

**Table S1. 708 genes required for fertility or cell communication were targeted by RNAi and assessed for DTC plexus defects.**

Gene WB ID	Gene Public Name	Sequence Name
WBGene00001303	<i>emo-1</i>	F32D8.6
WBGene00004915	<i>snr-2</i>	W08E3.1
WBGene00004807	<i>skr-1</i>	F46A9.5
WBGene00004422	<i>rpl-11.1</i>	T22F3.4
WBGene00006701	<i>ubc-1</i>	C35B1.1
WBGene00021133	<i>tomm-22</i>	W10D9.5
WBGene00004919	<i>snr-6</i>	Y49E10.15
WBGene00007355	<i>rpb-6</i>	C06A1.5
WBGene00003806	<i>npp-20</i>	Y77E11A.13
WBGene00003076	<i>lsm-1</i>	F40F8.9
WBGene00004454	<i>rpl-41</i>	C09H10.2
WBGene00012187	<i>rpb-11</i>	W01G7.3
WBGene00004916	<i>snr-3</i>	T28D9.10
WBGene00003162	<i>mdh-2</i>	F20H11.3
WBGene00001748	<i>gsp-2</i>	F56C9.1
WBGene00009966	<i>F53B7.3</i>	F53B7.3
WBGene00000142	<i>aos-1</i>	C08B6.9
WBGene00004390	<i>rnp-7</i>	K04G7.10
WBGene00002061	<i>ife-3</i>	B0348.6
WBGene00019823	<i>fnra-1</i>	R02D3.5
WBGene00001502	<i>ftt-2</i>	F52D10.3
WBGene00000865	<i>cyb-1</i>	ZC168.4
WBGene00021714	<i>cyh-1</i>	Y49F6B.1
WBGene00010794	<i>LLC1.3</i>	LLC1.3
WBGene00003825	<i>ntl-2</i>	B0286.4
WBGene00003803	<i>npp-17</i>	F10G8.3
WBGene00022742	<i>ZK430.7</i>	ZK430.7
WBGene00006793	<i>unc-59</i>	W09C5.2
WBGene00004180	<i>pri-1</i>	F58A4.4
WBGene00001558	<i>gdi-1</i>	Y57G11C.10
WBGene00019211	<i>H18N23.2</i>	H18N23.2
WBGene00006863	<i>gyg-1</i>	F56B6.4
WBGene00006540	<i>tbg-1</i>	F58A4.8
WBGene00008920	<i>eef-1G</i>	F17C11.9
WBGene00004721	<i>san-1</i>	ZC328.4
WBGene00006373	<i>syx-5</i>	F55A11.2
WBGene00005078	<i>src-2</i>	F49B2.5
WBGene00001431	<i>fkf-6</i>	F31D4.3
WBGene00018991	<i>F56F11.4</i>	F56F11.4
WBGene00001168	<i>eef-1A.1</i>	F31E3.5
WBGene00020930	<i>hlh-30</i>	W02C12.3
WBGene00001039	<i>drj-21</i>	T19B4.4
WBGene00004914	<i>snr-1</i>	Y116A8C.42
WBGene00001911	<i>his-37</i>	C50F4.7
WBGene00000209	<i>asg-1</i>	K07A12.3
WBGene00003065	<i>lpd-9</i>	T21C9.5
WBGene00003989	<i>pfn-1</i>	Y18D10A.20
WBGene00004452	<i>rpl-38</i>	C06B8.8
WBGene00019947	<i>htz-1</i>	R08C7.3
WBGene00020931	<i>W02D3.1</i>	W02D3.1
WBGene00012357	<i>W09D6.4</i>	W09D6.4
WBGene00012216	<i>W02D9.10</i>	W02D9.10
WBGene00021293	<i>Y25C1A.6</i>	Y25C1A.6
WBGene00012553	<i>cco-2</i>	Y37D8A.14
WBGene00015810	<i>C16A3.5</i>	C16A3.5
WBGene00012550	<i>Y37D8A.10</i>	Y37D8A.10
WBGene00006725	<i>ubl-1</i>	H06I04.4
WBGene00004821	<i>skr-15</i>	F54D10.1
WBGene00009712	<i>F44G4.2</i>	F44G4.2
WBGene00017772	<i>clcc-1</i>	F25B4.9

WBGene00004438	<i>rpl-25.1</i>	F55D10.2
WBGene00007974	<i>dhfr-1</i>	C36B1.7
WBGene00004816	<i>skr-10</i>	Y105C5B.13
WBGene00006583	<i>tnc-2</i>	ZK673.7
WBGene00010678	<i>K08F4.3</i>	K08F4.3
WBGene00000516	<i>cki-1</i>	T05A6.1
WBGene00018793	<i>F54C4.1</i>	F54C4.1
WBGene00006917	<i>vha-8</i>	C17H12.14
WBGene00001234	<i>EIF-6</i>	C47B2.5
WBGene00006715	<i>ubc-20</i>	F40G9.3
WBGene00007019	<i>mdt-19</i>	Y71H2B.6
WBGene00014086	<i>ZK809.3</i>	ZK809.3
WBGene00000804	<i>csc-1</i>	Y48E1B.12
WBGene00013094	<i>Y51H1A.3</i>	Y51H1A.3
WBGene00000293	<i>cap-2</i>	M106.5
WBGene00001229	<i>EIF-3.F</i>	D2013.7
WBGene00006374	<i>syx-4</i>	T01B11.3
WBGene00005018	<i>sqt-3</i>	F23H12.4
WBGene00019767	<i>rpa-2</i>	M04F3.1
WBGene00011883	<i>T21B10.1</i>	T21B10.1
WBGene00004698	<i>rsp-1</i>	W02B12.3
WBGene00004306	<i>ran-5</i>	R12C12.2
WBGene00004705	<i>rsp-8</i>	C18D11.4
WBGene00010556	<i>rack-1</i>	K04D7.1
