

Table S6: Strains generated for, and used in this study.

No.	Strain	Genotype	Comments
1	CF2166	<i>tcer-1(tm1452)II</i> Line #8	
2	CF2167	<i>tcer-1(tm1452)II</i> Line #9	Used for all crosses
3	CF2152	<i>tcer-1(tm1452)II; glp-1(e2141ts)III</i> Line #1.1-11.5	
4	CF2153	<i>tcer-1(tm1452)II; glp-1(e2141ts)III</i> Line #1.1-4.5	
5	CF2154	<i>tcer-1(tm1452)II; glp-1(e2141ts)III</i> Line #1.1-11.1	Used to cross DAF-16-target gene reporters and <i>tcer-1 OE</i> into <i>tcer-1</i> ; <i>glp-1</i> and <i>glp-1</i> backgrounds
6	CF2155	<i>tcer-1(tm1452)II; glp-1(e2141ts)III</i> Line #14.1-12.5	
7	CF2144	<i>muEx321 (Podr-1::rfp)</i> Line II5-6-5	75ng/μl injected into N2
8	CF2145	<i>muEx322 (Podr-1::rfp)</i> Line II5-6-6	75ng/μl injected into N2
9	CF2031	<i>muEx306 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i>	<i>tcer-1</i> : 50ng/μl and <i>odr-1</i> 75ng/μl injected into N2
10	CF2032	<i>muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i>	Concentrations same as CF2031; Used for all ablations, <i>tcer-1 OE</i> experiments and crosses
11	CF2033	<i>muEx308 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i>	Same as CF2031
12	CF2034	<i>muEx309 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i>	Same as CF2031
13	CF2148	<i>muEx325 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #I16-2-1	<i>tcer-1</i> : 20ng/μl and <i>odr-1</i> 75ng/μl injected into N2
14	CF2149	<i>muEx326 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #I16-2-5	--do--
15	CF2150	<i>muEx327 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #I16-1-5	--do--
16	CF2151	<i>muEx328 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #I16-1-1	--do--
17	CF2168	<i>tcer-1(tm1452)II; daf-2(e1370)III</i>	
18	CF2169	<i>tcer-1(tm1452)II; daf-2(e1378)III</i>	
19	CF2175	<i>glp-1(e2141ts)III; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #32-10	
20	CF2176	<i>glp-1(e2141ts)III; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #32-36	
21	CF2177	<i>glp-1(e2141ts)III; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #32-40	
22	CF2178	<i>glp-1(e2141ts)III; muEx308 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #33-16	
23	CF2179	<i>glp-1(e2141ts)III; muEx308 (Ptcer-1::tcer-1::gfp, Podr-1::rfp)</i> Line #33-10	

24	CF2180	<i>glp-1(e2141ts)III; muEx308 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #33-17</i>	
25	CF2432a	<i>daf-16(mu86)I; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #3</i>	
26	CF2432b	<i>daf-16(mu86)I; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #9</i>	
27	CF2466a	<i>kri-1(ok1251)I; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #1</i>	
28	CF2466b	<i>kri-1(ok1251)I; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #2</i>	
29	CF2857	<i>tcer-1(tm1452)II; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #16</i>	
30	CF2858	<i>tcer-1(tm1452)II; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::RFP) Line# 18</i>	
31	CF2859a	<i>tcer-1(tm1452)II; glp-1(e2141ts)III (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #24</i>	
32	CF2859b	<i>tcer-1(tm1452)II; glp-1(e2141ts)III (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #81</i>	
33	CF2859c	<i>tcer-1(tm1452)II; glp-1(e2141ts)III (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #91</i>	
34	CF2860	<i>daf-2(e1370)III; muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #10</i>	
35	CF3025a	<i>eat-2(ad1116)II muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #1</i>	
36	CF3025b	<i>eat-2(ad1116)II muEx307 (Ptcer-1::tcer-1::gfp, Podr-1::rfp) Line #2</i>	
37	CF3124	<i>glp-1(e2141ts)III; Pgp-2::gfp Line# 4</i>	
38	CF3125a	<i>tcer-1(tm1452)II; glp-1(e2141ts)III; Pgp-2::gfp Line #6</i>	
39	CF3197a	<i>glp-1(e2141ts)III; sEx14344 (rCesK07B1.4::gfp + pCeh361) Line #3</i>	
40	CF3198a	<i>tcer-1(tm1452)II; glp-1(e2141ts)III; sEx14344 (rCesK07B1.4::gfp + pCeh361) Line #36</i>	
41	CF3201a	<i>glp-1(e2141ts)III; sEx10466 (rCesC15H9.1::gfp + pCeh361) Line #28</i>	
42	CF3202a	<i>tcer-1(tm1452)II; glp-1(e2141ts)III; sEx10466 (rCesC15H9.1::gfp + pCeh361) Line #7</i>	
43	CF3204	<i>glp-1(e2141ts)III; sEx14516 (rCesT21D12.9::gfp + pCeh361) Line #10</i>	
44	CF3229	<i>tcer-1(tm1452)II; glp-1(e2141ts)III; sEx14516 (rCesT21D12.9::gfp + pCeh361) Line #68</i>	

