Supplementary Table II: Mono-oligonucleotides synthezised in this study

O1K1	5'- GAATGCATACGCTGATATCCAGATGACCCAGAGCCCGTCTAGCCTGAGC -3'
O1K2	5'- CGCTCTGCAGGTAATGGTCACACGATCACCCACGCTCGCGCTCAGGCTAGACGGGC -3'
O1K3	5'- GACCATTACCTGCAGAGCGAGCCAGGGCATTAGCAGCTATCTGGCGTGGTACCAGCAG -3'
O1K4	5'- CTTTGCAAGCTGCTGGCTGCATAAATTAATAGTTTCGGTGCTTTACCTGGTTTCTGCTGGTACCACGCCAG -3'
O1K5	5'- CAGCCAGCAGCTTGCAAAGCGGGGTCCCGTCCCGTTTTAGCGGCTCTGGATCCGGCACTGATTTTAC -3'
O1K6	5'- GATAATAGGTCGCAAAGTCTTCAGGTTGCAGGCTGCTAATGGTCAGGGTAAAATCAGTGCCGGATCC -3'
O2K1	5'- CGATATCGTGATGACCCAGAGCCCACTGAGCCTGCCAGTGACTCCGGGCGAGCC -3'
O2K2	5'- GCCGTTGCTATGCAGCAGGCTTTGGCTGCTTCTGCAGCTAATGCTCGCAGGCTCGCCCGGAGTCAC -3'
O2K3	5'- CTGCTGCATAGCAACGGCTATAACTATCTGGATTGGTACCTTCAAAAACCAGGTCAAAGCCC -3'
O2K4	5'- CGATCCGGGACCCCACTGGCACGGTTGCTGCCCAGATAAATTAATAGCTGCGGGCTTTGACCTGGTTTTTG -3'
O2K5	5'- AGTGGGGTCCCGGATCGTTTTAGCGGCTCTGGATCCGGCACCGATTTTACCCTGAAAATTAGCCGTGTG -3'
O2K6	5'- CCATGCAATAATACACGCCCACGTCTTCAGCTTCCACACGGCTAATTTTCAGGG -3'
O3K1	5'- GAATGCATACGCTGATATCGTGCTGACCCAGAGCCCGG -3'
O3K2	5'- CGCTCTGCAGCTCAGGGTCGCACGTTCGCCCGGAGACAGGCTCAGGGTCGCCGGGCTCTGGGTCAGC -3'
O3K3	5'- CCCTGAGCTGCAGAGCGAGCCAGAGCGTGAGCAGCAGCTATCTGGCGTGGTACCAG -3'
O3K4	5'- GCACGGCTGCTCGCGCCATAAATTAATAGACGCGGTGCTTGACCTGGTTTCTGCTGGTACCACGCCAGATAG -3'
O3K5	5'- GCGCGAGCAGCCGTGCAACTGGGGTCCCGGCGCGTTTTAGCGGCTCTGGATCCGGCACGGATTTTAC -3'
O3K6	5'- GATAATACACCGCAAAGTCTTCAGGTTCCAGGCTGCTAATGGTCAGGGTAAAATCCGTGCCGGATC -3'
O4K1	5'- GAATGCATACGCTGATATCGTGATGACCCAGAGCCCGGATAGCCTGGCG -3'
O4K2	5'- GCTTCTGCAGTTAATGGTCGCACGTTCGCCCAGGCTCACCGCCAGGCTATCCGGGC -3'
O4K3	5'- CGACCATTAACTGCAGAAGCAGCCAGAGCGTGCTGTATAGCAGCAACAACAAAAACTATCTGGCGTGGTACCAG -3'
O4K4	5'- GATGCCCAATAAATTAATAGTTTCGGCGGCTGACCTGGTTTCTGCTGGTACCACGCCAGATAG -3'
