

Supplementary Table 3. Fish mRNA transcript contigs.

Common name	Scientific name	clade	most recent genome duplication	code	number of contigs	Number of different transcripts (mRNA contigs)														mis-classified	total	check
						PDGFAA	PDGFAB	PDGFBA	PDGFBB	PDGFC	PDGFD	VEGFAA	VEGFAB	PGFA	PGFB	VEGFBA	VEGFBB	VEGFC	VEGFD			
Bowfin	<i>Amia calva</i>	Amiiformes	VGD2	AAC	35064	0	1	0	1	1	1	3	0	0	1	1	0	2	1	0	12	12
Spotted gar	<i>Lepisosteus oculatus</i>	Lepisosteiformes	VGD2	BLO	41396	0	1	0	1	1	1	1	0	0	1	2	0	1	1	1	11	11
European eel	<i>Anguilla anguilla</i>	Anguilliformes	TGD	DAA	60263	1	1	0	0	2	1	3	0	0	1	2	0	3	1	0	15	15
Butterfly fish	<i>Pantodon buchholzi</i>	Osteoglossiformes	TGD	C2PB	44577	1	2	1	1	2	1	3	0	0	1	3	0	3	1	0	19	19
Arowana	<i>Osteoglossum bicirrhosum</i>	Osteoglossiformes	TGD	COB	55739	1	2	1	1	2	3	2	2	0	1	1	0	3	1	0	20	20
Elephantnose fish	<i>Ghnathonemus petersi</i>	Osteoglossiformes	TGD	B2GP	53423	1	1	0	1	2	1	1	2	0	1	4	0	2	1	1	18	18
Aliss shad	<i>Alosa alosa</i>	Clupeiformes	TGD	EAA	53363	1	1	1	0	0	1	2	3	0	1	1	0	3	0	1	15	15
Zebrafish	<i>Danio rerio</i>	Cypriniformes	TGD	FDR	48158	1	1	1	1	2	1	2	4	1	1	1	0	1	1	1	19	19
Panga	<i>Pangasius hypophthalmus</i>	Siluriformes	TGD	GPH	43013	2	0	1	1	1	1	3	3	0	2	2	0	1	4	2	23	23
Black ghost	<i>Apteronotus albifrons</i>	Gymnotiformes	TGD	A2AA	45356	1	1	1	1	1	1	3	3	0	1	1	0	1	1	1	17	17
Mexican tetra (cave)	<i>Astyanax mexicanus</i>	Characiformes	TGD	TAM	47729	1	1	2	1	1	2	2	3	0	1	1	0	1	2	1	19	19
Mexican tetra (surface)	<i>Astyanax mexicanus</i>	Characiformes	TGD	SAM	46670	1	1	2	1	1	2	4	3	0	1	2	0	1	1	1	21	21
Northern pike	<i>Esox lucius</i>	Esociformes	TGD	HEL	48567	1	1	1	0	1	2	1	3	0	2	1	0	2	1	0	16	16
Eastern mudminnow	<i>Umbra pygmae</i>	Esociformes	TGD	YUP	46381	1	1	0	1	1	2	1	3	0	0	1	0	1	1	0	13	13
Grayling	<i>Thymallus thymallus</i>	Salmoniformes	SaGD	ITT	67157	1	1	0	0	2	1	2	4	0	0	1	0	2	1	0	15	15
European whitefish	<i>Coregonus lavaretus</i>	Salmoniformes	SaGD	PCL	74701	1	1	0	1	1	1	1	3	0	1	1	0	2	1	0	14	14
American whitefish	<i>Coregonus clupeaformis</i>	Salmoniformes	SaGD	UCC	66996	1	1	0	1	0	2	1	4	0	1	1	0	1	1	1	15	15
Brown trout	<i>Salmo trutta</i>	Salmoniformes	SaGD	NST	75338	1	2	1	1	2	2	1	9	0	0	1	0	1	1	0	22	22
Rainbow trout	<i>Oncorhynchus mykiss</i>	Salmoniformes	SaGD	D2OM	78415	1	1	0	1	2	1	3	8	0	2	0	0	2	1	0	22	22
Brook trout	<i>Salvelinus fontinalis</i>	Salmoniformes	SaGD	QSF	69441	1	1	0	1	1	2	2	3	0	1	2	0	4	1	0	19	19
Sweetfish	<i>Pecoglossus altivelis</i>	Osmeriformes	TGD	ZPA	47484	1	1	1	0	1	1	1	2	0	2	1	0	3	1	1	16	16
Atlantic cod	<i>Gadus morhua</i>	Gadiformes	TGD	KGM	50564	1	1	0	1	0	0	1	4	0	3	0	0	0	1	0	12	12
Medaka	<i>Oryzias latipes</i>	Beloniformes	TGD	LOL	42186	0	1	1	1	1	1	0	4	0	1	1	0	2	1	1	15	15
European perch	<i>Perca fluviatilis</i>	Perciformes	TGD	MPF	49204	1	1	1	1	1	1	1	3	0	2	2	0	2	0	1	17	17