACACT-3'	5'-GCCACTGAGGTTAGCTTCTC-3'	109 bp	3D
Bovine Rhinitis B - BSRI2	5'-AACGCGATTGTGTTCTAGGG-3'	5'-/56FAM/TTGGAGGCTATCTG/ZEN/TCCTTTGCA-3'	5'-GAGACCCGCTACTGAGGTTA-3'	120 bp	3D
Bovine Influenza D/CA	5'-GGCAAACCTATGACTGGACAAG-3'	5'-/56FAM/ACTGTTAGCTGAAG/ZEN/AGCGGTGGC-3'	5'-TCCCTGTGTTTCTGTATAGCG-3'	89 bp	PB1
Bovine Astrovirus - BSRI1	5'-GTTGGGCTCCTTATCGAAG-3'	5'-/56FAM/CGGTGATG/ZEN/CTGTTGAAC-3'	5'-CACTATTGGCGAATGCTTGG-3'	134 bp	ORF1b
Bovine Parvovirus 2 - BSRI	5'-AGGCTACACCCTGTAGTT-3'	5'-/56FAM/AGGACGCGAGGAG/ZEN/CATTATGGT-3'	5'-GTTCCATAGCTAGCCATAA-3'	135 bp	NS2
Bovine Picobirnavirus - BSRI1	5'-GTTCCACCTGAGCGATACC-3'	5'-/56FAM/CCGACCTGTGGAACA/ZENACGAATGGA-3'	5'-GGGTGGCGATTACAATTTCT-3'	96 bp	RDRP