

**Supplementary Table S1: The teleost Pc orthologues**

		CBX2	CBX4	CBX6	CBX7	CBX8
<b>Dre</b>	Zebrafish ( <i>Danio rerio</i> )	cbx2 (Gene ID: 327291)	cbx4 (Gene ID: 573110)	cbx6a (Gene ID: 799294) cbx6b ( <a href="#">ENSDARG00000097543</a> )	cbx7a (Gene ID: 550551) cbx7b (Gene ID: 101882803)	cbx8a (Gene ID: 100150672) cbx8b (Gene ID: 799361)
<b>Cca</b>	Common carp ( <i>Cyprinus carpio</i> )	LOC109087174 LOC109046180	cbx4 (Gene ID: 109102575) LOC109092326 LOC109075587*	LOC109066300 LOC109066296 LOC109095357 LOC109053813*	LOC109100093 LOC109076671 LOC109061103	LOC109102576 LOC109092325 LOC109075586*
<b>Cau</b>	Goldfish ( <i>Carassius auratus</i> )	LOC113055003 LOC113067828 LOC113067392	cbx4 (Gene ID: 113050689) LOC113098321 LOC113052031 LOC113046661	LOC113065021 LOC113039859 LOC113046746 LOC113047918	LOC113047419 LOC113046823 LOC113111712 LOC113056054	LOC113052035 LOC113046660 LOC113098307 LOC113050690
<b>Sgr</b>	Golden-line barbel ( <i>Sinocyclocheilus grahami</i> )	LOC107571836 LOC107601561*	cbx4 (Gene ID: 107591927) LOC107553295 LOC107562304 LOC107559247	LOC107602318 LOC107585029 LOC107602676 LOC107576933*	LOC107584093 LOC107554058 LOC107602332	LOC107578989 LOC107559248 LOC107601979 / LOC107591932 LOC107553294
<b>Srh</b>	犀角金线鲃 ( <i>Sinocyclocheilus rhinoceros</i> )	LOC107718939 LOC107710978	cbx4 (Gene ID: 107710281) LOC107758118 LOC107736694*/LOC107728779* LOC107710010	LOC107720374 LOC107717667 LOC107710048 LOC107740604	LOC107734182 LOC107709653 LOC107748788 LOC107723608	LOC107758117 LOC107728583 LOC107710282 LOC107710028
<b>San</b>	安水金线鲃 ( <i>Sinocyclocheilus anshuiensis</i> )	LOC107696361 LOC107695690	cbx4 (Gene ID: 107701204) LOC107669529 LOC107690020 LOC107670662	LOC107667890 LOC107704552 LOC107690738 LOC107662367	LOC107695130 LOC107672137 LOC107692056 LOC107660863	cbx8 (Gene ID: 107701205) LOC107669528 LOC107670683 LOC107689994
<b>Cva</b>	Sheepshead minnow ( <i>Cyprinodon variegatus</i> )	LOC107089316 LOC107082907	cbx4 (Gene ID: 107085514) LOC107092841	cbx6 (Gene ID: 107090076)	LOC107092875 LOC107093081	LOC107092814 LOC107085518
<b>Xma</b>	Platyfish ( <i>Xiphophorus maculatus</i> )	LOC102229509 LOC102223386	cbx4 (Gene ID: 102230727) LOC102232224	cbx6 (Gene ID: 102234048)	LOC102225821 LOC102232562	cbx8 (Gene ID: 102230986) LOC102227807
<b>Pfo</b>	Amazon molly ( <i>Poecilia formosa</i> )	LOC103146900 LOC103147077	cbx4 (Gene ID: 103133063) LOC103141632	cbx6 (Gene ID: 103154832)	LOC103143382 LOC103153429	LOC103133078 LOC103141633
<b>Gaf</b>	Western mosquitofish ( <i>Gambusia affinis</i> )	cbx2 ( <a href="#">ENSGAFG000000004995</a> ) <a href="#">ENSGAFG000000015448</a>	cbx4 ( <a href="#">ENSGAFG000000020219</a> ) <a href="#">ENSGAFG000000007827</a>	<a href="#">ENSGAFG000000007822</a>	cbx7a ( <a href="#">ENSGAFG000000010693</a> ) cbx7b ( <a href="#">ENSGAFG000000008146</a> )	cbx8a ( <a href="#">ENSGAFG000000020216</a> )
