

**Supplemental Table S3. Proteins used for Figure 4.**

Tripartite Attachment Complex	Basal Body	Transition Zone	Central Pair	Radial Spokes	Microtubule Inner Proteins	Ruler	Dynein Regulatory Complex	Docking Complex	Dynein Heavy Chain	Intraflagellar Transport	Flagellar Connector
Tb927.4.1610 <sup>1</sup>	Tb927.1.3560 <sup>6</sup>	Tb927.3.1420 <sup>10</sup>	Tb927.1.2670 <sup>11</sup>	Tb927.3.2890 <sup>12</sup>	Tb927.3.1060 <sup>13</sup>	Tb927.8.8200 <sup>15</sup>	Tb927.5.500 <sup>16</sup>	Tb927.8.4400 <sup>20</sup>	Tb927.2.5270 <sup>21</sup>	Tb927.3.1110 <sup>22</sup>	Tb927.1.2710 <sup>26</sup>
Tb927.5.830 <sup>2</sup>	Tb927.5.2440 <sup>6</sup>	Tb927.4.2400 <sup>10</sup>	Tb927.10.13960 <sup>11</sup>	Tb927.3.3690 <sup>12</sup>	Tb927.3.2310 <sup>14</sup>	Tb927.10.11250 <sup>15</sup>	Tb927.5.2270 <sup>16</sup>	Tb927.5.1900 <sup>20</sup>	Tb927.3.930 <sup>21</sup>	Tb927.3.3000 <sup>22</sup>	Tb927.3.4960 <sup>26</sup>
Tb927.7.2390 <sup>3</sup>	Tb927.7.3410 <sup>7</sup>	Tb927.5.4470 <sup>10</sup>		Tb927.7.6910 <sup>12</sup>	Tb927.5.2950 <sup>13</sup>		Tb927.6.5030 <sup>16</sup>	Tb927.7.5660 <sup>20</sup>	Tb927.4.560 <sup>21</sup>	Tb927.3.5490 <sup>23</sup>	Tb927.8.940 <sup>26</sup>
Tb927.7.5700 <sup>2</sup>	Tb927.7.6250 <sup>6</sup>	Tb927.7.750 <sup>10</sup>		Tb927.8.810 <sup>12</sup>	Tb927.8.4640 <sup>13</sup>		Tb927.8.5020 <sup>16</sup>	Tb927.11.16090 <sup>20</sup>	Tb927.4.870 <sup>21</sup>	Tb927.3.5550 <sup>22</sup>	Tb927.8.7540 <sup>26</sup>
Tb927.10.15750 <sup>4</sup>	Tb927.7.6840 <sup>6</sup>	Tb927.9.4640 <sup>10</sup>		Tb927.11.1150 <sup>12</sup>	Tb927.9.9940 <sup>14</sup>		Tb927.9.15050 <sup>17</sup>		Tb927.7.920 <sup>21</sup>	Tb927.6.3100 <sup>24</sup>	Tb927.10.890 <sup>26</sup>
Tb927.11.3290 <sup>5</sup>	Tb927.8.1080 <sup>7</sup>	Tb927.9.8490 <sup>10</sup>		Tb927.11.13020 <sup>12</sup>	Tb927.10.7690 <sup>13</sup>		Tb927.10.6350 <sup>16</sup>		Tb927.8.3250 <sup>21</sup>	Tb927.6.3290 <sup>23</sup>	Tb927.11.1340 <sup>26</sup>
	Tb927.8.6070 <sup>8,9</sup>	Tb927.10.7000 <sup>10</sup>		Tb927.11.13690 <sup>12</sup>	Tb927.11.1430 <sup>13</sup>		Tb927.10.7880 <sup>16</sup>		Tb927.10.5350 <sup>21</sup>	Tb927.7.3370 <sup>22</sup>	Tb927.11.8150 <sup>26</sup>
	Tb927.10.2860 <sup>6</sup>	Tb927.10.11840 <sup>10</sup>		Tb927.11.18680 <sup>12</sup>			Tb927.11.3360 <sup>18</sup>		Tb927.11.2430 <sup>21</sup>	Tb927.10.450 <sup>22</sup>	
	Tb927.10.5990 <sup>6</sup>	Tb927.10.12130 <sup>10</sup>					Tb927.11.7240 <sup>19</sup>		Tb927.11.3250 <sup>21</sup>	Tb927.10.1170 <sup>23</sup>	
	Tb927.10.7600 <sup>6</sup>	Tb927.11.380 <sup>10</sup>					Tb927.11.7940 <sup>16</sup>		Tb927.11.8160 <sup>21</sup>	Tb927.10.2640 <sup>22</sup>	
	Tb927.10.10690 <sup>6</sup>	Tb927.11.5750 <sup>10</sup>					Tb927.11.10430 <sup>16</sup>		Tb927.11.11220 <sup>21</sup>	Tb927.10.11310 <sup>23</sup>	
	Tb927.10.14110 <sup>6</sup>	Tb927.11.16640 <sup>10</sup>								Tb927.10.14980 <sup>23</sup>	
	Tb927.11.6560 <sup>6</sup>									Tb927.10.14990 <sup>23</sup>	
	Tb927.11.8860 <sup>6</sup>									Tb927.11.1740 <sup>23</sup>	
	Tb927.11.8920 <sup>6</sup>									Tb927.11.16830 <sup>25</sup>	
	Tb927.11.11650 <sup>6</sup>										
	Tb927.11.13700 <sup>6</sup>										

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