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Additional file 3. Genetic variation in the temporal samples after the removal of full-sib individuals

Genetic variation in the temporal samples after the removal of full-sib individuals (all samples are included but samples in bold have full-sibs removed). Observed (H_O) and expected (H_E) heterozygosity, inbreeding coefficient (F_{IS} , with significant values underlined) are reported.

Sample	H_O	H_E	$F_{IS\ OLD}$	F_{IS} no full-sibs
FIA2008	0.57896	0.65804	<u>0.116</u>	<u>0.115</u>
FIA2009	0.56272	0.66314	<u>0.140</u>	<u>0.140</u>
FIA2010	0.68795	0.71434	0.015	0.015
FIF2008	0.53108	0.64313	<u>0.153</u>	<u>0.153</u>
FIF2009	0.47757	0.61436	<u>0.202</u>	<u>0.202</u>
FIF2010	0.56730	0.65473	<u>0.128</u>	<u>0.128</u>
DKR2009	0.59758	0.69896	<u>0.146</u>	<u>0.126</u>
DKR2010	0.60993	0.68942	<u>0.092</u>	0.089
DKV2008	0.65147	0.76540	<u>0.126</u>	<u>0.114</u>
DKV2009	0.71428	0.77757	<u>0.076</u>	0.067
DKV2010	0.69450	0.72946	0.030	0.022
DKH2008	0.59607	0.67679	0.099	0.099
DKH2010	0.56731	0.72006	<u>0.189</u>	<u>0.187</u>
NET2009	0.58282	0.70370	<u>0.169</u>	<u>0.173</u>
NET2010	0.60589	0.68921	<u>0.124</u>	<u>0.122</u>
NET2011	0.61595	0.75168	<u>0.182</u>	<u>0.182</u>
UK2009	0.60609	0.79936	<u>0.242</u>	<u>0.242</u>
UK2010	0.66405	0.79743	<u>0.165</u>	<u>0.165</u>