

Title: Accession numbers of the sequences used in the analyses.

Description: Non-genomic variants are derived from genbank, while genomic variants for chicken, zebrafish, medaka, torafugu and spotted green pufferfish are taken from ensembl release 49.

Animal	Species	Vtg	Accession #	
1	Atlantic halibut	<i>Hippoglossus hippoglossus</i>	<i>vtgAa</i>	ABQ58113
2	Atlantic halibut	<i>Hippoglossus hippoglossus</i>	<i>vtgAb</i>	ABQ58114
3	Atlantic herring	<i>Clupea harengus</i>	<i>vtgAc1</i>	FJ441000
4	Atlantic herring	<i>Clupea harengus</i>	<i>vtgAc2</i>	FJ441001
5	Atlantic herring	<i>Clupea harengus</i>	<i>vtgC</i>	FJ441002
6	Barfin flounder	<i>Verasper moseri</i>	<i>vtgAa</i>	AB181833
7	Barfin flounder	<i>Verasper moseri</i>	<i>vtgAb</i>	AB181834
8	Chicken	<i>Gallus gallus</i>	<i>vtgII</i>	GGVITIIG
9	Chicken	<i>Gallus gallus</i>	<i>vtgIII</i>	ENSGALP00000037938
10	Chicken	<i>Gallus gallus</i>	<i>vtgI</i>	D89547
11	Chinese minnow	<i>Phoxinus oxycephalus</i>	<i>vtgAo1</i>	EF639845
12	Common carp	<i>Cyprinus carpio</i>	<i>vtgAo2</i>	AB106873
13	Common carp	<i>Cyprinus carpio</i>	<i>vtgAo1</i>	AF414432
14	Common mummichog	<i>Fundulus heteroclitus</i>	<i>vtgAa</i>	U07055
15	Common mummichog	<i>Fundulus heteroclitus</i>	<i>vtgAb</i>	FHU70826
16	Conger eel	<i>Conger myriaster</i>	<i>vtgAe1</i>	AB185334
17	Cuckoo wrasse	<i>Labrus mixtus</i>	<i>vtgAa</i>	FJ456934
18	Cuckoo wrasse	<i>Labrus mixtus</i>	<i>vtgAb2</i>	FJ456935
19	Cuckoo wrasse	<i>Labrus mixtus</i>	<i>vtgC</i>	FJ456936
20	Fathead minnow	<i>Pimephales promelas</i>	<i>vtgAo1</i>	AF130354
21	Galaxy coral	<i>Galaxea fascicularis</i>	<i>vtg</i>	AB179781
22	Goldsinny wrasse	<i>Ctenolabrus rupestris</i>	<i>vtgAa</i>	EU011580
23	Goldsinny wrasse	<i>Ctenolabrus rupestris</i>	<i>vtgAb1</i>	EU011581
24	Goldsinny wrasse	<i>Ctenolabrus rupestris</i>	<i>vtgAb2</i>	FJ456929
25	Goldsinny wrasse	<i>Ctenolabrus rupestris</i>	<i>vtgC</i>	EU011582
26	Gray Mullet	<i>Mugil cephalus</i>	<i>vtgAa</i>	AB288932
27	Gray Mullet	<i>Mugil cephalus</i>	<i>vtgAb</i>	AB288933
28	Gray Mullet	<i>Mugil cephalus</i>	<i>vtgC</i>	AB288934
29	Green spotted puffer	<i>Tetraodon nigriviridis</i>	<i>vtgAa</i>	GIDT00021869001
30	Green spotted puffer	<i>Tetraodon nigriviridis</i>	<i>vtgAb</i>	GIDT00021869001
31	Green spotted puffer	<i>Tetraodon nigriviridis</i>	<i>vtgC</i>	GSCT00019545001
32	Günther's walking catfish	<i>Clarias macrocephalus</i>	<i>vtgAo1</i>	EU138884
33	Haddock	<i>Melanogrammus aeglefinus</i>	<i>vtgAa</i>	AF284035
34	Haddock	<i>Melanogrammus aeglefinus</i>	<i>vtgAb</i>	AF284034
35	Japanese eel	<i>Anguilla japonica</i>	<i>vtgAe1</i>	AY775788