<b>Pre</b>	Guppy ( <i>Poecilia reticulata</i> )	cbx2 (Gene ID: 103469046) LOC103481889	cbx4 (Gene ID: 103463659) LOC103469229	cbx6 (Gene ID: 108166384)	LOC103482006 LOC103468464	cbx8 (Gene ID: 103463651) LOC103469230
<b>Xco</b>	Monterrey platyfish ( <i>Xiphophorus couchianus</i> )	LOC114160441 LOC114152221	cbx4 (Gene ID: 114145263) LOC114160311	cbx6 (Gene ID: 114145658)	LOC114160060 LOC114151814	cbx8 (Gene ID: 114145391) LOC114160318
<b>Pla</b>	Sailfin molly ( <i>Poecilia latipinna</i> )	LOC106937812 LOC106943510	cbx4 (Gene ID: 106958633) LOC106957183	cbx6 (Gene ID: 106936647)	LOC106961268 LOC106961608	LOC106957191 LOC106958634
<b>Pme</b>	Shortfin molly ( <i>Poecilia mexicana</i> )	LOC106924748 LOC106914323	cbx4 (Gene ID: 106928181) LOC106904416	cbx6 (Gene ID: 106904597)	LOC106910083 LOC106933457	LOC106904421 LOC106928182
<b>Nfu</b>	Turquoise killifish ( <i>Nothobranchius furzeri</i> )	cbx2 (Gene ID: 107397219) LOC107387235	LOC107376532 LOC107395725	cbx6 (Gene ID: 107375179)	LOC107388224 LOC107376332	LOC107395726 LOC107376533
<b>Fhe</b>	Mummichog ( <i>Fundulus heteroclitus</i> )	cbx2 (Gene ID: 105932784) LOC105937668	cbx4 (Gene ID: 105940177) LOC105933040	cbx6a ( <a href="#">ENSFHEG000000010219</a> )	LOC105930863 LOC105917993	cbx8 (Gene ID: 105940179) LOC105933049
<b>Kma</b>	Mangrove rivulus ( <i>Kryptolebias marmoratus</i> )	cbx2 (Gene ID: 108237824) LOC108249256	cbx4 (Gene ID: 108245485) LOC108239245	cbx6 (Gene ID: 108231568)	LOC108236253 LOC108250439	LOC108228443 LOC108239259
<b>Mze</b>	Zebra mbuna ( <i>Maylandia zebra</i> )	LOC101465599	LOC101477503 LOC101467610	<a href="#">ENSMZEG000005006699</a>	cbx7 (Gene ID: 101468311) LOC101477848	cbx8 (Gene ID: 101477208) LOC101467917
<b>Oni</b>	Tilapia ( <i>Oreochromis niloticus</i> )	cbx2 (Gene ID: 100704060) LOC100695490	cbx4 (Gene ID: 100712470) <a href="#">ENSONIG000000017179</a>	cbx6 (Gene ID: 102077022)	cbx7 (Gene ID: 102076083) LOC100700457	cbx8 (Gene ID: 100712202) <a href="#">ENSONIG000000017182</a>
<b>Hbu</b>	Burton's mouthbrooder ( <i>Haplochromis burtoni</i> )	LOC102307411 LOC102302910	cbx4 (Gene ID: 102295423) LOC102309824	cbx6 (Gene ID: 102311013)	cbx7 (Gene ID: 102304092) LOC102302921	cbx8 (Gene ID: 102295731) LOC102309719* / LOC102309508
<b>Nbr</b>	Princess of Burundi ( <i>Neolamprologus brichardi</i> )	LOC102797064 LOC102782953	LOC102794988 LOC102784839	LOC102784197	LOC102778087 LOC102783421	LOC102790274 LOC102784560

<b>Pny</b>	Makobe Island cichlid ( <i>Pundamilia nyererei</i> )	cbx2 (Gene ID: 102192419)	LOC102215081 LOC102204981	cbx6 (Gene ID: 102193150)	cbx7 (Gene ID: 102210279) LOC102212884	cbx8 (Gene ID: 102214806) LOC102195395*
<b>Aca</b>	Eastern happy ( <i>Astatotilapia calliptera</i> )	cbx2 (Gene ID:113020225) LOC113027934	LOC113023624 LOC113020834	cbx6 (Gene ID:113024612)	LOC113027596 LOC113021152	cbx8 (Gene ID:113023623) LOC113020844
<b>Aci</b>	Midas cichlid ( <i>Amphilophus citrinellus</i> )	cbx2 (ENSACIG00000010758) ENSACIG00000023237	ENSACIG00000019976* ENSACIG00000021421*	cbx6a (ENSACIG00000003935*)	ENSACIG00000010051* ENSACIG00000021398*	cbx8a (ENSACIG00000021387) ENSACIG00000019984*
