Supplementary Table S3. Domain composition of homologues of APC/C subunits and adaptors/co-activators. Domain presence was determined according to the Pfam database. A "-" indicates the absence of conserved domain in the corresponding protein. Empty cells indicate that no homologue of the protein has been detected in the corresponding genome. Profile accession numbers: APC10 (PF03256.7), zf-C3HC4 (PF00097.15), APC2 (PF08672.1), Cullin (PF00888.12), PC_rep (PF01851.12), APC8 (PF04049.4) and WD40 (PF00400.22). Profiles corresponding to TPR domains are either TPR_1 (PF00515.18), TPR_2 (PF07719.7) or TPR_4 (PF07721.5).

			Core subunits																Co-activators						
			Catalytic arm			Structural complex			TPR arm and associated proteins									Unknown	Mitosis co-activators			Meiotic co-activator			
			Apc10	Apc11	Apc2	Apc1	Apc4	Apc5	Apc8	Apc6	Apc3	Apc7	Apc12	Apc13	Apc16	Apc9	Apc15	Apc14	Cdc20	Cdh1	uncertain	Mfr1	Ama1	Rap	Cortex
Opisthokonta	Choanoflagellata	*Monosiga brevicollis*	APC10		APC2/Cullin	PC_rep	-		APC8/TPR	TPR	TPR	TPR							WD40	WD40					
		Salpingoeca rosetta	APC10		Cullin	PC_rep			APC8/TPR	TPR	TPR								WD40	WD40					
	Metazoa	*Trichoplax adhaerens*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR		-					WD40	WD40					
		Homo sapiens	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-	-				WD40	WD40					
		Danio rerio	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-	-				WD40	WD40					
		Branchiostoma floridae	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Drosophila melanogaster	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40				WD40	WD40
		Lottia gigantea	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Apis mellifera	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Caenorhabditis elegans	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
		Brugia malayi	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Nematostella vectensis	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
		Helobdella robusta	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR		-						WD40					
		Daphnia pulex	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR		-					WD40	WD40					
	Capsaspora	*Capsaspora owczarzaki*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR		TPR	TPR							WD40	WD40					
	Fungi	*Cryptococcus neoformans*	APC10	zf-C3HC4	-	PC_rep	-	-	APC8/TPR	TPR	TPR								WD40	WD40					
		Ustilago maydis	APC10	zf-C3HC4	-	PC_rep	-	-	APC8/TPR	TPR	TPR								WD40	WD40					
		Aspergillus fumigatus	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR		-	-					WD40	WD40			WD40		
		Schizosaccharomyces pombe	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR		-	-			Apc15p	-	WD40	WD40		WD40	WD40		
		Saccharomyces cerevisiae	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR		-	-		-	Apc15p		WD40	WD40			WD40		
		Neurospora crassa	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR		-	-					WD40	WD40			WD40		
		Encephalitozoon cuniculi	APC10			PC_rep			TPR	TPR	TPR								WD40		WD40				
		Enterocytozoon bieneusi H348	APC10	zf-C3HC4		PC_rep				TPR	TPR								WD40	WD40					
		Nosema ceranae BRL01	APC10			PC_rep			TPR	TPR	TPR								WD40	WD40					
		Encephalitozoon intestinalis ATCC 50506	APC10			PC_rep			TPR	TPR	TPR								WD40		WD40				
		Batrachochytrium dendrobatidis	APC10	zf-C3HC4	Cullin	PC_rep		-	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
		Spizellomyces punctatus		zf-C3HC4	APC2/Cullin	PC_rep	-		APC8/TPR	TPR	TPR	TPR							WD40	WD40					