WBGene00012484	<i>car-1</i>	Y18D10A.17
WBGene00007777	<i>C27D8.1</i>	C27D8.1
WBGene00001031	<i>dnj-13</i>	F54D5.8
WBGene00011510	<i>T05H10.6</i>	T05H10.6
WBGene00001394	<i>fat-2</i>	W02A2.1
WBGene00011831	<i>T19B10.2</i>	T19B10.2
WBGene00015413	<i>C04C3.3</i>	C04C3.3
WBGene00008452	<i>mrps-5</i>	E02A10.1
WBGene00021038	<i>W05F2.6</i>	W05F2.6
WBGene00003230	<i>mex-5</i>	W02A2.7
WBGene00003831	<i>nuo-1</i>	C09H10.3
WBGene00008338	<i>C55A6.9</i>	C55A6.9
WBGene00018963	<i>ucr-1</i>	F56D2.1
WBGene00013260	<i>rsr-2</i>	Y57A10A.19
WBGene00015296	<i>C01F1.1</i>	C01F1.1
WBGene00009448	<i>zfp-2</i>	F35H8.3
WBGene00010304	<i>clpf-1</i>	F59A2.4
WBGene00001582	<i>gfi-2</i>	K02A11.1
WBGene00017716	<i>F22F4.1</i>	F22F4.1
WBGene00006796	<i>unc-62</i>	T28F12.2
WBGene00001340	<i>etr-1</i>	T01D1.2
WBGene00002226	<i>klp-16</i>	C41G7.2
WBGene00017895	<i>vrk-1</i>	F28B12.3
WBGene00014095	<i>ZK829.4</i>	ZK829.4
WBGene00003052	<i>lmn-1</i>	DY3.2
WBGene00004980	<i>spk-1</i>	B0464.5
WBGene00011480	<i>T05E11.3</i>	T05E11.3
WBGene00010279	<i>letm-1</i>	F58G11.1
WBGene00006914	<i>vha-5</i>	F35H10.4
WBGene00002027	<i>hsr-9</i>	T05F1.6
WBGene00003473	<i>mtl-1</i>	K11G9.6
WBGene00020297	<i>T07A9.9</i>	T07A9.9
WBGene00003474	<i>mtl-2</i>	T08G5.10
WBGene00000447	<i>ceh-24</i>	F55B12.1
WBGene00020636	<i>T20H4.5</i>	T20H4.5
WBGene00004788	<i>sft-4</i>	C54H2.5
WBGene00004887	<i>smn-1</i>	C41G7.1
WBGene00003920	<i>par-5</i>	M117.2
WBGene00000099	<i>air-2</i>	B0207.4
WBGene00022455	<i>Y110A7A.4</i>	Y110A7A.4
WBGene00008505	<i>F01G4.6</i>	F01G4.6
WBGene00003779	<i>nob-1</i>	Y75B8A.2
WBGene00006433	<i>sdhb-1</i>	F42A8.2
WBGene00000250	<i>bir-2</i>	C50B8.2

WBGene00001948	<i>hlh-1</i>	B0304.1
WBGene00000406	<i>cdk-4</i>	F18H3.5
WBGene00000933	<i>dap-3</i>	C14A4.2
WBGene00013737	<i>tpst-1</i>	Y111B2A.15
WBGene00001250	<i>elt-2</i>	C33D3.1
WBGene00013981	<i>ZK507.6</i>	ZK507.6
WBGene00004010	<i>pha-1</i>	Y48A6C.5
WBGene00000871	<i>cye-1</i>	C37A2.4
WBGene00002050	<i>ifa-1</i>	F38B2.1
WBGene00006595	<i>top-1</i>	M01E5.5
WBGene00001093	<i>drp-1</i>	T12E12.4
WBGene00004374	<i>rme-2</i>	T11F8.3
WBGene00003020	<i>lin-35</i>	C32F10.2
WBGene00003577	<i>ndg-4</i>	F56F3.2
WBGene00003476	<i>mtm-3</i>	T24A11.1
WBGene00003813	<i>nrf-6</i>	C08B11.4
WBGene00000383	<i>cdc-14</i>	C17G10.4
WBGene00000837	<i>cul-2</i>	ZK520.4
WBGene00000585	<i>cogc-2</i>	C06G3.10
WBGene00020064	<i>kbp-1</i>	R13F6.1
WBGene00004823	<i>skr-17</i>	C06A8.4
WBGene00018998	<i>flap-1</i>	F57B9.7
WBGene00002068	<i>ify-1</i>	C27A2.3
WBGene00001486	<i>frh-1</i>	F59G1.7
WBGene00015842	<i>C16C8.4</i>	C16C8.4
WBGene00020466	<i>T12F5.1</i>	T12F5.1
WBGene00007623	<i>C16C10.2</i>	C16C10.2
WBGene00009442	<i>F35G12.5</i>	F35G12.5
WBGene00022851	<i>ZK1127.4</i>	ZK1127.4
WBGene00016381	<i>sgo-1</i>	C33H5.15
WBGene00008380	<i>D1054.14</i>	D1054.14
WBGene00020392	<i>knl-3</i>	T10B5.6
WBGene00019678	<i>K12H4.3</i>	K12H4.3
WBGene00020073	<i>sdz-28</i>	R52.1
WBGene00010353	<i>H02I12.5</i>	H02I12.5
WBGene00001040	<i>dnj-22</i>	T23B12.7
WBGene00022852	<i>ZK1127.5</i>	ZK1127.5
WBGene00007110	<i>B0035.11</i>	B0035.11
WBGene00015146	<i>abi-1</i>	B0336.6
WBGene00004465	<i>rpn-9</i>	T06D8.8
WBGene00018893	<i>tag-345</i>	F55F8.5
WBGene00015943	<i>tiar-1</i>	C18A3.5
WBGene00004985	<i>spo-11</i>	T05E11.4
WBGene00011142	<i>R08D7.1</i>	R08D7.1
WBGene00019400	<i>K04G7.1</i>	K04G7.1
