

Supplementary information

Structures of outer-arm dynein array on microtubule doublet reveal a motor coordination mechanism

In the format provided by the authors and unedited

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Supplementary Table 1: A summary of OAD subunits.

Subunit name (this paper)	Gene Model Identifier	TGD standard name	MW (KDa)	Uniprot ID	MS (significant matches)	Orthologues in <i>C.reinhardtii</i> (Uniprot ID)
α-HC	TTHERM_01276420	DYH3	534	Q22A67	1598	γ-HC (Q39575)
β-HC	TTHERM_00499300	DYH4	530	I7M9J2	1635	β-HC (Q39565)
γ-HC	TTHERM_00486600	DYH5	475	I7M6H4	1518	α-HC (Q39610)
IC2	TTHERM_00487150	DIC2	78	I7M008	280	IC1 (Q39578)
IC3	TTHERM_00079230	DIC3	77	Q23FU1	397	IC2 (P27766)
LC7-a	TTHERM_00348650	N/A	15	I7MHB1	72	LC7a (AAD45881)
LC7-b	TTHERM_00030210	LC7B	12	Q22MV2	73	LC7b (EDP03034)
LC8-1b	TTHERM_00716250	LC10	12	I7MCM8	25	LC10 (EDP00562)
LC8-1a	TTHERM_00449029	DLC82	11	A4VE64	37	LC8 (Q39580)
LC8-2b	TTHERM_00023950	N/A	12	Q22R86	29	
LC8-2a	TTHERM_00971840	LC8E	11	Q24DI9	15	
LC8-3b	TTHERM_000442909	N/A	13	W7XJB1	36	
LC8-3a	TTHERM_01079060	N/A	10	Q24CE5	39	
Tctex-a	TTHERM_00392979	N/A	13	A4VEB3	16	LC9 (DAAZ95589)
Tctex-b	N/A	N/A	14	Q1HGH8	22	
LC3BL	TTHERM_00149859	N/A	13	A4VD75	44	LC3 (Q39592)
LC1	TTHERM_00334290	LC1	22	I7M1N7	88	LC1 (AAD41040)
LC4A	TTHERM_01075620	LC4A	18	Q22C78	21	LC4 (Q39584)
α-tubulin	TTHERM_00558620	ATU1	49	I7M9N6	7	TUA1 (Q540H1)
β-tubulin	TTHERM_00836580	BTU2	49	Q24B92	11	TUB1 (A8IXZ0)