The participation of *Mycoplasma bovirhinis* in the development of singular and concomitant respiratory infections in dairy calves from Southern Brazil

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Supplementary Table 1. Targets genes, primers, and amplicon size of the molecular assays used to identify infectious disease pathogens of respiratory and enteric diseases of cattle.

Pathogens	Target genes	Primer sequencies (5´ - 3´)	Amplicon size (bp)	Reference order
Viral				
OvGHV2	Tegument protein	Fw-AGTCTGGGTATATGAATCCAGATGGCTCTC Rv-AAGATAAGCACCAGTTATGCATCTGATAAA	422	[1]
BoGHV6	DNA polymerase	Fw-ACAGACGGGCAGCAGATAAG Rv-ATGGTTCGCCCCTGTAGAGT	551	[2]
BCoV	N gene	Fw-TTGCTAGTCTTGTTCTGGC Rv-TGTGGGTGCGAGTTCTGC	251	[3]
BVDV	5'UTR	Fw-ATGCCC(T/A)TAGTAGGACTAGCA Rv-TCAACTCCATGTGCCATGTAC	288	[4]
BRSV	G gene	Fw-CATCAATCCAAAGCACCACACTGTC Rv-GCTAGTTCTGTGGTGGATTGTTGTC	371	[5]
BoAHV1	C gene	Fw-CAACCGAGACGGAAAGCTCC Rv-AGTGCACGTACAGCGGCTCG	354	[6]
BPIV-3	HN gene	Fw-GAATGACTCATGATAGAGGTAT Rv-AGGACAACCAGTTGTATTACAT Rv-ATGTTGTTRATGATGGTGTTGA	647	[7]
Bacterial				
Mannheimia haemolytica	lktA-artJ intergenic region	Fw-GTCCCTGTGTTTTCATTATAAG Rv-CACTCGATAATTATTCTAAATTAG	385	[8]
Histophilus somni	16S	Fw-GAAGGCGATTAGTTTAAGAG Rv-TTCGGGCACCAAGTRTTCA	408	[9]
Pasteurella multocida	ORF KMT1	Fw-GCTGTAAACGAACTCGCCAC Rv-ATCCGCTATTTACCCAGTGG	460	[10]
Mycoplasma bovis	16S-23S rRNA internal transcribed spacer	Fw-GTACACTTGTCTTTTATCACTATA Rv-AAGGTATCTCGCTTTATGTCCT	488	[11]

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