<b>Tru</b>	Japanese puffer ( <i>Takifugu rubripes</i> )	LOC101075336 LOC101071244*	LOC101076082 LOC101075073	cbx6 (Gene ID: 101072963)	LOC101070872 LOC101079131	cbx8 (Gene ID: 101076311) LOC101068461
<b>Tni</b>	Tetraodon ( <i>Tetraodon nigroviridis</i> )	cbx2 (ENSTNIG000000011276) ENSTNIG00000003572	cbx4 (ENSTNIG000000017994) ENSTNIG00000004608	cbx6a (ENSTNIG00000018842)	cbx7a (ENSTNIG00000006270) cbx7b (ENSTNIG00000012945)	Cbx8a (ENSTNIG00000017995) ENSTNIG00000004609
<b>Mmo</b>	Ocean sunfish ( <i>Mola mola</i> )	cbx2 (ENSMMOG00000020204*) ENSMMOG00000009201	ENSMMOG00000006960* ENSMMOG00000007637*	cbx6a (ENSMMOG00000011204)	cbx7b (ENSMMOG00000003559) ENSMMOG00000002654*	cbx8a (ENSMMOG00000007636)
<b>Lcr</b>	Large yellow croaker ( <i>Larimichthys crocea</i> )	cbx2 (Gene ID: 104923389) LOC104928297	cbx4 (Gene ID: 104921555) LOC104918816	cbx6 (Gene ID: 104925448)	LOC104932065 LOC104918881	cbx8 (Gene ID: 104921554) LOC113747116
<b>Pfl</b>	Yellow perch ( <i>Perca flavescens</i> )	cbx2 (Gee ID: 114569523) LOC114548436	cbx4 (Gene ID: 114546081) LOC114569420 <sup>£</sup>	cbx6 (Gene ID: 114569708)	cbx7 (Gene ID: 114548596) LOC114570306	cbx8 (Gene ID: 114569533) LOC114569420 <sup>£</sup>
<b>Sdu</b>	Greater amberjack ( <i>Seriola dumerili</i> )	LOC111237087 LOC111217430	cbx4 (Gene ID: 111218007) LOC111227040	cbx6 (Gene ID: 111216565)	cbx7 (Gene ID: 111219914) LOC111230359	cbx8 (Gene ID: 111217943) LOC111227041
<b>Sla</b>	Yellowtail amberjack ( <i>Seriola lalandi dorsalis</i> )	LOC111655533* LOC111664318	LOC111667573 LOC111655477	LOC111673425 <sup>5</sup>	LOC111646103 LOC111647569	cbx8 (Gene ID: 111655455) LOC111667559
<b>Lbe</b>	Ballan wrasse ( <i>Labrus bergylta</i> )	LOC114919638 LOC109989300*	LOC109999250 LOC109985836	cbx6 (Gene ID: 109991257)	cbx7 (Gene ID: 109992249) LOC110004121	cbx8 (Gene ID: 109992444) LOC109985837
<b>Cgo</b>	Channel bull blenny ( <i>Cottoperca gobio</i> )	LOC115005214 LOC115012765	cbx4 (Gene ID: 115013642) LOC115012777	cbx6 (Gene ID: 115005610*)	LOC115012745 LOC115024515	cbx8 (Gene ID: 115013830) LOC115012434
<b>Ena</b>	Live sharksucker ( <i>Echeneis naucrates</i> )	cbx2 (Gene ID: 115047492) LOC115059891	LOC115047550 LOC115044326	cbx6 (Gene ID: 115044595)	cbx7 (Gene ID: 115060227) LOC115047474	LOC115045432 LOC115047560
<b>Pra</b>	Indian glassy fish ( <i>Parambassis ranga</i> )	cbx2 (Gene ID: 11444058) LOC114452074	cbx4 (Gene ID: 114436730) LOC114439615	cbx6 (Gene ID: 114439322)	LOC114437794 LOC114439674	cbx8 (Gene ID: 114436737) LOC114439616
<b>Lca</b>	Barramundi perch ( <i>Lates calcarifer</i> )	LOC108874733 LOC108874388	cbx4 (Gene ID: 108884566) LOC108879647	cbx6 (Gene ID: 108887174)	LOC108877652 LOC108889108	Cbx8 (Gene ID: 108884564) LOC108879657
