

Virological surveillance and Molecular Characterization of Human Parainfluenzavirus Infection in Children with Acute Respiratory Illness: Germany, 2015-2019

Djin-Ye Oh, Barbara Biere, Markus Grenz, Thorsten Wolff, Brunhilde Schweiger, Ralf Dürrwald, Janine Reiche

The following table provides oligonucleotide sequences used in the multiplex real-time RT-PCR for the detection of HPIV-1-4 as described previously [45].

Table S1: Oligonucleotides used for the detection of HPIV 1-4

PCR	Oligonucleotide	Sequence (5'→3')	Final concentration
PIV-1 [HN-Gene]	HPIV-1 F7508	TGCAATATATGCRTATTCATCAAACCTTAAT	300
	HPIV-1 R7587	CTAATTGTAAAACCTGATATGACTTCCCTA	300
	<i>HPIV-1 MGB7539</i>	<i>ACTCAAGGATGTGCAGATA - MGB</i>	100
PIV-2 [HN-Gene]	HPIV-2 F7460	ATCTTCAGGACTATGAAAACCATTTACC	300
	HPIV-2 R7544	CACAACCTCCTGGTATAGCAGTGAC	300
	<i>HPIV-2 TM7489</i>	<i>AAGTGATGGAATCAATCGCAAAAGCTGTT</i>	100
PIV-3 [HN-Gene]	HPIV-3 F8271	GCATTGTATCATCTGTCATATTRGAYTCAC	600
	HPIV-3 R8364	GCCAGCTCGTTYACYCTTTTCRGT	600
	<i>HPIV-3 TM8306</i>	<i>TCGAGAGTBAACCCAGTCATAACTTACTCAACA</i>	150
PIV-4 [P-Gene]	HPIV-4 F3028	AGACGTCTCAAAAATTTGTTGATCAAG	300
	HPIV-4 R3103	GGTCCAGAYAAWATGGGTCTTGCTA	600
	<i>HPIV-4 MGB3085</i>	<i>TCAAGTGTAATTGTATTRTC - MGB</i>	150