

S1_Table. Samples analyzed in this study with their genetic variability statistics.

n, number of samples; *A*, number of alleles (average per locus); *Ar*, allelic richness; *Hs*, gene diversity.

Study number	Study site	Basin	Coordinates		Date of collection	<i>n</i>	<i>A</i>	<i>Ar</i>	<i>Hs</i>
			Latitude, N	Longitude, E					
1	Sobron Reservoir	Ebro River basin	42° 46'	-3° 07'	2010	8	48 (3.43)	2.14	0.53
2	Canal Imperial Aragón	Ebro River basin	41° 36'	-0° 51'	2011	8	50 (3.57)	2.33	0.61
3	Ribarroja Badia-Tucana Wharf	Ebro River basin	41° 14'	0° 25'	2011	8	46 (3.29)	2.16	0.54
4	Ribarroja Reservoir	Ebro River basin	41° 14'	0° 25'	2011	8	46 (3.29)	2.29	0.60
5	Delta of Ebro River	Ebro River basin	40° 42'	0° 49'	2010	8	50 (3.57)	2.31	0.60
6	La Baells Reservoir	Llobregat River basin	42° 07'	1° 53'	2012	8	43 (3.07)	2.06	0.50
TOTAL/AVERGE						48	67 (4.79)	2.21	0.56