WBGene00009701	<i>egg-3</i>	F44F4.2
WBGene00006735	<i>ula-1</i>	C26E6.8
WBGene00018037	<i>chtl-1</i>	F35C8.7
WBGene00009035	<i>F22B3.4</i>	F22B3.4
WBGene00011747	<i>sna-2</i>	T13F2.7
WBGene00007444	<i>C08F8.2</i>	C08F8.2
WBGene00003788	<i>npp-2</i>	T01G9.4
WBGene00001513	<i>gad-1</i>	T05H4.14
WBGene00020375	<i>T09B4.1</i>	T09B4.1
WBGene00002034	<i>htp-3</i>	F57C9.5
WBGene00018890	<i>F55F8.2</i>	F55F8.2
WBGene00019883	<i>met-2</i>	R05D3.11
WBGene00001134	<i>eat-3</i>	D20I3.5
WBGene00022855	<i>tcer-1</i>	ZK1127.9
WBGene00010093	<i>capg-2</i>	F55C5.4
WBGene00001005	<i>dlc-1</i>	T26A5.9
WBGene00017926	<i>F29C4.2</i>	F29C4.2
WBGene00022357	<i>kbp-4</i>	Y92C3B.1
WBGene00000235	<i>baf-1</i>	B0464.7
WBGene00001235	<i>elb-1</i>	Y41C4A.10
WBGene00009734	<i>F45G2.8</i>	F45G2.8
WBGene00013605	<i>Y95D11A.1</i>	Y95D11A.1
WBGene00004482	<i>rps-13</i>	C16A3.9

WBGene00006708	<i>ubc-13</i>	Y54G2A.31
WBGene00006713	<i>ubc-18</i>	R01H2.6
WBGene00016249	<i>C30C11.1</i>	C30C11.1
WBGene00004479	<i>rps-10</i>	D1007.6
WBGene00004483	<i>rps-14</i>	F37C12.9
WBGene00004430	<i>rpl-18</i>	Y45F10D.12
WBGene00004429	<i>rpl-17</i>	Y48G8AL.8
WBGene00010579	<i>K05C4.2</i>	K05C4.2
WBGene00022043	<i>Y65B4BR.8</i>	Y65B4BR.8
WBGene00004813	<i>skr-7</i>	Y47D7A.1
WBGene00015164	<i>ykt-6</i>	B0361.10
WBGene00011334	<i>T01E8.6</i>	T01E8.6
WBGene00022881	<i>ZK1248.11</i>	ZK1248.11
WBGene00021035	<i>W05F2.3</i>	W05F2.3
WBGene00019495	<i>sdz-24</i>	K07E8.3
WBGene00020320	<i>T07F8.4</i>	T07F8.4
WBGene00008825	<i>F14H3.6</i>	F14H3.6
WBGene00012903	<i>vps-2</i>	Y46G5A.12
WBGene00009478	<i>syx-7</i>	F36F2.4
WBGene00006585	<i>tni-3</i>	T20B3.2
WBGene00021644	<i>Y47G6A.18</i>	Y47G6A.18
WBGene00017244	<i>apy-1</i>	F08C6.6
WBGene00016142	<i>C26E6.6</i>	C26E6.6
WBGene00021910	<i>stim-1</i>	Y55B1BM.1
WBGene00011722	<i>T11G6.8</i>	T11G6.8
WBGene00010766	<i>K11B4.1</i>	K11B4.1
WBGene00010892	<i>M18.8</i>	M18.8
WBGene00006536	<i>tbb-1</i>	K01G5.7
WBGene00011638	<i>ostb-1</i>	T09A5.11
WBGene00021074	<i>W07E6.2</i>	W07E6.2
WBGene00019680	<i>K12H4.5</i>	K12H4.5
WBGene00006515	<i>tag-170</i>	C05D11.3
WBGene00016204	<i>gsto-1</i>	C29E4.7
WBGene00010036	<i>cpar-1</i>	F54C8.2
WBGene00017356	<i>F10E9.4</i>	F10E9.4
WBGene00017319	<i>F09G8.3</i>	F09G8.3
WBGene00000263	<i>F23H11.5</i>	F23H11.5
WBGene00017830	<i>rpb-8</i>	F26F4.11
WBGene00003826	<i>ntl-3</i>	Y56A3A.1
WBGene00009595	<i>F40F12.7</i>	F40F12.7
WBGene00044318	<i>tag-267</i>	W06E11.2
WBGene00022798	<i>ZK688.3</i>	ZK688.3
WBGene00020443	<i>esy1-2</i>	T12A2.15
WBGene00012652	<i>Y39A1A.14</i>	Y39A1A.14
WBGene00010905	<i>M88.2</i>	M88.2
WBGene00006396	<i>taf-12</i>	Y56A3A.4
WBGene00012645	<i>Y39A1A.6</i>	Y39A1A.6
WBGene00021901	<i>tag-262</i>	Y54H5A.3
WBGene00022793	<i>ZK686.3</i>	ZK686.3
WBGene00012166	<i>nuo-6</i>	W01A8.4
WBGene00009161	<i>F26E4.6</i>	F26E4.6
WBGene00018597	<i>F48C1.4</i>	F48C1.4
WBGene00019253	<i>H31G24.1</i>	H31G24.1
WBGene00013406	<i>Y63D3A.7</i>	Y63D3A.7
WBGene00021839	<i>nduf-5</i>	Y54E10BL.5
WBGene00008414	<i>D2030.4</i>	D2030.4
WBGene00007412	<i>stip-1</i>	C07E3.1
WBGene00009688	<i>F44E5.1</i>	F44E5.1
WBGene00006882	<i>vab-19</i>	T22D2.1
WBGene00007684	<i>C18E9.4</i>	C18E9.4
WBGene00011634	<i>T09A5.5</i>	T09A5.5
WBGene00018475	<i>F45E12.5</i>	F45E12.5
WBGene00017925	<i>F29B9.11</i>	F29B9.11
WBGene00021921	<i>Y55F3AM.3</i>	Y55F3AM.3