<b>Spa</b>	Bicolor damselfish ( <i>Stegastes partitus</i> )	cbx2 (Gene ID: 103356360) LOC103370168	cbx4 (Gene ID: 103372324) LOC103361728	cbx6 (Gene ID: 103368006)	cbx7 (Gene ID: 103376032) LOC103373459	cbx8 (Gene ID: 103372326) LOC103361729
<b>Apo</b>	Spiny chromis ( <i>Acanthochromis polyacanthus</i> )	LOC110965974 LOC110948480	cbx4 (Gene ID: 110963665) LOC110961503	cbx6a (ENSAPOG00000013333)	LOC110954475 LOC110969764	LOC110961504 LOC110963666 / LOC110953509
<b>Aoc</b>	Clown anemonefish ( <i>Amphiprion ocellaris</i> )	LOC111568440 LOC111562895	LOC111577364 LOC111577320	cbx6a (ENSAOCG00000009696)	cbx7 (Gene ID: 111574404) LOC111570338	LOC111577361 LOC111577322
<b>Ape</b>	Orange clownfish ( <i>Amphiprion percula</i> )	cbx2 (ENSAPEG00000019197) ENSAPEG00000010635	cbx4 (ENSAPEG00000011118*) ENSAPEG00000015378 ENSAPEG000000011123*	cbx6a (ENSAPEG00000009256)	cbx7a (ENSAPEG00000011936) cbx7b (ENSAPEG00000020659)	cbx8a (ENSAPEG00000011079) ENSAPEG00000015391
<b>Nco</b>	Black rockcod ( <i>Notothenia coriiceps</i> )	cbx2 (Gene ID: 104943133)* LOC104963701	cbx4 (Gene ID: 104965337) <sup>£</sup> LOC104943130*	LOC104966035*	LOC104968319* LOC104958407*	Gene ID: 104965337 <sup>£</sup> cbx8 (Gene ID: 104943131)
<b>Cse</b>	Tongue sole ( <i>Cynoglossus semilaevis</i> )	LOC103382231 LOC103392533	LOC103384237 LOC103393067	cbx6 (Gene ID: 103383217)	LOC103382143 LOC103393332	LOC103384236 LOC103393068
<b>Sma</b>	Turbot ( <i>Scophthalmus maximus</i> )	cbx2 (ENSSMAG00000012696)	cbx4 (ENSSMAG00000014969) ENSSMAG00000011638	cbx6a (ENSSMAG00000021207*)	cbx7a (ENSSMAG00000006170) cbx7b (ENSSMAG00000006575)	cbx8a (ENSSMAG00000014960) ENSSMAG00000011628
<b>Ame</b>	Mexican cavefish ( <i>Astyanax mexicanus</i> )	cbx2 (Gene ID: 103045429)	cbx4 (Gene ID: 103045489) LOC103031044 LOC111194212	LOC103038090 cbx6b (ENSAMXG00000031801)	cbx7 (Gene ID: 103045301) LOC103030095	LOC103044980 LOC103029671
<b>Pna</b>	Red-bellied piranha ( <i>Pygocentrus nattereri</i> )	cbx2 (Gene ID: 108433500)	cbx4 (Gene ID: 108424718) LOC108432204 LOC108410419	cbx6 (Gene ID: 108436630) LOC108413245	cbx7 (Gene ID: 108413508) LOC108441212	cbx8 (Gene ID: 108424812) LOC108432169
<b>Mar</b>	Zig-zag eel ( <i>Mastacembelus armatus</i> )	LOC113135962 LOC113141452	cbx4 (Gene ID: 113128646) LOC113141280	cbx6 (Gene ID: 113127975)	LOC113135651 LOC113141587	LOC113141197 LOC113128878

<b>Mal</b>	Swamp eel ( <i>Monopterus albus</i> )	LOC109962840 LOC109969680	cbx4 (Gene ID: 109957911) LOC109969469	cbx6 (Gene ID: 109951608)	LOC109952690 LOC109952654	cbx8 (Gene ID: 109958030) LOC109969470
<b>Ate</b>	Climbing perch ( <i>Anabas testudineus</i> )	LOC113156830 LOC113158311	cbx4 (Gene ID: 113162586) LOC113155158	cbx6a ( <a href="#">ENSATEG00000003501</a> )	cbx7 (Gene ID: 113155821) LOC113152693	cbx8 (Gene ID: 113162656) LOC113155165
<b>Bsp</b>	Siamese fighting fish ( <i>Betta splendens</i> )	LOC114845447 LOC114861130	cbx4 (Gene ID: 114846950) LOC114860475	cbx6 (Gene ID: 114870514)	LOC114846206 LOC114860262	LOC114860488 LOC114847134
