



**18 nt ss-oligo sequence (5' → 3')**

UGUGUUUAUAGCGGAUUU

**20 nt ss-oligo sequence (5' → 3')**

UGUGUUUAUAGCGGAUUUUG

**21 nt ss-oligo sequence (5' → 3')**

UGUGUUUAUAGCGGAUUUUGA

**22 nt ss- and ds-oligo sequence (5' → 3')**

TCATATGGGCTCACTGTTACTA

**23 nt ss-oligo sequence (5' → 3')**

AGGUAAGAUGUUGGUAUAGCUGA

**50nt ss- and ds-oligo sequence (5' → 3')**

ACGCUUCUAACUUC AAGAUUUUACACAAUCAUAUGGGCUCACUGUUACUA

**dsRNA-*unc-22* DNA template sequence (excluding the T7 promoters; 5' → 3')**

AGACCGGCAGATCTGATATCATCGATGAATTCGAGCTCCACCGGGTGGCGGCCGCTCTAGAACTAGTGGATCC  
ACCGGTTCCATGGCTAGCCACGTGACGCGTGATCCCCGGGCTGCAGGAATTCGATTACCAACGGTTTTGGAA  
GGGACAAACATTCCGTTGAGGTCATTGTGCTTGGAAAACCATTCCTAGCCCCATTGGGACCTTTGGAAAGTGTGCA  
ATGTCTACGAAGATCGCGCAGATTTGGAGTGGAAAGTACCAGAAGATGACGGAGGTGCTCCAATTGATCATTAT  
GAAATCGAAAAGATGGATTTGGCAACTGGAAGATGGGTCCCATGTGGAAGAAGTGAAACAACAAAGACCACAGT  
TCCAAATCTTCAACCCGGGCACGAATACAAATTCGCTGTCAGAGCTGTGAACAAGGAGGGAGAATCCGATCCAC  
TCGCAACCAACACCGCAATCCTCGCCAAGAACCATAACGAGGTTCCAGGAAAAGTTGACAAGCCGGAATTGGTG  
GACTGGGATAAGGATCATGTTGATCTTGCATGGAATGCTCCAGACGATGGTGGTGCACCAATTGAAGCTTTCGT  
CATTGAGAAGAAGGATAAGAATGGACGATGGGAAGAAGCTCTCGTTGTTCCAGGAGATCAGAAAACAGCAACTG  
TTCCAAATCTTAAGGAGGGAGAAGAATATCAATTCAGAATTTCTGCTCGTAACAAGGCTGGAAC TGGAGATCCT  
TCTGATCCTTCTGATCGTGTGTTGTTGCGAAGCCAAGAAACCTTGCTCCAAGAATTCATCGTGAAGATCTTCTGA  
TACAACTGTCAAGGTCGGAGCCACTCTCAAGTTCATTGTTCATATTGATGGTGAGCCAGCACCAGATGTAACAT  
GGTCATTCAATGGAAGGAAATCGGAGAGAGCAAGGCTCAAATGAAAAATGAGCCATACATCTCGAGATTTGCT  
TTGCCAAAGGCACTTCGTAAGCAAAGTGGAAAATATACCATCACTGCAACCAACATTAATGGAAC T GACAGTGT  
CACTATCAATATCAAGGTAAAAAGCAAGCCAACGAAACCAAAGGGACCAATCGAGGTAAC TGATGCTTTCGAAG  
ATCGTGCAACTCTTGACTGGAAACCACCAGAGGATGACGGAGGAGGCCAATTGAGTTCATGAAATGAAAAG  
ATGAACACCAAGGACGGAATCTGGGTTCATGTGGACGTAGTGGAGATACCCACTTCACAGTCGATTCACTCAA  
CAAGGGAGATCATTAATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAATTTCG

**Supplementary Table 2B: List of primers in this study**

Primers & purpose (5' → 3')	Amplified sequence	Product size (bp)
DsRNA-Fluc DNA template synthesis & RT-PCR detection:  Forward: CTAATACGACTCACTATAGGGCGAaaaacgcttccatcttcca Reverse: CTAATACGACTCACTATAGGGCGatccacaaacacaactcctc	AB261988	617
DsRNA- <i>unc-22</i> DNA template synthesis:  Forward: CTAATACGACTCACTATAGGGagaccggca Reverse: CTAATACGACTCACTATAGGGcgaattgggt	Unc-22 RNAi clone ZK617.1 (Source Bioscience)	1365

Comment: T7 RNA-pol promoter sequence is highlighted in capital letters