

		Tubulin													Bacilli		archaeal FtsZ-like			FtsZ				
		BtubA				BtubB				Alpha		Beta		Gamma	Epsilon	Delta	TubZ	RepX	Hal3	Hal4	Hal5	Pva	Pdb	
		Pdb A2	Pdb A1	Pdj	Pva	Pdb B2	Pdb B1	Pdj	Pva	Pte	Ddi	Ddi	Pte	Ddi	Hsa	Hsa	Bth	Bce						
Tubulin	BtubA	Pdb A2	100																					
		Pdb A1	82	100																				
		Pdj	81	94	100																			
		Pva	81	92	93	100																		
	BtubB	Pdb B2	35	37	35	37	100																	
		Pdb B1	37	37	36	38	88	100																
		Pdj	35	37	34	36	90	95	100															
		Pva	36	37	36	37	84	90	90	100														
Alpha	Pte	39	40	41	40	44	43	43	42	100														
	Ddi	37	37	38	39	43	42	41	42	71	100													
Beta	Ddi	38	37	37	38	41	41	41	41	44	44	100												
	Pte	37	37	38	38	41	41	41	40	45	43	79	100											
Gamma	Ddi	29	31	30	31	38	38	38	38	37	37	37	36	100										
Epsilon	Hsa	31	30	29	29	36	35	35	34	36	34	37	37	31	100									
Delta	Hsa	22	21	23	22	23	23	22	23	24	24	24	24	23	27	100								
Bacilli	TubZ	Bth	14	13	13	13	15	13	14	14	12	13	14	13	11	11	11	100						
	RepX	Bce	10	11	12	12	11	12	12	11	12	11	11	11	11	14	12	13	100					
archaeal FtsZ-like	FtsZ3	Hal	17	18	19	18	16	16	16	16	16	17	18	14	15	13	17	12	100					
	FtsZ4	Hal	17	18	19	19	20	18	19	17	17	16	17	17	17	15	16	12	41	100				
	FtsZ5	Hal	15	16	16	16	14	14	13	14	12	11	13	13	12	14	10	13	16	31	25	100		
FtsZ	Pva	15	16	17	17	15	14	14	15	11	13	14	14	15	15	15	15	11	12	19	18	17	100	
	Pdb	16	17	17	18	15	15	15	14	12	13	15	17	17	15	15	14	11	19	19	15	80	100	

Table S2. Sequence identities within the Tubulin/FtsZ superfamily.