

**Table S5 Strain list**

Experiment	JH number	Genotype	Type of allele
1	3174	<i>K08F4.2(ax2027)</i>	Insertion
1	3175	<i>K08F4.2(ax2028)</i>	Insertion
2	3176	<i>K08F4.2(ax2029)</i>	Substitution
2	3177	<i>K08F4.2(ax2030)</i>	Substitution
4	3180	<i>nos-2(ax2033)</i>	Substitution
4	3181	<i>nos-2(ax2034)</i>	Substitution
6	3182	<i>K08F4.2(ax2035[K08F4.2::TetraCys])</i>	Insertion
6	3183	<i>K08F4.2(ax2036[K08F4.2::TetraCys])</i>	Insertion
7	3184	<i>K08F4.2(ax2037[K08F4.2::Myc])</i>	Insertion
7	3186	<i>K08F4.2(ax2039[K08F4.2::3xFlag])</i>	Insertion
8	3188	<i>mex-5(ax2041[3xFlag::mex-5])</i>	Insertion
8	3190	<i>mex-5(ax2043[OLLAS::mex-5])</i>	Insertion
9	3134	<i>swan-1(ax2045[V5::swan-1])</i>	Insertion
9	3135	<i>swan-1(ax2046[V5::swan-1])</i>	Insertion
9	3136	<i>swan-1(ax2047[Myc::swan-1])</i>	Insertion
11	3193	<i>nos-2(ax2049[3xFlag::nos-2])</i>	Insertion
11	3194	<i>nos-2(ax2050[3xFlag::nos-2])</i>	Insertion
12	3195	<i>mbk-2(ax2051[V5::mbk-2])</i>	Insertion
13	3197	<i>K08F4.2(ax2053[K08F4.2::gfp])</i>	Insertion
13	3198	<i>K08F4.2(ax2054[K08F4.2::gfp])</i>	Insertion
14	3199	<i>K08F4.2(ax2055[K08F4.2::gfp])</i>	Insertion
14	3200	<i>K08F4.2(ax2056[K08F4.2::gfp])</i>	Insertion
15	3201	<i>fbf-2(ax2057[fbf-2::gfp])</i>	Insertion
16	3203	<i>mes-2(ax2059[mes-2::gfp])</i>	Insertion
16	3204	<i>mes-2(ax2060[mes-2::gfp])</i>	Insertion
17	3205	<i>lin-15b(ax2061[lin-15b::gfp])</i>	Insertion
18	3207	<i>deps-1(ax2063[deps-1::gfp])</i>	Insertion
18	3208	<i>deps-1(ax2064[deps-1::gfp])</i>	Insertion
19	3209	<i>mex-6(ax2065[mex-6::gfp])</i>	Insertion
22	3211	<i>K08F4.2(ax2067)</i>	Deletion
22	3212	<i>K08F4.2(ax2068)</i>	Deletion
23	3213	<i>mbk-2(ax2069/+)</i>	Deletion
23	3214	<i>mbk-2(ax2070/+)</i>	Deletion
24	3158	<i>swan-1/2(ax2071)</i>	Deletion
24	3159	<i>swan-1/2(ax2072)</i>	Deletion
25	3215	<i>K08F4.2(ax2073)</i>	Deletion/Insertion of RE
25	3216	<i>K08F4.2(ax2074)</i>	Deletion/Insertion of RE