Table II. *Nucleic acid identity (%) of gB gene sequences of Turkish BoHV-4 strains and BoHV-4 strains selected as representative for different genotypes from GenBank database.*

Genotype	Virus Code	Acc number	I		II			III	
			MG264402	MG264401	KP209029 DN_599	AY847334 Movar33/63	MG264396	MG264404	MG264399
I	KAS25	MG181946	100	100	99.7	99.3	99.7	92.7	92.3
	KAS21	MG181944	100	100	99.7	99.3	99.7	92.7	92.3
	KAS24	MG181945	100	100	99.7	99.3	99.7	92.7	92.3
		MG264402		100	99.7	99.3	99.7	92.7	92.3
		MG264401	100		99.7	99.3	99.7	92.7	92.3
II	DN_599	KP209029	99.7	99.1		99.7	100	93.0	92.7
	Movar33/63	AY847334	99.3	99.3	99.7		99.7	92.7	92.3
		MG264396	99.7	99.7	100	99.7		93.0	92.7
	U-NS66	JX644989	97.0	97.0	97.3	97.0	97.3	90.3	90.0
	YL	GQ375280	97.7	97.7	98.0	97.7	98.0	91.0	91.3
	ANK-Br	KX192363	99.0	99.0	99.3	99.0	99.3	92.3	92.7
	KC-B12	JX644988	99.0	99.0	99.3	99.0	99.3	92.3	92.7
	TG-4	GQ246863	98.7	98.7	99.0	98.7	99.0	92.0	92.3
	TG-1	GQ246866	98.7	98.7	99.0	98.7	99.0	92.0	92.3
	KC-12	GQ246864	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	ANK-Teat	KX192365	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	K339	EU055543	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	ANK-NS	KX192364	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	SB-9	GQ246865	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	T-6	GQ246867	99.7	99.7	100	99.7	100	93.0	92.7
	B1 AC4	MH318579	99.7	99.7	100	99.7	100	93.0	92.7
	B2 AC4	MH318580	99.7	99.7	100	99.7	100	93.0	92.7
	IZ1LK136	MK543546	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	KCORG	MK543547	99.3	99.3	99.7	99.3	99.7	92.7	92.3
	KCVS2	MK543548	99.0	99.0	99.3	99.0	99.3	92.3	92.7
	TGVS29	MK543549	98.7	98.7	99.0	98.7	99.0	92.0	92.3
	TGVS549	MK543550	98.7	98.7	99.0	98.7	99.0	92.0	92.3
	TGVS550	(MK543551)	98.7	98.7	99.0	98.7	99.0	92.0	92.3
III	9870MILK	MH605274	91.7	91.7	92.0	91.7	92.0	99.0	98.7
		MG264404	92.7	92.7	93.0	92.7	93.0		99.7
		MG264399	92.3	92.3	92.7	92.3		99.7	