WBGene00017121	<i>cyc-2.1</i>	E04A4.7
WBGene00017073	<i>D2096.6</i>	D2096.6
WBGene00002196	<i>kin-10</i>	T01G9.6
WBGene00001999	<i>hrp-1</i>	F42A6.7

WBGene00006542	<i>tbp-1</i>	T20B12.2
WBGene00004931	<i>sod-2</i>	F10D11.1
WBGene00002827	<i>let-653</i>	C29E6.1
WBGene00017982	<i>F32D1.2</i>	F32D1.2
WBGene00011892	<i>T21C9.4</i>	T21C9.4
WBGene00011015	<i>R04F11.2</i>	R04F11.2
WBGene00011391	<i>T03D8.2</i>	T03D8.2
WBGene00014112	<i>ZK856.11</i>	ZK856.11
WBGene00001974	<i>hmg-4</i>	T20B12.8
WBGene00004194	<i>prx-5</i>	C34C6.6
WBGene00002216	<i>klp-3</i>	T09A5.2
WBGene00020423	<i>T10F2.4</i>	T10F2.4
WBGene00006386	<i>taf-5</i>	F30F8.8
WBGene00000836	<i>cul-1</i>	D2045.6
WBGene00000382	<i>cdc-6</i>	C43E11.10
WBGene00004754	<i>sec-23</i>	Y113G7A.3
WBGene00003902	<i>pab-1</i>	Y106G6H.2
WBGene00016837	<i>C50F2.3</i>	C50F2.3
WBGene00006382	<i>taf-1</i>	W04A8.7
WBGene00010629	<i>K07C5.6</i>	K07C5.6
WBGene00012528	<i>pap-1</i>	Y32F6A.3
WBGene00005015	<i>spt-5</i>	K08E4.1
WBGene00003367	<i>mix-1</i>	M106.1
WBGene00002203	<i>kin-20</i>	F46F2.2
WBGene00000833	<i>cts-1</i>	T20G5.2
WBGene00000150	<i>apm-1</i>	F55A12.7
WBGene00004320	<i>rbx-1</i>	ZK287.5
WBGene00002066	<i>ifg-1</i>	M110.4
WBGene00008670	<i>F11A3.2</i>	F11A3.2
WBGene00001002	<i>div-1</i>	R01H10.1
WBGene00019121	<i>npl-4.2</i>	F59E12.5
WBGene00020921	<i>W01C8.5</i>	W01C8.5
WBGene00009119	<i>F25H2.5</i>	F25H2.5
WBGene00018149	<i>F37C12.1</i>	F37C12.1
WBGene00010428	<i>dcn-1</i>	H38K22.2
WBGene00007400	<i>C07A9.2</i>	C07A9.2
WBGene00020107	<i>R151.2</i>	R151.2
WBGene00017423	<i>F13C5.2</i>	F13C5.2
WBGene00021022	<i>W04B5.5</i>	W04B5.5
WBGene00022458	<i>Y110A7A.8</i>	Y110A7A.8
WBGene00018064	<i>F35F11.1</i>	F35F11.1
WBGene00015478	<i>C05D10.2</i>	C05D10.2
WBGene00007463	<i>C08H9.2</i>	C08H9.2
WBGene00021759	<i>Y50D7A.11</i>	Y50D7A.11
WBGene00011412	<i>T04A8.11</i>	T04A8.11
WBGene00012977	<i>Y48A6C.4</i>	Y48A6C.4
WBGene00001740	<i>gro-1</i>	ZC395.6
WBGene00011367	<i>T02C12.2</i>	T02C12.2
WBGene00006463	<i>nduf-2.2</i>	T26A5.3
WBGene00000276	<i>byn-1</i>	F57B9.5
WBGene00000673	<i>col-98</i>	F14F7.1
WBGene00008514	<i>F02A9.4</i>	F02A9.4
WBGene00000770	<i>cpb-1</i>	C40H1.1
WBGene00007980	<i>C36E8.1</i>	C36E8.1
WBGene00018152	<i>acs-4</i>	F37C12.7
WBGene00000872	<i>cyk-1</i>	F11H8.4
WBGene00019380	<i>K04C2.2</i>	K04C2.2
WBGene00016170	<i>C27F2.8</i>	C27F2.8
WBGene00003134	<i>mat-3</i>	F10C5.1
WBGene00006516	<i>vps-16</i>	C05D11.2
WBGene00017778	<i>psf-1</i>	F25B5.7
WBGene00021503	<i>Y40D12A.2</i>	Y40D12A.2
WBGene00044072	<i>tag-246</i>	ZK1128.5
WBGene00022801	<i>pcp-5</i>	ZK688.6
WBGene00000799	<i>crn-6</i>	K04H4.6
WBGene00021533	<i>Y42G9A.3</i>	Y42G9A.3
WBGene00019836	<i>R02F2.7</i>	R02F2.7
WBGene00011815	<i>bath-43</i>	T16H12.5

WBGene00022797	ZK688.2	ZK688.2
WBGene00017302	F09F7.5	F09F7.5
WBGene00003589	nex-2	T07C4.9
WBGene00001087	dpy-28	Y39A1B.3
WBGene00020068	cra-1	R13F6.10
WBGene00007008	rfp-1	R05D3.4
WBGene00004735	sbp-1	Y47D3B.7
WBGene00015525	rha-2	C06E1.10
WBGene00000371	cco-1	F26E4.9
WBGene00004244	puf-8	C30G12.7
WBGene00004888	smo-1	K12C11.2
WBGene00009051	nduf-6	F22D6.4
WBGene00003123	mag-1	R09B3.5
WBGene00009454	F36A2.7	F36A2.7
WBGene00020348	T08B2.8	T08B2.8
WBGene00023172	Y23H5A.8	Y23H5A.8
WBGene00012376	nduf-7	W10D5.2
WBGene00016740	C48B6.2	C48B6.2
WBGene00013958	ZK265.6	ZK265.6
WBGene00009668	cflm-1	F43G9.5