45	CF3250	<i>glp-1(e2141ts)III; sEx15603 (rCesF52H3.5::gfp + pCeh361) Line #10</i>	
46		<i>tcer-1(tm1452)II; glp-1(e2141ts)III; sEx15603 (rCesT21D12.9::gfp + pCeh361) Line #17</i>	
47	CF2352	<i>tcer-1(tm1452)II; glp-1(e2141ts)III; Pdod-8::gfp</i>	
48	CF3253a	<i>tcer-1(tm1452)II; glp-1(e2141ts)III Psod-3::gfp Line #52</i>	
49		<i>daf-16(mu86)I; tcer-1(tm1452)II; glp-1(e2141ts)III; mulS109(Pdaf-16::daf-16::gfp, Podr-1::rfp)</i>	
Strains Obtained from the CGC or David Baillie's laboratory			
50	BC11128	<i>dpy-5(e907)I; sEx11128 (rCesK10B3.8::gfp + pCeh361)</i>	
51	BC14344	<i>dpy-5(e907)I; sEx11128 (rCesK07B1.4::gfp + pCeh361)</i>	
52	BC10466	<i>dpy-5(e907)I; sEx10466 (rCesC15H9.1::gfp + pCeh361)</i>	
53	BC14516	<i>dpy-5(e907)I; sEx14516 (rCesT21D12.9::gfp + pCeh361)</i>	
54	BC15603	<i>dpy-5(e907)I; sEx15603 (rCesF52H3.5::gfp + pCeh361)</i>	
Other strains			
55	CF1903	<i>glp-1(e2141ts)III</i>	outcrossed thrice to Kenyon lab N2
56		<i>glp-1(e2141ts)III</i>	
57	CF1908	<i>eat-2(ad1116)II</i>	outcrossed thrice to Kenyon lab N2
58	DA1116	<i>eat-2(ad1116)II</i>	
59	CF1041	<i>daf-2(e1370)III</i>	
60	DR1572	<i>daf-2(e1368)III</i>	
61	CF1844	<i>fer-15(b26)II; daf-2(mu150); fem-1(hc17)IV</i>	
62	MQ887	<i>isp-1(qm150)IV</i>	
63	CF2050	<i>kri-1(ok1251)I</i>	
64	CF1037	<i>daf-16(mu86)I</i>	
65	CF2630	<i>sIs10314 (Pdod-8::gfp + PCeh361)</i>	BC12544 crossed to N2
66	CF2573	<i>glp-1(e2141ts)III; sIs10314 (Pdod-8::gfp)</i>	
67	CF2790	<i>daf-2(e1370)III; sIs10314 (Pdod-8::gfp)</i>	
68	CF1935	<i>daf-16(mu86)I; glp-1(e2141)III; mulS109 (Pdof-16::daf-16::gfp, Podr-1::rfp)</i>	
69	CF1929	<i>glp-1(e2141ts)III; mulS84 (Psod-3::gfp)</i>	