

Table S2. Sequences of the used primer/probe in this study.

Target	Primer/probe ID	Primer sequence 5'-3'	Reference
1) BLV-PVL-COCOMO- qPCR-2			
BLV-LTR	CoCoMo-FRW	AATCCMNMICYKDAGCTGCTGAYYTCACCT ATCCACACCCTGAGCTGCTGCACCTCACCT	Takeshima et al. (53) Takeshima et al. (53)
	CoCoMo-REV FAM-LTR probe	primers mixture 1:10 TTGCCTTACCTGMCSSCTKSCGGATAGCCGA FAM-CTCAGCTCTCGGTCC-NFQ-MGB	Takeshima et al. (53) Jimba et al. (15)
BoLA-DRA	DRA-FW	CCCAGAGTATGAAGCTCCAGCCC	Takeshima et al. (53)
	DRA-RW	CCCTCGGCGTTCAACGGTGT	Takeshima et al. (53)
	FAM-DRA probe	FAM-TGTGTGCCCTGGGC -NFQ-MGB	Takeshima et al. (53)
2) BoLA-DRB3 Genotyping			
BoLA-DRB3	DRB3FRW	CGCTCCTGTGAYCAGATCTATCC	Takeshima et al. (55)
	DRB3REV	CACCCCCGCGCTCACC	Takeshima et al. (55)