WBGene00021638	Y47G6A.9	Y47G6A.9
WBGene00012735	sptf-3	Y40B1A.4
WBGene00019005	F57B10.8	F57B10.8
WBGene00019076	F59A3.3	F59A3.3
WBGene00008612	fbxa-103	F09C3.4
WBGene00000502	chp-1	Y110A7A.13
WBGene00001647	gna-2	T23G11.2
WBGene00012950	Y47H9C.7	Y47H9C.7
WBGene00011058	fdps-1	R06C1.2
WBGene00004415	rpl-4	B0041.4
WBGene000006518	tag-173	F27D4.5
WBGene00011944	T23D8.3	T23D8.3
WBGene00013128	Y52B11A.9	Y52B11A.9
WBGene00015021	B0205.6	B0205.6
WBGene00012487	Y18D10A.23	Y18D10A.23
WBGene00007857	C31H5.6	C31H5.6
WBGene00006565	tfg-1	Y63D3A.5
WBGene00011064	R06C7.5	R06C7.5
WBGene00013593	Y87G2A.1	Y87G2A.1
WBGene00008413	D2030.3	D2030.3
WBGene00001333	erm-1	C01G8.5
WBGene00021327	Y34D9A.1	Y34D9A.1
WBGene00003790	npp-4	Y54E5A.4
WBGene00019698	riok-1	M01B12.5
WBGene00003062	lpd-6	K09H9.6
WBGene00004043	plk-2	Y71F9B.7
WBGene00016906	C53D5.5	C53D5.5
WBGene00011971	T23G11.6	T23G11.6
WBGene00009052	ekl-1	F22D6.6
WBGene00007252	C01H6.2	C01H6.2
WBGene00021680	Y48G1C.7	Y48G1C.7
WBGene00002783	let-607	F57B10.1
WBGene00022464	Y110A7A.19	Y110A7A.19
WBGene00004143	pqn-59	R119.4
WBGene00001568	gei-11	F32H2.1
WBGene00018891	F55F8.3	F55F8.3
WBGene00003074	lars-2	ZK524.3
WBGene00021277	Y23H5B.6	Y23H5B.6
WBGene00004186	prpf-4	F22D6.5
WBGene00007975	gls-1	C36B1.8
WBGene00010562	cdc-48.3	K04G2.3
WBGene00001596	gld-2	ZC308.1
WBGene00021660	Y48G1A.4	Y48G1A.4
WBGene00007047	wts-1	T20F10.1
WBGene00018508	F46F11.1	F46F11.1
WBGene00003847	blmp-1	F25D7.3
WBGene00013129	Y52B11A.10	Y52B11A.10
WBGene00000079	adr-1	H15N14.1

WBGene00004753	<i>sec-8</i>	Y106G6H.7
WBGene00009127	<i>F25H5.5</i>	F25H5.5
WBGene00001066	<i>dpy-4</i>	Y41E3.2
WBGene00015205	<i>B0495.6</i>	B0495.6
WBGene00022119	<i>Y71F9AL.17</i>	Y71F9AL.17
WBGene00018866	<i>F55A12.8</i>	F55A12.8
WBGene00002041	<i>hum-8</i>	Y66H1A.6
WBGene00010545	<i>K03H1.10</i>	K03H1.10
WBGene00008400	<i>drh-3</i>	D2005.5
WBGene00010993	<i>R03E1.2</i>	R03E1.2
WBGene00022739	<i>toe-1</i>	ZK430.1
WBGene00007029	<i>mys-1</i>	VC5.4
WBGene00001130	<i>dyn-1</i>	C02C6.1
WBGene00018270	<i>F41C3.4</i>	F41C3.4
WBGene00012602	<i>Y38E10A.24</i>	Y38E10A.24
WBGene00017056	<i>D2062.4</i>	D2062.4
WBGene00012992	<i>Y48C3A.10</i>	Y48C3A.10
WBGene00007014	<i>mdt-10</i>	T09A5.6
WBGene00006875	<i>vab-9</i>	T22C8.8
WBGene00008404	<i>D2013.6</i>	D2013.6
WBGene00013255	<i>Y57A10A.10</i>	Y57A10A.10
WBGene00010458	<i>K01C8.6</i>	K01C8.6
WBGene00012005	<i>jun-1</i>	T24H10.7
WBGene00011759	<i>T13H5.5</i>	T13H5.5
WBGene00008455	<i>E02H1.1</i>	E02H1.1
WBGene00017746	<i>F23F1.5</i>	F23F1.5
WBGene00012329	<i>sre-44</i>	W07G1.2
WBGene00013168	<i>arp-1</i>	Y53F4B.22
WBGene00013267	<i>Y57A10A.27</i>	Y57A10A.27
WBGene00008640	<i>F10B5.3</i>	F10B5.3
WBGene00003526	<i>nas-7</i>	C07D10.4
WBGene00003730	<i>nhx-2</i>	B0495.4
WBGene00003119	<i>mac-1</i>	Y48C3A.7
WBGene00007479	<i>C09F9.2</i>	C09F9.2
WBGene00016116	<i>C25H3.7</i>	C25H3.7
WBGene00012204	<i>W02B12.9</i>	W02B12.9
WBGene00013144	<i>Y53C12B.2</i>	Y53C12B.2
WBGene00015297	<i>sco-1</i>	C01F1.2
WBGene00020796	<i>T25D3.2</i>	T25D3.2
WBGene00010051	<i>F54D5.5</i>	F54D5.5
WBGene00019893	<i>sgt-1</i>	R05F9.10
WBGene00007192	<i>B0491.5</i>	B0491.5
WBGene00015513	<i>C06A8.2</i>	C06A8.2
WBGene00000894	<i>dab-1</i>	M110.5
WBGene00021546	<i>Y43H11AL.2</i>	Y43H11AL.2
WBGene00004185	<i>pro-1</i>	R166.4
WBGene00015515	<i>spdl-1</i>	C06A8.5
WBGene00001402	<i>fbf-2</i>	F21H12.5
