

6.6 Table of PCR Protocols

Pathogen	round	product size (amplicon)	predwell	jumpstart	cycles	denature	anneal	elongate	postdwell	hold
C. shasta		640 bp	---	95°C/3min	35	94°C/60sec	58°C/30sec	72°C/60sec	72°C/10min	4°C
IHNV	1	786 bp	50°C/15min	95°C/2min	25	95°C/30sec	50°C/30sec	72°C/60sec	72°C/7min	4°C
	2	323 bp	---	95°C/2min	25	95°C/30sec	50°C/30sec	72°C/60sec	72°C/7min	4°C
IPNV		174 bp	50°C/15min	95°C/2min	35	95°C/30sec	50°C/30sec	72°C/60sec	72°C/7min	4°C
ISAV		493 bp	42°C/15min	94°C/5min	40	94°C/45sec	59°C/45sec	72°C/105sec	72°C/7min	4°C
LMBV		248 bp	20°C/5min	94°C/3min	35	95°C/45sec	60°C/45sec	72°C/60sec	72°C/7min	4°C
M. cer		508 bp	---	94°C/2min	35	95°C/60sec	65°C/150sec	72°C/90sec	---	---
OMV		439 bp	---	---	30	94°C/30sec	56°C/30sec	72°C/30sec	---	4°C
P. sal	1	1540 bp	---	94°C/2min	35	94°C/60sec	50°C/120sec	72°C/180sec	---	4-16°C
	2	476 bp	---	94°C/2min	35	94°C/60sec	65°C/120sec	72°C/180sec	---	4-16°C
R. sal	1	383 bp	---	94°C/2min	10-20	93°C/30sec	60°C/30sec	72°C/60sec	---	4°C
	2	320 bp	---	95°C/5min	10-20	93°C/30sec	60°C/30sec	72°C/60sec	---	4°C
SVCV	1	714 bp	---	---	35	95°C/60sec	55°C/60sec	72°C/60sec	72°C/10min	4-16°C
	2	606 bp	---	---	35	95°C/60sec	55°C/60sec	72°C/60sec	72°C/10min	4-16°C
VHSV	1	950 bp	50°C/15min	95°C/2min	25	95°C/30sec	50°C/30sec	72°C/60sec	72°C/7min	4°C
	2	558 bp	---	95°C/2min	25	95°C/30sec	50°C/30sec	72°C/60sec	72°C/7min	4°C