Supplementary Table S1. Hardy Weinberg (HW) equilibrium test in all studied microsatellite loci by goat breeds.

Locus	Breed	
	KLH	BVLH
CSRD247	0.801	0.696
ILSTS008	0.990	0.274
ILSTS019	0.621	0.535
ILSTS087	0.733	0.213
INRA005	0.439	0.956
INRA006	0.131	0.969
INRA023	0.925	0.005**
INRA063	0.649	0.937
MAF65A	0.314	0.853
MCM527	0.303	0.218
OARFCB20	0.137	0.825
SRCRSP5	0.223	1.000
SRCRSP8	0.300	0.999
SRCRSP23	0.426	0.143

Abbreviations: KLH –Kalofer longhaired; BSLH - Bulgarian screw-horned longhaired

Significant at $p < 0.01$**