<b>Gwi</b>	Blunt-snouted clingfish ( <i>Gouania willdenowi</i> )	LOC114481946 LOC114468341*	LOC114469338 LOC114468810	cbx6 (Gene ID: 114466377) LOC114459779	LOC114467897 LOC114481622	cbx8 (Gene ID: 114471454) LOC114468472
<b>Pma</b>	<i>Periophthalmus magnuspinnatus</i>	<a href="#">ENSPMGG00000018267*</a> <a href="#">ENSPMGG00000007479</a>	cbx4 ( <a href="#">ENSPMGG00000020462</a> ) <a href="#">ENSPMGG00000010294*</a>	cbx6a ( <a href="#">ENSPMGG00000019149</a> )	<a href="#">ENSPMGG00000017778*</a>	<a href="#">ENSPMGG00000010296*</a>
<b>Sfa</b>	Jewelled blenny ( <i>Salarias fasciatus</i> )	LOC115392810 LOC115385554 LOC115385547	cbx4 (Gene ID: 115390982) LOC115386984	cbx6 (Gene ID: 115389716)	LOC115387617 LOC115392998	cbx8 (Gene ID: 115390143) LOC115386985
<b>Ola</b>	Medaka ( <i>Oryzias latipes</i> )	cbx2 (Gene ID: 100125497) LOC101172611	cbx4 (Gene ID: 101158167) LOC101160166	cbx6a ( <a href="#">ENSORLGG00000025101</a> )	LOC101163772 LOC101168624	cbx8 (Gene ID: 101157915) LOC101160413
<b>Gac</b>	Stickleback ( <i>Gasterosteus aculeatus</i> )	cbx2 ( <a href="#">ENSGACG00000014410</a> ) <a href="#">ENSGACG00000010130</a>	cbx4 ( <a href="#">ENSGACG00000011731</a> ) <a href="#">ENSGACG00000018219</a>	cbx6a ( <a href="#">ENSGACG00000019854</a> ) <sup>§</sup>	cbx7a ( <a href="#">ENSGACG00000007724</a> )	cbx8a ( <a href="#">ENSGACG00000011737</a> ) <a href="#">ENSGACG00000018216</a>
<b>Hco</b>	Tiger tail seahorse ( <i>Hippocampus comes</i> )	cbx2 (Gene ID: 109527817) LOC109518595	LOC109527525 LOC109522747	cbx6 (Gene ID: 109511478)	cbx7 (Gene ID: 109512097) LOC109527051	LOC109522748 LOC109527520
<b>Pki</b>	Elephantfish ( <i>Paramormyrops kingsleyae</i> )	LOC111855945	cbx4 (Gene ID: 111833586) LOC111843199	LOC111845190 cbx6b ( <a href="#">ENSPKIG00000001275</a> )	cbx7 (Gene ID: 111845235) LOC111846417	cbx8 (Gene ID: 111833462) LOC111843316
<b>Sfo</b>	Asian bonytongue ( <i>Scleropages formosus</i> )	LOC114909229* LOC108932946	cbx4 (Gene ID: 108939836) LOC108937346	CBX6 ( <a href="#">ENSSF0G00015032962</a> ) LOC108938841	cbx7 (Gene ID: 108939814)	cbx8 (Gene ID: 108939914) LOC108936948
<b>Gmo</b>	Cod ( <i>Gadus morhua</i> )	cbx2 ( <a href="#">ENSGMOG00000013005</a> ) <a href="#">ENSGMOG00000008628*</a>	cbx4 ( <a href="#">ENSGMOG00000011295</a> ) <a href="#">ENSGMOG00000003065</a>	<a href="#">ENSGMOG00000009785*<sup>§</sup></a>	cbx7b ( <a href="#">ENSGMOG00000013491</a> )	cbx8a ( <a href="#">ENSGMOG00000011305</a> ) <a href="#">ENSGMOG00000013071</a>
<b>lpu</b>	Channel catfish ( <i>Ictalurus punctatus</i> )	cbx2 (Gene ID: 108272989)	cbx4 (Gene ID: 108273333) LOC108260285	LOC108260787 LOC108259424	LOC108273000 LOC108273945	cbx8 (Gene ID: 108272375) LOC108261002
<b>Eel</b>	Electric eel ( <i>Electrophorus electricus</i> )	LOC113568410	LOC113578871 LOC113573270	LOC113569862 LOC113585732	LOC113574891 LOC113588928	cbx8 (Gene ID: 113578829) LOC113573271
