



Population structure of Istrian and Croatian Coloured goat

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ISTRIAN GOAT



Critically

endangered

12 individuals under selection

Inabitating Istrian peninsula

Endangered

1700 individuals under selection

Inhabiting mountain areas of southern Croatia

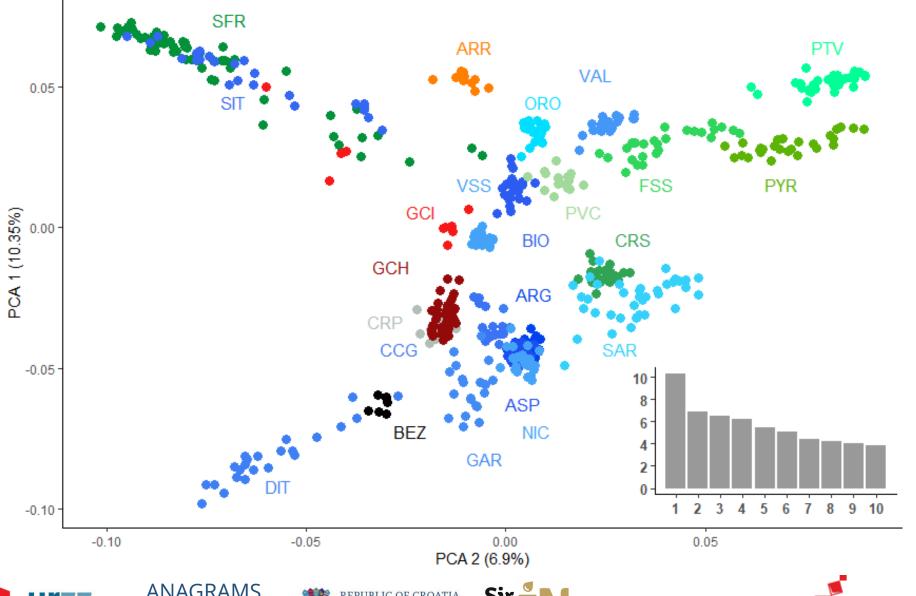
CROATIAN COLOURED GOAT



F_{ST} values between Croatian goat breeds and European goat breeds

Breed	ARG	CCG	CRP	DIT	GAR	ORO	PTV	PYR	SAA	VSS	GCH	M _{FST}
ARG												0.048
CCG	0.019								<0.05			0.049
CRP	0.022	0.022							0.05-	0.1		0.049
DIT	0.080	0.082	0.087						>0.1			0.100
GAR	0.055	0.061	0.061	0.121								0.082
ORO	0.094	0.095	0.099	0.156	0.138							0.101
PTV	0.081	0.083	0.088	0.144	0.124	0.130						0.090
PYR	0.068	0.073	0.077	0.132	0.113	0.123	0.094					0.082
SAA	0.047	0.047	0.046	0.102	0.085	0.089	0.074	0.069				0.058
VSS	0.032	0.031	0.029	0.094	0.073	0.085	0.078	0.072	0.041			0.051
GCH	0.023	0.022	0.011	0.083	0.060	0.093	0.083	0.074	0.046	0.027		0.047
GCI	0.053	0.053	0.046	0.119	0.096	0.114	0.097	0.087	0.048	0.050	0.046	0.067

Principal component analysis of 21 Europan goat breeds



Croatia
Italy
France
Romania
Ireland
Iranian bezoar









