

Supplementary Materials

Table S1. FishEthoScores for 41 farmed fish species available in the open access database FishEthoBase www.fishethobase.net.

Species name	Common name	FishEthoScore			Improvement Capacity	Domestication level
		Likelihood	Potential	Certainty	Potential - Likelihood	
<i>A. baerii</i> x <i>A. naccarii</i> , <i>A. naccarii</i> x <i>A. baerii</i>	Hybrid sturgeon	0	0	0	0	5
<i>Acipenser baerii</i>	Siberian sturgeon	1	1	0	0	5
<i>Acipenser gueldenstaedtii</i>	Russian sturgeon	0	1	2	1	4
<i>Acipenser naccarii</i>	Adriatic sturgeon	0	0	0	0	4
<i>Acipenser ruthenus</i>	Sterlet sturgeon	0	1	0	1	4
<i>Acipenser stellatus</i>	Stellate sturgeon	0	0	0	0	4
<i>Acipenser transmontanus</i>	White sturgeon	0	1	2	1	4
<i>Argyrosomus regius</i>	Meagre	0	1	3	1	4
<i>Clarias gariepinus</i>	African catfish	0	6	5	6	4
<i>Ctenopharyngodon idella</i>	Grass carp	0	1	0	1	5
<i>Cyprinus carpio</i>	Common carp	1	3	2	2	5
<i>Dentex dentex</i>	Common Dentex	0	1	2	1	4
<i>Dicentrarchus labrax</i>	European seabass	0	3	5	3	5
<i>Diplodus puntazzo</i>	Sharpsnout Seabream	0	0	0	0	2
<i>Gadus morhua</i>	Atlantic cod	1	2	4	1	4
<i>Hippoglossus hippoglossus</i>	Atlantic halibut	0	0	5	0	3
<i>Lates calcarifer</i>	Barramundi	0	0	2	0	4
<i>Litopenaeus vannamei</i>	Pacific whiteleg shrimp	0	2	3	2	4

<i>Lota lota</i>	Burbot	0	1	0	1	3
<i>Mugil cephalus</i>	Striped mullet	0	0	1	0	4
<i>Oncorhynchus masou</i>	Cherry salmon	0	0	1	0	5
<i>Oncorhynchus mykiss</i>	Rainbow trout	0	1	4	1	5
<i>Oreochromis niloticus</i>	Nile tilapia	3	8	6	5	5
<i>Pagrus pagrus</i>	Red Porgy	1	1	2	0	4
<i>Pangasianodon hypophthalmus</i>	Pangasius	0	0	0	0	3
<i>Penaeus monodon</i>	Giant tiger prawn	0	1	2	1	4
<i>Perca fluviatilis</i>	European perch	0	2	4	2	4
<i>Polyprion americanus</i>	Wreckfish	0	0	3	0	2
<i>Rachycentron canadum</i>	Cobia	1	1	1	0	4
<i>Salmo salar</i>	Atlantic salmon	1	2	3	1	5
<i>Salvelinus alpinus alpinus</i>	Arctic char	1	1	2	0	5
<i>Salvelinus fontinalis</i>	Brook trout	0	0	1	0	5
<i>Sander lucioperca</i>	Pikeperch	0	1	1	1	4
<i>Scophthalmus maximus</i>	Turbot	0	1	1	1	3
<i>Seriola dumerili</i>	Greater amberjack	1	3	2	2	2
<i>Seriola lalandi</i>	Yellowtail amberjack	4	4	4	0	2
<i>Solea senegalensis</i>	Senegalese sole	0	0	0	0	3
<i>Solea solea</i>	Dover sole	0	0	0	0	3
<i>Sparus aurata</i>	Gilthead seabream	0	1	3	1	5
<i>Thunnus maccoyii</i>	Southern bluefin tuna	1	2	3	1	3
<i>Thymallus thymallus</i>	Grayling	2	3	0	1	3



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