

Table S6 DTC-specific RNAi strain selectivity.

RNAi to germline-essential genes

| | Proximal tumors | |
|--------------------|-----------------|-----------------------|
| | <i>rrf-1</i> | <i>lag-2>RDE-1</i> |
| <i>control</i> | 1/52 | 0/57 |
| <i>gld-1</i> | 45/49 | 0/68 |
| F1 sterility | | |
| | <i>rrf-1</i> | <i>lag-2>RDE-1</i> |
| <i>control</i> | 0/16 | 0/80 |
| <i>glh-1</i> | 11/86 | 0/118 |
| <i>fbf-2</i> | 67/70 | 0/62 |
| Feminized germline | | |
| | <i>rrf-1</i> | <i>lag-2>RDE-1</i> |
| <i>control</i> | 0/21 | 0/17 |
| <i>fog-3</i> | 21/24 | 0/42 |

RNAi to the muscle-expressed gene *emb-9*

| | Ruptured through the vulva | |
|----------------|----------------------------|-----------------------|
| | <i>rrf-3</i> | <i>lag-2>RDE-1</i> |
| <i>control</i> | 0/48 | 0/207 |
| <i>emb-9</i> | 24/35 | 0/136 |

RNAi to known DTC-expressed genes

| | Migration defect |
|----------------|-----------------------|
| | <i>lag-2>RDE-1</i> |
| <i>control</i> | 0/52 |
| <i>gon-1</i> | 39/40 |
| <i>mig-38</i> | 29/52 |

The DTC-specific RNAi strain [*lag-2>NeonGreen::F2A::RDE-1*; *rrf-3(pk1426)*; *rde-1(ne219)*] was compared to the germline-specific *rrf-1(pk1417)* and the whole-body RNAi-sensitized *rrf-3(pk1426)* backgrounds. RNAi control (empty vector L4440) was compared to RNAi-depleted animals. Adult animals were scored following parental plating on RNAi for knockdown of germline-expressed genes and following L1 plating on RNAi for knockdown of DTC- and muscle-expressed genes.