Table S1 List of oligos

| List of siRNA sequences         |      |
|--------------------------------|------|
| siNC                          | 5'-UUCUCCGAACGUGUCACGUTT-3' |
| siCDR1as                      | 5'-GGTCTTCCAGCGACTTCAAATT-3' |
| siTMED2                       | 5'-GGACCAGAUAAACAAAGGAATT-3' |
| siTMED10                      | 5'-UCUUCUACCUGCGACGUUUTT-3' |

| Primer sequences for qRT-PCR    |      |
|--------------------------------|------|
| CDR1as Forward                 | 5'-ACGTCTCCAGTGTGCTGA-3' |
| CDR1as Reverse                 | 5'-CTTGACACAGGTGCCATC-3' |
| TMED2 Forward                  | 5'-ATGTATTTCCTGTCTGTGGCTT-3' |
| TMED2 Reverse                  | 5'-CACATGGATGGAACATACAA-3' |
| TMED10 Forward                 | 5'-GAGATGCGTGATACCAACGA-3' |
| TMED10 Reverse                 | 5'-TTCTTGGCCTTTGAAGAACG-3' |
| GAPDH Forward                  | 5'-GTCAGCCGCATCTTTCTTTTG-3' |
| GAPDH Reverse                  | 5'-GCGCCCCAATACGACCAAATC-3' |

| Primer sequences for plasmids construction |      |
|--------------------------------------------|------|
| TMED2 Forward                              | 5'-CCCAAGCTTGCCACCATGGTGACGCTTTCGCTG-3' |
| TMED2 Reverse                              | 5'-TGCTCTAGATTAAACAACCTCTCG-3' |
| TMED10 Forward                             | 5'-CCCAAGCTTGCCACCATGTCTGTTTGTC-3' |
| TMED10 Reverse                             | 5'-TGCTCTAGATTACTCAATTTCTTGCC-3' |
| psiCheck2-TMED2 Forward                    | 5'-CCTCGAGGCGATGTGAAATAAGCA-3' |
| psiCheck2-TMED2 Reverse                    | 5'-TGCGGCGCACCACAAAGTGAATG-3' |
psiCheck2-TMED2-mut
Forward 5'-TCTTTTGGCTGTTTGTTTTTTGGCACATGTG-3'
Reverse 5'-CCAAAAAACAAACAGCCAAAAGAAACAACAAAAC-3'

psiCheck2-TMED10
Forward 5'-CCTCGAGTCCAATGGCTAATGATGT-3'
Reverse 5'-TGCGGCCGCATCTGTAGCTCCCGGTAA-3'

psiCheck2-TMED10-mut
Forward 5'-CGGTGAAATCTGTTGATGTCTTTTGTCTATTTTC-3'
Reverse 5'-AAGACATCAACAGATTTTACCCGAAGAGGATACA-3'

CDR1as (has) FISH probe
5’Alex Fluor 647-TACATGGATTTGTTGGAAGACATGGATTTTCTGGAAGACATGGATTTTCT-3’

gRNA used in the CRISPR experiment

gRNA1-F  CACCGATTGGAAGACTTGAAGTCGC

gRNA1-R  AAACGCGACTTCAAGTCTTCCAATC

gRNA2-F  CACCGTTTGGGAAGACCTTGACAC

gRNA2-R  AAACGTGTCAAGGTCTTCCAACAAC