WBGene00013004	<i>Y48E1B.5</i>	Y48E1B.5
WBGene00007464	<i>C08H9.3</i>	C08H9.3
WBGene00012458	<i>ash-2</i>	Y17G7B.2
WBGene00011523	<i>T06D8.2</i>	T06D8.2
WBGene00013096	<i>mcd-1</i>	Y51H1A.6
WBGene00017124	<i>E04F6.4</i>	E04F6.4
WBGene00011348	<i>T01H3.2</i>	T01H3.2
WBGene00018355	<i>F42G2.6</i>	F42G2.6
WBGene00010830	<i>M02G9.1</i>	M02G9.1
WBGene00000890	<i>sig-7</i>	F39H2.2
WBGene00006737	<i>ulp-2</i>	Y38A8.3
WBGene00011067	<i>vps-11</i>	R06F6.2
WBGene00000410	<i>cdk-9</i>	H25P06.2
WBGene00007413	<i>pro-2</i>	C07E3.2
WBGene00009661	<i>patr-1</i>	F43G6.9
WBGene00001186	<i>egl-18</i>	F55A8.1
WBGene00003073	<i>lars-1</i>	R74.1
WBGene00001352	<i>evl-14</i>	H38K22.1
WBGene00009078	<i>rpb-12</i>	F23B2.13
WBGene00019945	<i>R08C7.1</i>	R08C7.1

WBGene00009653	<i>F43D9.1</i>	F43D9.1
WBGene00017924	<i>F29B9.10</i>	F29B9.10
WBGene00001906	<i>his-32</i>	F17E9.10
WBGene00022776	<i>ZK616.6</i>	ZK616.6
WBGene00011740	<i>T12G3.5</i>	T12G3.5
WBGene00022312	<i>clcc-171</i>	Y77E11A.9
WBGene00016793	<i>arp-11</i>	C49H3.8
WBGene00010485	<i>ant-1.3</i>	K01H12.2
WBGene00016374	<i>swd-2.2</i>	C33H5.7
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WBGene00018932	<i>F56B3.8</i>	F56B3.8
WBGene00021882	<i>Y54G2A.17</i>	Y54G2A.17
WBGene00009893	<i>F49E11.7</i>	F49E11.7
WBGene00003130	<i>map-2</i>	Y116A8A.9
WBGene00010709	<i>nol-9</i>	K09B11.2
WBGene00001241	<i>elo-3</i>	D2024.3
WBGene00007199	<i>B0513.7</i>	B0513.7
WBGene00019264	<i>H35B03.2</i>	H35B03.2
WBGene00018361	<i>F42G8.10</i>	F42G8.10
WBGene00020296	<i>T07A9.8</i>	T07A9.8
WBGene00022046	<i>Y66H1A.4</i>	Y66H1A.4
WBGene00015538	<i>sams-3</i>	C06E7.1
WBGene00000816	<i>csn-4</i>	Y55F3AM.15
WBGene00000817	<i>csn-5</i>	B0547.1
WBGene00004056	<i>pmk-2</i>	F42G8.3
WBGene00006416	<i>sams-5</i>	T13A10.11
WBGene00001007	<i>dli-1</i>	C39E9.14
WBGene00012888	<i>sas-6</i>	Y45F10D.9
WBGene00011481	<i>imp-2</i>	T05E11.5
WBGene00009006	<i>F21D5.1</i>	F21D5.1
WBGene00008686	<i>F11A10.5</i>	F11A10.5
WBGene00019821	<i>R02D3.3</i>	R02D3.3
WBGene00001338	<i>ears-2</i>	T07A9.2
WBGene00022310	<i>Y77E11A.7</i>	Y77E11A.7
WBGene00016376	<i>sec-10</i>	C33H5.9
WBGene00006699	<i>uba-1</i>	C47E12.5
WBGene00014078	<i>ZK792.5</i>	ZK792.5
WBGene00010890	<i>ddb-1</i>	M18.5
WBGene00004140	<i>pqn-55</i>	R09E10.7
WBGene00022301	<i>cpsf-1</i>	Y76B12C.7
WBGene00012769	<i>Y41E3.11</i>	Y41E3.11
WBGene00000441	<i>ceh-18</i>	ZC64.3
WBGene00017641	<i>csr-1</i>	F20D12.1
WBGene00001310	<i>end-1</i>	F58E10.2
WBGene00020865	<i>T27E4.7</i>	T27E4.7
WBGene00002344	<i>let-70</i>	M7.1
WBGene00007616	<i>C15H11.8</i>	C15H11.8
WBGene00001915	<i>his-41</i>	C50F4.5
WBGene00003861	<i>oig-3</i>	Y50E8A.3
WBGene00008620	<i>F09C6.10</i>	F09C6.10
WBGene00016989	<i>CD4.3</i>	CD4.3
WBGene00016990	<i>vps-37</i>	CD4.4
WBGene00005241	<i>srh-16</i>	F55C5.9
WBGene00010473	<i>cdr-5</i>	K01D12.14
WBGene00003846	<i>odd-2</i>	C34H3.2
WBGene00013677	<i>Y105E8A.19</i>	Y105E8A.19
WBGene00000449	<i>ceh-27</i>	F46F3.1
WBGene00008225	<i>C50B8.3</i>	C50B8.3
WBGene00020910	<i>W01A11.2</i>	W01A11.2
WBGene00000813	<i>csn-1</i>	Y59A8A.1
WBGene00018823	<i>F54E2.1</i>	F54E2.1
WBGene00013585	<i>cyp-42A1</i>	Y80D3A.5
WBGene00009485	<i>F36G9.3</i>	F36G9.3
WBGene00020999	<i>W03F9.1</i>	W03F9.1
WBGene00013687	<i>exoc-8</i>	Y105E8B.2
WBGene00004909	<i>snf-10</i>	Y32F6A.2
WBGene00003816	<i>asns-1</i>	F25G6.6
