

Table S1. List of accession numbers of COI sequences included in the phylogenetic analysis and their respective country of origin and species assignation.

Species	Country	Basin	Genbank Accession
Chub species			
<i>Squalius aradensis</i>	Portugal	Azilheira	KJ552321.1
<i>Squalius carolitertii</i>	Spain	Douro	KJ552252.1
<i>Squalius carolitertii</i>	Portugal	Lima	KJ552325.1
<i>Squalius cephalus</i>	France	Agly	KJ552094.1
<i>Squalius cephalus</i>	France	Brague	KJ552195.1
<i>Squalius cephalus</i>	France	Herault	KJ554557.1
<i>Squalius cephalus</i>	France	Agly	KJ554662.1
<i>Squalius cephalus</i>	France	Agly	KJ554858.1
<i>Squalius laietanus</i>	France	Massane	KC355019.1
<i>Squalius laietanus</i>	France	Tech	KC355024.1
<i>Squalius laietanus</i>	France	Tech	KJ552097.1
<i>Squalius laietanus</i>	Spain	Ebro	KJ552255.1
<i>Squalius laietanus</i>	Spain	Ebro	KJ552266.1
<i>Squalius laietanus</i>	Spain	Ebro	KJ552312.1
<i>Squalius malacitanus</i>	Spain	Guadaiza	KJ552250.1
<i>Squalius orpheus</i>	Greece	Kossynthos	KJ552254.1
<i>Squalius orpheus</i>	Bulgaria	Evros	KJ552350.1
<i>Squalius platyceps</i>	Greece	Aoos	KJ552207.1
<i>Squalius prespensis</i>	Greece	Prespa	KJ552141.1
<i>Squalius pyrenaicus</i>	Spain	Tagus	KJ552100.1
<i>Squalius pyrenaicus</i>	Portugal	Samarra	KJ552104.1
<i>Squalius pyrenaicus</i>	Spain	Tagus	KJ552131.1
<i>Squalius pyrenaicus</i>	Portugal	Samarra	KJ552297.1
<i>Squalius pyrenaicus</i>	Portugal	Samarra	KJ552345.1
<i>Squalius squalus</i>	Croatia	Mirna	KJ552151.1
<i>Squalius squalus</i>	Italy	Trigno	KJ552211.1
<i>Squalius torgalensis</i>	Portugal	Mira	KJ552331.1
<i>Squalius valentinus</i>	Spain	Turia	KJ552178.1
<i>Squalius vardarensis</i>	Greece	Pinios	KJ552158.1
<i>Squalius vardarensis</i>	Greece	Aliakmon	KJ552324.1
Outgroups			
<i>Alburnoides bipunctatus</i>	France	Loire	KC354963.1
<i>Chondrostoma nasus</i>	France	Loire	KC354964.1
<i>Leuciscus burdigalensis</i>	France	Agly	KC354965.1
<i>Leuciscus leuciscus</i>	France	Seine	KC354966.1
<i>Rutilus rutilus</i>	France	Adur	KC354967.1