Table S2. Strain list

Strain	Genotype	Plasmid	Reference
CX7465	cwn-2(ok895) IV; lin-15(n765) X; kyEx902[cwn-2 genomic::SL2::GFP, lin-15(+)]	pJRK20	
CX8072	lin-15(n765) X; kyEx902[cwn-2 genomic::SL2::GFP, lin-15(+)]	pJRK20	
CX8504	cwn-2(ok895) IV; kyEx1464[elt-2::cwn-2, 100ng/uL, odr-1::RFP 50ng/uL]	pJRK27	
CX8392	cwn-2(ok895) IV; kyEx1380[myo-2::cwn-2, 100ng/uL, odr-1::RFP 50ng/uL]	pJRK22	
CX8391	cwn-2(ok895) IV; kyEx1379[slt-1::cwn-2, 100ng/uL, odr-1::RFP 50ng/uL]	pJRK28	
CX7762	cwn-2(ok895) IV; kyEx1183[myo-3::cwn-2, 100ng/uL, odr-1::RFP 50ng/uL]	pJRK21	
CX8381	cwn-2(ok895) IV; kyEx1369[hsp-16.41::cwn-2, 100ng/uL, odr-1::RFP 50ng/uL]	pJRK23	
CX10087	cam-1(gm122) II; gmIs18 X; kyEx2285[pSP50 60ng/uL, ofm-1::dsRED 25ng/uL]	pSP50	Francis et al., 2005
CX10088	cam-1(gm122) II; gmIs18 X; kyEx2286[pDM109, 50ng/uL, odr-1::RFP 30ng/uL]	pDM109	Francis et al., 2005
CX10464	cam-1(gm122) II; gmIs18 X; kyEx2541[cam-1A::cam-1A, 1ng/uL, odr-1::RFP 50ng/uL]	pJRK76	
CX10454	cam-1(gm122) II; gmIs18 X; kyEx2533[cam-1B::cam-1B, 1ng/uL, odr-1::RFP 50ng/uL]	pJRK80	
CX10449	cam-1(gm122) II; gmIs18 X; kyEx2531[cam-1C::cam-1C, 5ng/uL, odr-1::RFP 50ng/uL]	pJRK84	
CX10478	cam-1(gm122) II; gmIs18 X; kyEx2543[cam-1A::cam-1C, 1ng/uL, odr-1::RFP 50ng/uL]	pJRK78	
CX10477	cam-1(gm122) II; gmIs18 X; kyEx2542[unc-119::cam-1A, 1ng/uL, ofm-1::dsRED 25ng/uL]	pJRK97	
CX10797	cam-1(gm122) II; gmIs18 X; kyEx2765[ceh-24::cam-1A, 20ng/uL, ofm-1::dsRED 25ng/uL]	pJRK102	
CX11010	cam-1(gm122) II; gmIs18 X; kyEx2881[mig-1::cam-1A, 20ng/uL, ofm-1::dsRED 25ng/uL]	pJRK101	
CX10999	cam-1(gm122) II; gmIs18 X; kyEx2877[cwn-2::cam-1A, 1ng/uL, ofm-1::dsRED 25ng/uL]	pJRK103	
CX11000	cam-1(gm122) II; gmIs18 X; kyEx2878[cwn-2::cam-1A, 1ng/uL, ofm-1::dsRED 25ng/uL]	pJRK103	
CX10898	cam-1(gm122) II; gmIs18 X; kyEx2815[nsy-5::cam-1A, 5ng/uL, ofm-1::dsRED 25ng/uL]	pJRK96	
CX10948	cam-1(gm122) II; gmIs18 X; kyEx2849[ncs-1::cam-1A, 5ng/uL, ofm-1::dsRED 25ng/uL]	pJRK98	
CX10855	kyEx2796[ceh-24::GFP, 20ng/uL, odr-1::RFP 50ng/uL]	pJRK105	
CX12132	mig-1(e1787) I; kyEx2796[ceh-24::GFP, 20ng/uL, odr-1::RFP 50ng/uL]	pJRK105	
CX11171	cfz-2(ok1201) V; kyEx2796[ceh-24::GFP, 20ng/uL, odr-1::RFP 50ng/uL]	pJRK105	
CX11101	cam-1(gm122) II; kyEx2796[ceh-24::GFP, 20ng/uL, odr-1::RFP 50ng/uL]	pJRK105	
CX10858	sax-3(ky123) gmIs18 X; kyEx2797[ceh-24::sax-3, 20ng/uL, ofm-1::dsRED 25ng/uL]	pJRK119	
CX10909	sax-3(ky123) gmIs18 X; kyEx2822[ceh-24::sax-3, 20ng/uL, ofm-1::dsRED 25ng/uL]	pJRK119	
CX12031	ced-3(n717) IV; kyEx3294[ceh-24::egl-1, 2.5ng/uL, pSM, 25ng/uL, elt-2::mcherry, 1ng/uL]	pJRK134	
CX12665	cwn-2(ky756) ced-3(n717) IV; kyEx3294[ceh-24::egl-1, 2.5ng/uL, pSM, 25ng/uL, elt-2::mcherry, 1ng/uL]	pJRK134	
