

Vd-LRNA Kauai short	TTGGATTGTGTGATCCAACCTGATGAGAACAAAAGTTCGAAACCTTCAACCTAGTGTGAGG	60
FHVd-LR Oahu	TTGGATTGTGTGATCCAACCTGATGAGAACAAAAGTTCGAAACCTTCAACCTAGTGTGAGG	60

Vd-LRNA kAUAI short	ACTCTCACCTCTTCGGCTCTCTGCCTGGAACGCTATGCAGCTCTACCGCTCTATTCCTCG	120
FHVd-LR Oahu	ACTCTCACCTCTTCGGCTCTCTGCCTGGAACGCTATGCAGCTCTACCGCTCTATTCCTCG	120

Vd-LRNA Kauai short	ACTAGTTCTTGGAAATATCGGGGAGTTCCATTCTTCTAGTAAAGTTTCGGTGACGGCCAG	180
FHVd-LR Oahu	ACTAGTTCTTGGAAATATCGGGGAGTTCCATACTTCTAGTAAAGTTTCGGTGACGGCCAG	180

Vd-LRNA Kauai short	GGTAGTAGCACTTTTGTGTAAGTTTCGTCCTTTTGGACTCATCAGTAGGAAAACACATTC	240
FHVd-LR Oahu	GGTAGTAGCACTTTTGTGTAAGTTTCGTCCTTTTGGACTCATCAGTAGGAAAACACATTC	240

Vd-LRNA Kauai short	CTAGACTTCGCGTGGGTGAGGGACAGCCGTCAGTGCGCCGTATATGCTATGAATATCTCA	300
FHVd-LR Oahu	CTAGACTTCGCGTGGGTGCGGGACAGCGGTCAGTGCGCCGTGCATGCTGTGTTTATCTCA	300

Vd-LRNA Kauai short	ATCAATTCATAGGTATACTGGACGAGTGCGGAGTCCCAATACTCCCCTCTGAAGGTA	358
FHVd-LR Oahu	ATCAAAGCACAGATGTACTGGACGAGTGCCGAGTCCCAATACTCCCCTCTGAAGGTA	358

Figure S3. Pairwise comparison between the short viroid-like RNA (Vd-LRNA) from Kauai island and FHVd-LR (master sequence) from Oahu island. The sequence identity between the two sequences is 96.09%. Positions with identical nucleotides are denoted by asterisks.