**Supplementary file 3.** sgRNA sequences for CRISPR/Cas9-directed gene editing technology.

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| Name | Sequence |
| *set-13*-sg-1 | AATCCGAATGACCTCCAACATGG |
| *set-13*-sg-2 | CCAGCGTGCCGCTGCTTCCAGAC |
| *set-13*-sg-3 | CGATGTTTGCGTGCTCGGGGAGG |
| *set-21*-sg-1 | CAAATACCACGGGAGGGTTGTGG |
| *set-21*-sg-2 | TGATCGTAGTAATGATCCTTCGG |
| *set-21*-sg-3 | TGACTACGGAAAGACGTACACGG |
| *set-21*-sg-4 | GAACGCTCATTTGAATCTGCTGG |
| *set-21*-sg-5 | TTTCAAACAGCGCGCGCAAAAGG |
| *set-33*-sg-1 | ATGGTGCGTCCATTATTCTGCGG |
| *set-33*-sg-2 | TACGGGCGAGATTGTCGAGCTGG |
| *set-33*-sg-3 | TGAAGCGCATGCACCGCCCGAGG |
| *F35E8.7*-sg-1 | TTGCATTTGTAAAAATAATCTGG |
| *F35E8.7*-sg-2 | TCTACAATTGCACCGATCTGAGG |
| *F35E8.7*-sg-3 | ATGTATTGCCCGAAAACTTGTGG |
| *F35E8.7*-sg-4 | TTTACACGTCTTTCTGCAATTGG |
| *Y39G8B.7*-sg-1 | CAAGTATTCCTACGATGCTCCGG |
| *Y39G8B.7*-sg-2 | ATCAATGCATGGTTTGTCTTGGG |
| *Y39G8B.7*-sg-3 | GACAAAACTTCTTCAGCATGGGG |
| *Y39G8B.7*-sg-4 | ATTGCATTCCTTGCAAGTTCCGG |