WBGene00000876	<i>cyl-1</i>	C52E4.6



WBGene00019353	<i>K03B4.1</i>	K03B4.1
WBGene00003406	<i>mrg-1</i>	Y37D8A.9
WBGene00001857	<i>hil-6</i>	F59A7.4
WBGene00009992	<i>F53F4.10</i>	F53F4.10
WBGene00010867	<i>tag-260</i>	M04G12.1
WBGene00017984	<i>F32D1.5</i>	F32D1.5
WBGene00013766	<i>prmt-1</i>	Y113G7B.17
WBGene00020705	<i>T22H9.1</i>	T22H9.1
WBGene00008346	<i>C56A3.8</i>	C56A3.8
WBGene00004020	<i>pho-1</i>	EGAP2.3
WBGene00006311	<i>sun-1</i>	F57B1.2
WBGene00020808	<i>T25F10.6</i>	T25F10.6
WBGene00009103	<i>F25B3.6</i>	F25B3.6
WBGene00003812	<i>nrf-5</i>	F55B12.5
WBGene00002632	<i>let-413</i>	F26D11.11
WBGene00010631	<i>cash-1</i>	K07C5.8
WBGene00001089	<i>dre-1</i>	K04A8.6
WBGene00020340	<i>T08B1.1</i>	T08B1.1
WBGene00011318	<i>cdt-2</i>	T01C3.1
WBGene00004203	<i>psa-1</i>	Y113G7B.23
WBGene00003025	<i>lin-40</i>	T27C4.4
WBGene00001095	<i>dars-2</i>	F10C2.6
WBGene00001110	<i>duo-1</i>	F38B7.5
WBGene00000228	<i>atn-1</i>	W04D2.1
WBGene00009084	<i>F23B12.7</i>	F23B12.7
WBGene00012337	<i>W07G4.3</i>	W07G4.3
WBGene00003242	<i>mig-6</i>	C37C3.6
WBGene00009098	<i>ehbp-1</i>	F25B3.1
WBGene00006935	<i>vars-1</i>	ZC513.4
WBGene00002148	<i>gon-14</i>	F44C4.4
WBGene00002229	<i>klp-19</i>	Y43F4B.6
WBGene00018812	<i>F54D11.2</i>	F54D11.2
WBGene00017295	<i>F09E10.5</i>	F09E10.5
WBGene00004949	<i>sox-2</i>	K08A8.2
WBGene00019760	<i>calu-1</i>	M03F4.7
WBGene00003087	<i>lsy-2</i>	F49H12.1
WBGene00019620	<i>fah-1</i>	K10C2.4
WBGene00008605	<i>mlt-9</i>	F09B12.1
WBGene00008746	<i>F13E6.2</i>	F13E6.2
WBGene00004238	<i>ptr-24</i>	F46G10.5
WBGene00018878	<i>glit-1</i>	F55D10.3
WBGene00018640	<i>F49E10.2</i>	F49E10.2
WBGene00007287	<i>gck-4</i>	C04A11.3
WBGene00018016	<i>lrr-1</i>	F33G12.4
WBGene00002001	<i>hars-1</i>	T11G6.1
WBGene00002879	<i>let-754</i>	C29E4.8
WBGene00020097	<i>larp-1</i>	R144.7
WBGene00017237	<i>pole-2</i>	F08B4.5
WBGene00010870	<i>M05B5.2</i>	M05B5.2
WBGene00001859	<i>hil-8</i>	T05E8.2
WBGene00000413	<i>cdt-1</i>	Y54E10A.15
WBGene00012990	<i>Y48C3A.8</i>	Y48C3A.8
WBGene00019219	<i>H20J04.4</i>	H20J04.4
WBGene00021313	<i>paqr-2</i>	Y32H12A.5
WBGene00006444	<i>shn-1</i>	C33B4.3
WBGene00004090	<i>ppp-1</i>	C15F1.4
WBGene00018285	<i>smk-1</i>	F41E6.4
WBGene00010425	<i>lpin-1</i>	H37A05.1
WBGene00013680	<i>Y105E8A.23</i>	Y105E8A.23
WBGene00003561	<i>ncr-1</i>	F02E8.6
WBGene00020441	<i>T12A2.7</i>	T12A2.7
WBGene00019402	<i>K04G7.11</i>	K04G7.11
WBGene00003041	<i>lin-61</i>	R06C7.7
WBGene00021445	<i>Y39A3CR.5</i>	Y39A3CR.5
WBGene00002201	<i>kin-18</i>	T17E9.1
WBGene00009455	<i>phip-1</i>	F36A2.8
WBGene00015092	<i>B0261.4</i>	B0261.4
WBGene00003083	<i>lst-1</i>	T22A3.3

WBGene00021541	<i>Y42H9B.3</i>	Y42H9B.3
WBGene00020901	<i>T28F2.2</i>	T28F2.2
WBGene00009128	<i>F25H5.6</i>	F25H5.6
WBGene00012732	<i>Y40B1A.1</i>	Y40B1A.1
WBGene00005023	<i>sqv-5</i>	T24D1.1
WBGene00019502	<i>K07G6.1</i>	K07G6.1
WBGene00019489	<i>K07E1.1</i>	K07E1.1
WBGene00002079	<i>xpo-2</i>	Y48G1A.5
WBGene00000390	<i>cdc-42</i>	R07G3.1
WBGene00000424	<i>ced-10</i>	C09G12.8
WBGene00004266	<i>rab-1</i>	C39F7.4
WBGene00004273	<i>rab-10</i>	T23H2.5
WBGene00022678	<i>sar-1</i>	ZK180.4
WBGene00004302	<i>ran-1</i>	K01G5.4
WBGene00003401	<i>mpk-1</i>	F43C1.2
WBGene00001834	<i>hda-1</i>	C53A5.3
WBGene00004927	<i>snx-1</i>	C05D9.1
WBGene00006352	<i>sur-6</i>	F26E4.1
WBGene00000183	<i>arf-3</i>	F57H12.1