<b>Cha</b>	Atlantic herring ( <i>Clupea harengus</i> )	cbx2 (Gene ID: 105898869)	cbx4 (Gene ID: 105892293) LOC105891371	cbx6 (Gene ID: 105912870)* LOC105903838	LOC105888811 LOC105897974	cbx8 (Gene ID: 105892295) LOC116220815
<b>Dcl</b>	Denticle herring ( <i>Denticeps clupeoides</i> )	cbx2 (Gene ID: 114794490)	cbx4 (Gene ID: 114786797) LOC114793848 <sup>£</sup>	LOC114786320	cbx7 (Gene ID: 114795196) LOC114793357	cbx8 (Gene ID: 114786798) LOC114793848 <sup>£</sup>
<b>Elu</b>	Northern pike ( <i>Esox lucius</i> )	cbx2 (Gene ID: 105022926) LOC105027558	cbx4 (Gene ID: 105021558) LOC105013028	<a href="#">ENSELUG00000020955</a>	cbx7 (Gene ID: 105025077) LOC105025793 /LOC114834378*	cbx8 (Gene ID: 105021557) LOC105013027
<b>Ssa</b>	Atlantic salmon ( <i>Salmo salar</i> )	LOC106612095 LOC106586561* LOC106606958 LOC106606946 LOC106589865	LOC106606687 LOC106588430 LOC106564893	cbx6 (Gene ID: 106591466) LOC106564427* LOC106595625* LOC106604985*	LOC106608943 LOC106589529 LOC106607170 LOC106601246	cbx8 (Gene ID: 106588425) LOC106564894 LOC106606673 LOC106601767* LOC106596252*
<b>Omy</b>	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	LOC110538562 LOC110486592 LOC110502771 LOC110499438	cbx4 (Gene ID: 110485970) LOC110493691 LOC110486813 LOC110486808	cbx6 (Gene ID: 110485591) LOC110536509* <sup>§</sup>	LOC110538378 LOC110486408 LOC110499099 LOC110502860	cbx8 (Gene ID: 110485969) LOC110519423 LOC110493689 LOC110486816 LOC110486815* LOC110486809*
<b>Oki</b>	Coho salmon ( <i>Oncorhynchus kisutch</i> )	LOC109898685 LOC109879638 LOC109870514 LOC109899149	cbx4 (Gene ID: 109865985) LOC109894654 LOC109887742 LOC109882827	cbx6 (Gene ID: 109884207)	cbx7 (Gene ID: 109899160) LOC109898530 LOC109870400	LOC109889501 LOC109882830 LOC109882828* LOC109866077
<b>Sal</b>	Arctic char ( <i>Salvelinus alpinus</i> )	LOC111977406 LOC112077672 LOC112073971 LOC112070653	LOC111956774 LOC111953935 LOC111950939* LOC112069120	cbx6 (GeneID: 112069553)	LOC111977976 LOC111967894 LOC112075019 LOC112071830	LOC111956622 LOC111954549

Hhu	Huchen ( <i>Hucho hucho</i> )	cbx2 (ENSHHUG00000026817) ENSHHUG00000050943 ENSHHUG00000045610 ENSHHUG00000028893	cbx4 (ENSHHUG00000045583) ENSHHUG00000007216 ENSHHUG00000045521 ENSHHUG00000050487	cbx6 (ENSHHUG00000007276) cbx6a (ENSHHUG00000051753)	ENSHHUG00000038356 ENSHHUG00000052693 cbx7b (ENSHHUG00000042715) ENSHHUG00000046898	cbx8a (ENSHHUG00000045580) ENSHHUG00000007201 cbx8b (ENSHHUG00000050484)
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NCBI gene symbols in black or Ensembl entries in blue are indicated for 689 genes coding for Pc orthologues identified in 68 teleost species

- <sup>o</sup> indicates a pseudogene
- <sup>\*</sup> indicates that gene predictions generate an incomplete cDNA (coding for a protein lacking the entire or part of the chromodomain or the Pc box)
- <sup>£</sup> indicates that gene predictions generate a cbx4-cbx8 fusion gene
- <sup>§</sup> indicates that gene predictions generate a fusion gene between cbx6-like and nptxr-like neighboring genes