

Supplementary Table S3. Average and individual membership proportions of both reference parental cat groups and Sardinian genotypes typed at 10 and 29 microsatellite *loci* obtained by STRUCTURE with the best assignment clusters of $K = 2$ (considering two reference cat groups: Fca Ref-Fly Ref) and $K = 3$ (considering three reference cat groups: Fca Ref-Fly Ref-Fsi Ref).

Marker set	Group/individual	Fca Ref-Fly Ref		Fca Ref-Fly Ref-Fsi Ref		
		$K2$		$K3$		
		q_{Fca}	q_{Fly}	q_{Fca}	q_{Fly}	q_{Fsi}
10 STR	Fsi Ref (n = 20)			0.010	0.008	0.982
	Fca Ref (n = 13)	0.989	0.011	0.990	0.005	0.005
	Fly Ref (n = 13)	0.007	0.993	0.007	0.988	0.005
	2200	0.011	0.989	0.008	0.986	0.006
	2207	0.091	0.909	0.057	0.882	0.062
	2208	0.009	0.991	0.007	0.989	0.005
29 STR	Fsi Ref (n = 20)			0.005	0.003	0.992
	Fca Ref (n = 13)	0.994	0.006	0.995	0.003	0.003
	Fly Ref (n = 13)	0.006	0.994	0.002	0.996	0.001
	2198	0.991	0.009	0.993	0.004	0.003
	2204	0.952	0.048	0.968	0.027	0.005
	2220	0.979	0.021	0.985	0.010	0.004
	2159	0.037	0.963	0.016	0.972	0.012
	2196	0.052	0.948	0.023	0.960	0.017
	2197	0.062	0.938	0.029	0.968	0.003
	2199	0.044	0.956	0.018	0.980	0.001
	2205	0.034	0.966	0.014	0.979	0.007
	2206	0.012	0.988	0.005	0.993	0.001
	2219	0.013	0.987	0.006	0.993	0.002
	2222	0.016	0.984	0.007	0.991	0.002
	2160	0.593	0.407	0.583	0.403	0.014
	2195	0.381	0.619	0.353	0.641	0.006
	2203	0.612	0.388	0.600	0.391	0.009
	2221	0.316	0.684	0.253	0.740	0.007