WBGene00004268	<i>rab-5</i>	F26H9.6
WBGene00003829	<i>nud-1</i>	F53A2.4
WBGene00003395	<i>mom-2</i>	F38E1.7
WBGene00002246	<i>lag-2</i>	Y73C8B.4
WBGene00001061	<i>dpl-1</i>	T23G7.1
WBGene00000566	<i>cnt-2</i>	Y39A1A.15
WBGene00002245	<i>lag-1</i>	K08B4.1
WBGene00008311	<i>rskn-2</i>	C54G4.1
WBGene00001996	<i>hpl-2</i>	K01G5.2
WBGene00003239	<i>mig-2</i>	C35C5.4
WBGene00004357	<i>rho-1</i>	Y51H4A.3
WBGene00001972	<i>hmg-1.2</i>	F47D12.4
WBGene00002992	<i>lin-3</i>	F36H1.4
WBGene00001082	<i>dpy-23</i>	R160.1
WBGene00004297	<i>rad-51</i>	Y43C5A.6
WBGene00003048	<i>lit-1</i>	W06F12.1
WBGene00003605	<i>nhr-6</i>	C48D5.1
WBGene00004786	<i>sex-1</i>	F44A6.2
WBGene00006751	<i>unc-11</i>	C32E8.10
WBGene00006773	<i>unc-37</i>	W02D3.9
WBGene00002007	<i>hsp-3</i>	C15H9.6
WBGene00003397	<i>mom-5</i>	T23D8.1
WBGene00000548	<i>clr-1</i>	F56D1.4
WBGene00007784	<i>ruvb-1</i>	C27H6.2
WBGene00001835	<i>hda-2</i>	C08B11.2
WBGene00021170	<i>arx-4</i>	Y6D11A.2
WBGene00000199	<i>arx-1</i>	Y71F9AL.16
WBGene00004205	<i>psr-1</i>	F29B9.4
WBGene00000182	<i>arf-1.2</i>	B0336.2
WBGene00001561	<i>gei-4</i>	W07B3.2
WBGene00003893	<i>ost-1</i>	C44B12.2
WBGene00007352	<i>cdc-48.1</i>	C06A1.1
WBGene00007554	<i>pptr-2</i>	C13G3.3
WBGene00002147	<i>ire-1</i>	C41C4.4
WBGene00006794	<i>unc-60</i>	C38C3.5
WBGene00002010	<i>hsp-6</i>	C37H5.8
WBGene00022193	<i>ppfr-4</i>	Y71H2B.3
WBGene00012939	<i>Y47D3B.1</i>	Y47D3B.1
WBGene00003670	<i>nhr-80</i>	H10E21.3
WBGene00001688	<i>gpr-1</i>	F22B7.13
WBGene00002081	<i>ina-1</i>	F54G8.3
WBGene00019030	<i>inf-1</i>	F58B6.2
WBGene00000201	<i>arx-3</i>	Y79H2A.6
WBGene00000205	<i>arx-7</i>	M01B12.3
WBGene00000089	<i>aex-6</i>	Y87G2A.4
WBGene00004202	<i>pry-1</i>	C37A5.9
WBGene00021275	<i>Y23H5B.4</i>	Y23H5B.4
WBGene00016265	<i>nmur-4</i>	C30F12.6
WBGene00016328	<i>pde-5</i>	C32E12.2

WBGene00003186	<i>mek-2</i>	Y54E10BL.6
WBGene00003639	<i>nhr-49</i>	K10C3.6
WBGene00006805	<i>unc-73</i>	F55C7.7
WBGene00006958	<i>wve-1</i>	R06C1.3
WBGene00004778	<i>ser-3</i>	K02F2.6
WBGene00009116	<i>F25H2.2</i>	F25H2.2
WBGene00004271	<i>rab-7</i>	W03C9.3
WBGene00002008	<i>hsp-4</i>	F43E2.8
WBGene00002297	<i>ect-2</i>	T19E10.1
WBGene00006787	<i>unc-52</i>	ZC101.2
WBGene00004264	<i>qua-1</i>	T05C12.10
WBGene00007006	<i>npr-3</i>	C10C6.2
WBGene00020689	<i>npr-12</i>	T22D1.12
WBGene00002335	<i>let-60</i>	ZK792.6
WBGene00001330	<i>eps-8</i>	Y57G11C.24
WBGene00004077	<i>pop-1</i>	W10C8.2
WBGene00006757	<i>unc-18</i>	F27D9.1
WBGene00000203	<i>arx-5</i>	Y37D8A.1
WBGene00005791	<i>srw-44</i>	F14F8.6
WBGene00003650	<i>nhr-60</i>	F57A10.5
WBGene00007260	<i>olm-1</i>	C02C6.2
WBGene00009932	<i>F52D10.6</i>	F52D10.6
WBGene00021324	<i>Y34B4A.8</i>	Y34B4A.8
WBGene00003891	<i>osm-11</i>	F11C7.5
WBGene00003056	<i>lon-2</i>	C39E6.1
WBGene00004854	<i>slt-1</i>	F40E10.4
WBGene00020712	<i>ckr-1</i>	T23B3.4
WBGene00014051	<i>tag-341</i>	ZK669.1
WBGene00022004	<i>Y59H11AL.1</i>	Y59H11AL.1
WBGene00006957	<i>wsp-1</i>	C07G1.4
WBGene00003776	<i>nmy-1</i>	F52B10.1
WBGene00004947	<i>sos-1</i>	T28F12.3
WBGene00002694	<i>let-502</i>	C10H11.9
WBGene00004287	<i>rac-2</i>	K03D3.10
WBGene00011734	<i>mlc-5</i>	T12D8.6

For each RNAi clone tested, the corresponding gene WormBase ID, public name, and sequence name are given. We examined 5 – 66 animals per RNAi treatment after L1 plating to detect DTC plexus defects.