CX12206	mig-1(e1787) I; cam-1(gm122) II; gmIs18 X; kyEx2285[pSP50 60ng/uL, ofm-1::dsRED 25ng/uL]	pSP50	Francis et al., 2005
CX12668	mig-1(e1787) I; cam-1(ks52) II; kyEx3400 [ceh-24::mig-1A 5ng/uL, ofm-1::dsRED 25ng/uL]	pJRK135	
CX10483	cam-1(gm122) II; sax-3(ky200) gmIs18 X; kyEx2285[pSP50 60ng/uL, ofm-1::dsRED 25ng/uL]	pSP50	Francis et al., 2005
CX11126	cfz-2(ok1201) V; gmIs18 X; kyEx2940[ceh-24::cfz-2 20ng/uL, ofm-1::dsRED, 25ng/uL]	pJRK129	
CX11125	cfz-2(ok1201) V; gmIs18 X; kyEx2939[ceh-24::cfz-2 20ng/uL, ofm-1::dsRED, 25ng/uL]	pJRK129	
CX12667	kyIs510 II; kyEx3399 [cam-1A::mCherry, 50ng/uL]	pJRK85	
CX12666	kyIs510 II; cwn-2(ky756) IV; kyEx3398 [cam-1A::mCherry, 50ng/uL]	pJRK85	
CX11133	kyEx2942[mig-1::myrGFP, 20ng/uL, ofm-1::dsRED 25ng/uL]	pJRK109	
CX11186	cwn-2(ky756) IV; kyEx2942[mig-1::myrGFP, 20ng/uL, ofm-1::myrGFP, 25ng/uL]	pJRK109	
CX10878	kyIs510 II	pJRK106	
NG3146	gmIs18 X	pTF1	Lai and Garriga, 2004
CX6232	slt-1(eh15) gmIs18 X		
CX6654	sax-3(ky200) gmIs18 X		
CX7134	cwn-2(ky736) IV; gmIs18 X		
CX7135	cwn-2(ky756) IV; gmIs18 X		
CX7192	cwn-2(ok895) IV; gmIs18 X		
CX7715	cam-1(gm122) II; gmIs18 X		
CX8224	cfz-2(ok1201) V; gmIs18 X		
CX8245	lin-17(n677) I; gmIs18 X		
CX8244	lin-18(e620) gmIs18 X		
CX9175	mig-1(e1787) I; gmIs18 X		
CX7615	cam-1(gm122) II; cwn-2(ky756) IV; gmIs18 X		
CX8266	cfz-2(ok1201) V; cwn-2(ky756) IV; gmIs18 X		
CX8505	cfz-2(ok1201) V; cam-1(gm122) II; gmIs18 X		
CX8929	lin-17(n677) I; cfz-2(ok1201) V; gmIs18 X		
CX9169	mig-1(e1787) I; cfz-2(ok1201) V; gmIs18 X		
CX9168	mig-1(e1787) I; cam-1(gm122) II; gmIs18 X		
CX9474	cwn-1(ok546) II; gmIs18 X		
CX9674	lin-44(n1792) I; gmIs18 X		
CX9366	lin-44(n1792) I; cwn-1(ok546) II; gmIs18 X		
CX9681	lin-44(n1792) I; cwn-2(ky756) IV; gmIs18 X		
CX9130	cwn-1(ok546) II; cwn-2(ky756) IV; gmIs18 X		
CX10068	lin-44(n1792) I; cwn-1(ok546) II; egl-20(n585) IV; gmIs18 X		
CX8717	cam-1(ks52) II; gmIs18 X		
CX10871	mig-1(e1787) I; cam-1(ks52) II; gmIs18 X		
CX11032	mig-13(mu225) gmIs18 X		
CX11093	cam-1(ks52) II; mig-13(mu225) gmIs18 X		
CX10129	cam-1(ks52) II; sax-3(ky200) gmIs18 X		
CX10897	cam-1(ks52) II; cfz-2(ok1201) V; gmIs18 X		
CX12669	lin-17(n677) I; cam-1(ks52) II; gmIs18 X		
CX8908	cam-1(ks52) II; lin-18(e620) gmIs18 X		
EU452	mom-5(zu193) unc-13(e1091) / hT2 I; + / hT2[bli-4(e937) let-? (h661)] III		
CX10479	cam-1(gm122) II; sax-3(ky200) gmIs18 X		
MT1522	ced-3(n717) IV		
CX7424	cwn-2(ky756) IV; akIs3[nmr-1::GFP] V		
VM484	akIs3[nmr-1::GFP] V		

Reference
Lai, T. and Garriga, G. (2004). The conserved kinase UNC-51 acts with VAB-8 and UNC-14 to regulate axon outgrowth in C. elegans. *Development* **131**, 5991-6000.