O4K5	5'- AAACTATTAATTTATTGGGCATCCACCCGTGAAAGCGGGGTCCCGGATCGTTTTAGCGGCTCTGGATCCGGCAC -3'
O4K6	5'- GATAATACACCGCCACGTCTTCAGCTTGCAGGGACGAAATGGTCAGGGTAAAATCAGTGCCGGATCCAGAGCC -3'
O1L1	5'- GAATGCATACGCTCAGAGCGTGCTGACCCAGCCGCCTTCAGTGAGTGG -3'
O1L2	5'- CAATGTTGCTGCTGCTGCCGCTACACGAGATGGTCACACGCTGACCTGGTGCGCCACTCACTGAAGGCGGC -3'
O1L3	5'- GGCAGCAGCAGCAACATTGGCAGCAACTATGTGAGCTGGTACCAGCAGTTGCCCGGGAC -3'
O1L4	5'- CCGGCACGCCTGAGGGACGCTGGTTGTTATCATAAATCAGCAGTTTCGGCGCCGTCCCGGGCAACTGC -3'
O1L5	5'- CCCTCAGGCGTGCCGGATCGTTTTAGCGGATCCAAAAGCGGCACCAGCGCGAGCCTTGCG -3'
O1L6	5'- CCGCTTCGTCTTCGCTTTGCAGGCCCGTAATCGCAAGGCTCGCGCTGG -3'
O2L1	5'- GAATGCATACGCTCAGAGCGCACTGACCCAGCCAGCTTCAGTGAGCGGC -3'
O2L2	5'- CGCTGCTAGTACCCGTACACGAGATGGTAATGCTCTGACCTGGTGAGCCGCTCACTGAAGCTGG -3'
O2L3	5'- GTACGGGTACTAGCAGCGATGTGGGCGGCTATAACTATGTGAGCTGGTACCAGCAGCATCCCGG -3'
O2L4	5'- CGCCTGAGGGACGGTTGCTCACATCATAAATCATCAGTTTCGGCGCCTTCCCGGGATGCTGCTGGTAC -3'
O2L5	5'- CAACCGTCCCTCAGGCGTGAGCAACCGTTTTAGCGGATCCAAAAGCGGCAACACCGCGAGCC -3'
O2L6	5'- CCGCTTCGTCTTCCGCTTGCAGGCCGCTAATGGTCAGGCTCGCGGTGTTGCCG -3'
O3L1	5'- GAATGCATACGCTAGCTATGAACTGACCCAGCCGCCTTCAGTGAGCG -3'
O3L2	5'- CGCCCAGCGCATCGCCGCTACACGAGATACGCGCGGTCTGACCTGGTGCAACGCTCACTGAAGGCGGC -3'
O3L3	5'- GGCGATGCGCTGGGCGATAAATACGCGAGCTGGTACCAGCAGAAACCCGGGCAGGCGC -3'
O3L4	5'- GCGTTCCGGGATGCCTGAGGGACGGTCAGAATCATCATAAATCACCAGAACTGGCGCCTGCCCGGGTTTC -3'
O3L5	5'- CAGGCATCCCGGAACGCTTTAGCGGATCCAACAGCGGCAACACCGCGACCCTGACCATTAGCGG -3'
O3L6	5'- CCGCTTCGTCTTCCGCCTGAGTGCCGCTAATGGTCAGGGTC -3'
O1246H1	5'- GCTCTTCACCCCTGTTACCAAAGCCCAGGTGCAATTG -3'
O1AH2	5'- GGCTTTGCAGCTCACTTTCACGCTGCTGCCCGGTTTTTTCACTTCCGCGCCAGACTGAACCAATTGCACCTGGGCTTTG -3'

Con't Supplementary Table II (2/3)

O1AH3	5'- GAAAGTGAGCTGCAAAGCCTCCGGAGGCACTTTTAGCAGCTATGCGATTAGCTGGGTGCGCCAAGCCCCTGGGCAGGGTC -3'
