

Table S1. List of sequences of *Lampetra fluviatilis* selected from GenBank. Accession number, voucher, origin and referenced study are indicated.

Accession Number	Voucher	Country of Origin	Source
EU596026	LFLUST1	Russia, Neva	[10]
EU596030	LFLUST5	Russia, Neva	[10]
EU596035	LFLUST10	Russia, Neva	[10]
EU596036	LFLUST11	Russia, Neva	[10]
EU596038	LFLUST13	Russia, Neva	[10]
EU596042	LFLUST17	Russia, Neva	[10]
EU596123	LPLAGI7	Germany, Rhine	[10]
EU596128	LPLAGI13	Germany, Rhine	[10]
EU596129	LPLAGI14	Germany, Rhine	[26]
EU596141	LPLAGI27	Germany, Rhine	[10]
EU596144	LPLAGI30	Germany, Rhine	[10]
EU404079	Lf104	Germany, Warnow	[22]
EU404080	Lf185	Germany, Elbe	[22]