

Accession	Label	Strain	Experiment	Time points	Correlation r
GSM315848	Recil.lp.T0.1	nd7 F2 1A5a	Ciliogenesis	control	0.93 – 0.97
GSM315902	Recil.lp.T0.2	nd7 F2 1A5a	Ciliogenesis	control	
GSM315903	Recil.lp.T0.3	nd7 F2 1A5a	Ciliogenesis	control	
GSM315904	Recil.lp.T0.4	nd7 F2 1A5a	Ciliogenesis	control	
GSM365277	Recil.st.T0.1	nd7 F2 1A5a	Ciliogenesis	control	0.84 – 0.95
GSM315907	Recil.lp.T30.1	nd7 F2 1A5a	Ciliogenesis	early	
GSM315908	Recil.lp.T30.2	nd7 F2 1A5a	Ciliogenesis	early	
GSM365280	Recil.st.T45.1	nd7 F2 1A5a	Ciliogenesis	early	
GSM365281	Recil.st.T45.2	nd7 F2 1A5a	Ciliogenesis	early	0.86 – 0.94
GSM315905	Recil.lp.T120.1	nd7 F2 1A5a	Ciliogenesis	late	
GSM315906	Recil.lp.T120.2	nd7 F2 1A5a	Ciliogenesis	late	
GSM365278	Recil.st.T130.1	nd7 F2 1A5a	Ciliogenesis	late	
GSM365279	Recil.st.T130.2	nd7 F2 1A5a	Ciliogenesis	late	0.88 – 0.94
GSM447185	Trich.T0.1	7s d4-2 self VB mt7-2A	Exocytosis	control	
GSM447191	Trich.T0.3	7s d4-2 self VB mt7-2A	Exocytosis	control	
GSM447194	Trich.T0.4	7s d4-2 self VB mt7-2A	Exocytosis	control	
GSM447186	Trich.T40.1	7s d4-2 self VB mt7-2A	Exocytosis	early	0.90 – 0.95
GSM447189	Trich.T40.2	7s d4-2 self VB mt7-2A	Exocytosis	early	
GSM447192	Trich.T40.3	7s d4-2 self VB mt7-2A	Exocytosis	early	
GSM447195	Trich.T40.4	7s d4-2 self VB mt7-2A	Exocytosis	early	
GSM447187	Trich.T210.1	7s d4-2 self VB mt7-2A	Exocytosis	late	0.89 – 0.97
GSM447190	Trich.T210.2	7s d4-2 self VB mt7-2A	Exocytosis	late	
GSM447193	Trich.T210.3	7s d4-2 self VB mt7-2A	Exocytosis	late	
GSM447196	Trich.T210.4	7s d4-2 self VB mt7-2A	Exocytosis	late	
GSM450349	A1.V.1	51 new	Autogamy	vegetative	0.95 – 0.98
GSM450355	A1.V.2	51 new	Autogamy	vegetative	
GSM450430	A2K.V	51 new	Autogamy	vegetative	
GSM450408	A3.V	51 new	Autogamy	vegetative	
GSM450350	A1.S.1	51 new	Autogamy	meiosis	0.88 – 0.99
GSM450356	A1.S.2	51 new	Autogamy	meiosis	
GSM450431	A2K.0	51 new	Autogamy	meiosis	
GSM450409	A3.S	51 new	Autogamy	meiosis	
GSM450351	A1.0.1	51 new	Autogamy	fragmentation	0.87 – 0.99
GSM450357	A1.0.2	51 new	Autogamy	fragmentation	
GSM450433	A2K.7.5	51 new	Autogamy	fragmentation	
GSM450411	A3.0	51 new	Autogamy	fragmentation	
GSM450352	A1.5.1	51 new	Autogamy	dev1	0.93 – 0.99
GSM450358	A1.5.2	51 new	Autogamy	dev1	
GSM450412	A3.5	51 new	Autogamy	dev1	
GSM450353	A1.11.1	51 new	Autogamy	dev2	
GSM450359	A1.11.2	51 new	Autogamy	dev2	0.97 – 0.99
GSM450434	A2K.19.5	51 new	Autogamy	dev2	
GSM450354	A1.20.1	51 new	Autogamy	dev3	
GSM450360	A1.20.2	51 new	Autogamy	dev3	
GSM450413	A3.15	51 new	Autogamy	dev3	0.91 – 0.98

Table S1. Microarrays