36	Japanese eel	<i>Anguilla japonica</i>	<i>vtgAe2</i>	AY423445
37	Japanese eel	<i>Anguilla japonica</i>	<i>vtgAe3</i>	AY423444
38	Medaka	<i>Oryzias latipes</i>	<i>vtgAa1</i>	AB064320
39	Medaka	<i>Oryzias latipes</i>	<i>vtgAa2</i>	ENSORLESTP00000013001-7667-12994-12967-12953
40	Medaka	<i>Oryzias latipes</i>	<i>vtgAb</i>	AB074891
41	Medaka	<i>Oryzias latipes</i>	<i>vtgC</i>	ENSORLP00000008173
42	Mosquitofish	<i>Gambusia affinis</i>	<i>vtgAa</i>	AB181835
43	Mosquitofish	<i>Gambusia affinis</i>	<i>vtgAb</i>	AB181836
44	Mosquitofish	<i>Gambusia affinis</i>	<i>vtgC</i>	AB181837
45	Rainbow trout	<i>Oncorhynchus mykiss</i>	<i>vtgAsa</i>	X92804
46	Red seabream	<i>Pagrus major</i>	<i>vtgAa</i>	AB181838
47	Red seabream	<i>Pagrus major</i>	<i>vtgAb</i>	AB181839
48	Red seabream	<i>Pagrus major</i>	<i>vtgC</i>	AB181840
49	Rock cook	<i>Centrolabrus exoletus</i>	<i>vtgAa</i>	FJ456930
50	Rock cook	<i>Centrolabrus exoletus</i>	<i>vtgAb1</i>	FJ456931
51	Rock cook	<i>Centrolabrus exoletus</i>	<i>vtgAb2</i>	FJ456932
52	Rock cook	<i>Centrolabrus exoletus</i>	<i>vtgC</i>	FJ456933
53	Silver lamprey	<i>Ichthyomyzon unicuspis</i>	<i>vtg</i>	M88749
54	Three-spined stickleback	<i>Gasterosteus aculeatus</i>	<i>vtgAa</i>	ENSGACP00000012923
55	Three-spined stickleback	<i>Gasterosteus aculeatus</i>	<i>vtgAb</i>	ENSGACP00000012828-12856
56	Three-spined stickleback	<i>Gasterosteus aculeatus</i>	<i>vtgC</i>	ENSGACP00000012536
57	Torafugu	<i>Takifugu rubripes</i>	<i>vtgAa</i>	ENSTRUG00000017475
58	Torafugu	<i>Takifugu rubripes</i>	<i>vtgAb</i>	ENSTRUG00000017475
59	Torafugu	<i>Takifugu rubripes</i>	<i>vtgC</i>	ENSTRUP00000009572
60	White cloud mountain minnow	<i>Tanichthys albonubes</i>	<i>vtgAo1</i>	EF370398
61	White perch	<i>Morone americana</i>	<i>vtgAa</i>	AAZ17415
62	White perch	<i>Morone americana</i>	<i>vtgAb</i>	AAZ17416
63	White perch	<i>Morone americana</i>	<i>vtgC</i>	AAZ17417
64	White sturgeon	<i>Acipenser transmontanus</i>	<i>vtg</i>	U00455
65	Whitefish	<i>Coregonus lavaretus</i>	<i>vtgAsb</i>	AF454745
66	Whitefish	<i>Coregonus lavaretus</i>	<i>vtgAsb</i>	AF454746
67	Zebrafish	<i>Danio rerio</i>	<i>vtg1 (Ao1)</i>	AF406784
68	Zebrafish	<i>Danio rerio</i>	<i>vtg4 (Ao1)</i>	ENSДАРP00000072674
69	Zebrafish	<i>Danio rerio</i>	<i>vtg5 (Ao1)</i>	ENSДАРP00000061222
70	Zebrafish	<i>Danio rerio</i>	<i>vtg6 (Ao1)</i>	ENSДАРP00000095999
71	Zebrafish	<i>Danio rerio</i>	<i>vtg7 (Ao1)</i>	ENSДАРP00000072678
72	Zebrafish	<i>Danio rerio</i>	<i>vtg8 (Ao2)</i>	ENSДАРP00000072780
73	Zebrafish	<i>Danio rerio</i>	<i>vtg2 (Ao2)</i>	ENSДАРP00000061164
74	Zebrafish	<i>Danio rerio</i>	<i>vtg3 (C)</i>	AF254638