

Additional file 1: Probes for NGS and PCR primer.

Methods	Probe / Primer name	Primer Sequence, 5' to 3'	Probe / primer position	GenBank Reference Sequence
NGS	Probe_LTR_1	TGTATGAAAGATCATGCCGA- CCTAGGCGCCGCCACCGCCC- CCTAGGCGCCGCCACCGCCC- CAGCTGCCAGAAAAGCTGGT- GACGGCAGCTGGTGGCTAGA	1-100 (5'LTR), 8190- 8289 (3'LTR)	EF600696.1
	Probe_LTR_2	CACCTGCTGATAAATTAATA- AAATGCCGGCCCTGTCGAGT- TAGCGGCACCAGAAGCGTTC- TTCTCCTGAGACCCTCGTGC- TCAGCTCTCGGTCCTGAGCT	161-260 (5'LTR), 8350- 8449 (3'LTR)	EF600696.1
	Probe_LTR_3	CGAGACCTTCTGGTCGGCTA- TCCGGCAGCGGTCAAGTAAG- GCAAACCACGGTTTGGAGGG- TGGTTCTCGGCTGAGACCAC- CGCGAGCTCTATCTCCGGTC	271-370 (5'LTR), 8460- 8559 (3'LTR)	EF600696.1
	Probe_gag_1	CCACCCTAAACGAAGTGCTC- TCAAACGATGGGGGCGCCCC- GGGTGCATCGGCCCCAGAAG- AACAACCCCCCCTTATGAC- CCCCCGCCGTTTGGCCAAT	861-960	EF600696.1
	Probe_tax_1	CCCCTTATCCAAACGCCCGG- CCTGTCTTGGTCTGTCCCCG- CGATCGACCTATTCCCTAACC- GGTCCCCCTTCCCCATGCGA- CCGGTTACACGTATGGTCCA	7941-8040	EF600696.1
Inverse PCR	LTRendR2	CTGGTGCCGCTAACTCGACAG	212-192	EF600696.1
	LTRendF3	GCGTTCTTCTCCTGAGACCCTC	215-236	EF600696.1
	TaxendR2	AGAGTCCACGTGGAGACGGTC	8584-8564	EF600696.1
	TaxendF2	AAGGGCGTCTGGCTTGCACCCG	8612-8633	EF600696.1
Sequencing of the inverse PCR products	LTRendR3	TACGGGGATTCTAGCCACCAG	109-89	EF600696.1
	LTRendF4	GACCCTCGTGCTCAGCTCTCG	230-250	EF600696.1
	TaxendR3	GTGGAGACGGTCAGAGGACCG	8575-8555	EF600696.1
	TaxendF3	GTCTGGCTTGACCCCGCGTTTG	8618-8639	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr1_BLV5'LTR)	Chr1_F2	AGGGTACTATTAATAACACCATTTC	Chr1 : 117278334-117278357	NC_037328.1
	LTRendR3	TACGGGGATTCTAGCCACCAG	109-89	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr1_BLV3'LTR)	Chr1_R2	TCCCTAGACATAGTCATGCCTC	Chr1 : 117278464-117278443	NC_037328.1
	TaxendF3	GTCTGGCTTGACCCCGCGTTTG	8618-8639	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr8_BLV5'LTR)	Chr8_R1	GTCAGTGGTGCGTGCCAGTGC	Chr8 : 24881129-24881108	NC_037335.1
	LTRendR3	TACGGGGATTCTAGCCACCAG	109-89	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr8_BLV3'LTR)	Chr8_F1	TCACAGTTAAGAATTCGAATCTG	Chr8 : 24880933-24880956	NC_037335.1
	TaxendF3	GTCTGGCTTGACCCCGCGTTTG	8618-8639	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr17_BLV5'LTR)	Chr17_R	GTTGCAATGTCAAACACAAGTGC	Chr17 : 68009192-68009171	NC_037344.1
	LTRendR3	TACGGGGATTCTAGCCACCAG	109-89	EF600696.1
PCR amplification and sequencing of viral-host junctions (Chr17_BLV3'LTR)	Chr17_F	TCAAGTCACCAAGTTGCACATG	Chr17 : 68009023-68009044	NC_037344.1
	TaxendF3	GTCTGGCTTGACCCCGCGTTTG	8618-8639	EF600696.1