**Supplementary File 4. List of oligonucleotides used to screen for CRISPR / Cas9 induced mutations and to determine sequences of resulting mutations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Target** | **Figure or Source Data** | **Sequence** | **Oligo name** | **Function** |
| *asd-1* | Figure 6--source data 1 | GATTGAAGGGAGACGTGTTGAAGTGAATCTTGCTACTCAGAGAGTTCAC | BF-2686 | PCR |
|  |  | GGGATATCAGAGCATTTTGAGCACTCATTGCGTCCACTCCAACTG | BF-2687 | PCR, sequencing |
|  |  | CCATGATAGTCTAATTTATGAAATTGCATGCAATGTTTCTCGC | BF-2688 | PCR |
|  |  |  |  |  |
| *dpy-10* | 6 | CGAACGTTCTCGCTGACAACGAACTATTCGCGTCAG | BF-1853 | PCR, sequencing |
|  |  | GCATGTTTGATTTGGAGTAGTTCCTGGCATTCC | BF-1854 | PCR |
|  |  |  |  |  |
| *fox-1* | 6 | GTCAGAAGGAAGAAAACGGAGAAGAAACAGCAGCAACAGCAGAAGAAGC | BF-2492 | PCR, sequencing |
|  |  | CCTCGGCGTTTGGCGAACAATACCTTAGCAACGC | BF-2493 | PCR |
|  |  | GGAAGAATAGGAGTTATCGCGTTGCTGTGAAATGTGATACAATCG | BF-2394 | PCR |
|  |  |  |  |  |
| *xol-1* | 6 | GCACCCAGAAGATTTCACACCACAAATG | BF-2518 | PCR, sequencing |
| *(all but y810)* |  | TGTGACACATGGCGTTAATTACAATAGATACTG | BF-2519 | PCR |
|  |  |  |  |  |
| *xol-1(y810)* | 6 | CACTCTTCATCCTCATCATACGTGTCATCTTGTCGAGCACTTGGAGC | BF-2301 | PCR, sequencing |
|  |  | CGATATTCTAGTTCCAGCATATATGACGGCTCATTCCAAGAACCGTG | BF-2676 | PCR |
|  |  | CAAAATGCATATTTGATCGAATGCCTGCACGTTTGACG | BF-2746 | PCR |
| *xol-1 repair templates* |  | GACTCTAGTGGCAAACTTGCCGTCATC  ACAGACTGTTACAATGACACAACTCTC | BF-2507  BF-2508 | PCR  PCR |