Apusozoa		*Thecamonas trahens*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR								WD40	WD40					
Amoebozoa		*Dictyostelium discoideum*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Entamoeba histolytica	APC10	zf-C3HC4		PC_rep															WD40				
Excavata	Metamonada	*Giardia intestinalis*		zf-C3HC4																					
		Trichomonas vaginalis	APC10	zf-C3HC4	Cullin	PC_rep			APC8/TPR	TPR	TPR	TPR									WD40				
	Euglenozoa	*Leishmania major*	APC10	zf-C3HC4	Cullin	PC_rep			TPR	TPR	TPR								WD40						
		Leishmania infantum	APC10	zf-C3HC4	Cullin	PC_rep			TPR	TPR	TPR								WD40						
		Trypanosoma cruzi	APC10	zf-C3HC4	Cullin	PC_rep			TPR	TPR	TPR								WD40						
		Trypanosoma brucei	APC10	zf-C3HC4	APC2/Cullin	PC_rep			TPR	TPR	TPR								WD40						
	Heterolobosoa	*Naegleria gruberi*	APC10		APC2/Cullin	PC_rep			TPR	TPR	TPR								WD40	WD40					
Alveolata	Ciliata	*Tetrahymena thermophila*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-		APC8/TPR	TPR	TPR								WD40	WD40					
		Paramecium tetraurelia	APC10	zf-C3HC4	Cullin	PC_rep	-		APC8/TPR	TPR	TPR								WD40	WD40					
		Oxytricha trifallax	APC10	zf-C3HC4	APC2/Cullin	PC_rep			TPR	TPR	TPR									WD40					
	Apicomplexa	*Plasmodium yoelii*	APC10	zf-C3HC4							TPR										WD40				
		Plasmodium falciparum	APC10	zf-C3HC4							TPR										WD40				
		Cryptosporidium hominis		zf-C3HC4		PC_rep			APC8/TPR	TPR	TPR									WD40					
		Babesia bovis																							
		Theileria annulata																							
		Toxoplasma gondii	APC10	zf-C3HC4		PC_rep																			
Heterokonta	Blastocystae	*Blastocystis hominis*	APC10						TPR	TPR									WD40						
	Phaeophyceae	*Ectocarpus siliculosus*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	TPR	TPR	TPR	TPR							WD40	WD40					
	Oomycota	*Phytophthora ramorum*	APC10	zf-C3HC4	Cullin			-	APC8/TPR	TPR	TPR	TPR	-						WD40	WD40					
		Phytophthora infestans	APC10		APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Thalassiosira pseudonana	APC10	zf-C3HC4	APC2/Cullin	PC_rep		TPR	TPR		TPR	TPR		-					WD40	WD40					
	Bacillariophyta	*Phaeodactylum tricornutum*	APC10	zf-C3HC4	APC2/Cullin				APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Aureococcus anophagefferens	APC10		APC2/Cullin			-	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
Plantae	Viridiplantae	*Oryza sativa*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR		-					WD40	WD40					
		Arabidopsis thaliana	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR	-	-					WD40	WD40					
		Chlamydomonas reinhardtii	APC10	zf-C3HC4	Cullin	PC_rep	-		APC8/TPR	TPR	TPR			-					WD40	WD40					
		Ostreococcus tauri	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
		Ostreococcus lucimarinus	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	TPR	TPR	TPR			-					WD40						
		Physcomitrella patens	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	-	APC8/TPR	TPR	TPR	TPR		-					WD40	WD40					
		Chlorella vulgaris	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR								WD40	WD40					
		Micromonas pusilla	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR		-					WD40	WD40					
		Selaginella moellendorffii	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-	TPR	APC8/TPR	TPR	TPR	TPR							WD40	WD40					
	Rhodophyta	*Cyanidioschyzon merolae*	APC10	zf-C3HC4	APC2/Cullin	PC_rep			APC8/TPR	TPR	TPR								WD40	WD40					
		Galdieria sulphuraria	APC10	zf-C3HC4	APC2/Cullin	PC_rep			TPR	TPR	TPR								WD40	WD40					
Haptophyta		*Emiliania huxleyi*	APC10	zf-C3HC4	APC2/Cullin	PC_rep	-		APC8/TPR	TPR	TPR								WD40	WD40					