O1AH4	5'- GCCCTGAAACTTCTGCGCGTAGTTCGCCGTGCCAAAAATCGGAATAATGCCGCCCATCCACTCGAGACCCTGCCCAGGGGC -3'
O1AH5	5'- GCGCAGAAGTTTCAGGGCCGGGTGACCATTACCGCGGATGAAAGCACCAGCACCGCGTATATGGAACTGAGCAGCCTGCG -3'
O1ABH6	5'- GCGCGCAATAATACACGGCCGTATCTTCGCTACGCAGGCTGCTCAGTTCC -3'
O1BH2	5'- GGCTTTGCAGCTCACTTTCACGCTCGCGCCCGGTTTTTTCACTTCCGCGCCGCTCTGAACCAATTGCACCTGGGCTTTG -3'
O1BH3	5'- GAAAGTGAGCTGCAAAGCCTCCGGATATACCTTTACCAGCTATTATATGCACTGGGTCCGCCAAGCCCCTGGGCAGGGTC -3'
O1BH4	5'- GCCCTGAAACTTCTGCGCGTAGTTCGTGCCGCCGCTATTCGGGTTAATCCAGCCCATCCACTCGAGACCCTGCCCAGGGGC -3'
O1BH5	5'- GCGCAGAAGTTTCAGGGCCGGGTGACCATGACCCGTGATACCAGCATTAGCACCGCGTATATGGAACTGAGCAGCCTGCG -3'
O2H2	5'- GGTACAGGTCAGGGTCAGGGTTTGGGTCGGTTTCACCAGGGCCGGGCCGCTTTCTTTCAATTGCACCTGGGCTTTG -3'
O2H3	5'- CTGACCCTGACCTGTACCTTTTCCGGATTTAGCCTGTCCACGTCTGGCGTTGGCGTGGGCTGGATTCGCCAGCCGCCTGGGAAAG -3'
O2H4	5'- GCGTTTTCAGGCTGGTGCTATAATACTTATCATCATCCCAATCAATCAGAGCCAGCCACTCGAGGGCTTTCCCAGGCGGCTGG -3'
O2H5	5'- GCACCAGCCTGAAAACGCGTCTGACCATTAGCAAAGATACTTCGAAAAATCAGGTGGTGCTGACTATGACCAACATGG -3'
O2H6	5'- GCGCGCAATAATAGGTGGCCGTATCCACCGGGTCCATGTTGGTCATAGTCAGC -3'
O3H1	5'- CGAAGTGCAATTGGTGGAAAGCGGCGGCGGCCTGGTGCAACCGGGCGGCAG -3'
O3H2	5'- CATAGCTGCTAAAGGTAAATCCGGAGGCCGCGCAGCTCAGACGCAGGCTGCCGCCCGGTTGCAC -3'
O3H3	5'- GATTTACCTTTAGCAGCTATGCGATGAGCTGGGTGCGCCAAGCCCCTGGGAAGGGTCTCGAGTGGGTGAG -3'
O3H4	5'- GGCCTTTCACGCTATCCGCATAATAGGTGCTGCCGCCGCTACCGCTAATCGCGCTCACCCACTCGAGACCC -3'
O3H5	5'- CGGATAGCGTGAAAGGCCGTTTTACCATTTCACGTGATAATTCGAAAAACACCCTGTATCTGCAAATGAACAG -3'
O3H6	5'- CACGCGCGCAATAATACACGGCCGTATCTTCCGCACGCAGGCTGTTCATTTGCAGATACAGG -3'
O4H2	5'- GGTCAGGCTCAGGGTTTCGCTCGGTTTCACCAGGCCCGGACCACTTTCTTGCAATTGCACCTGGGCTTTG -3'
O4H3	5'- GAAACCCTGAGCCTGACCTGCACCGTTTCCGGAGGCAGCATTAGCAGCTATTATTGGAGCTGGATTCGCCAGCCGC -3'
O4H4	5'- GATTATAGTTGGTGCTGCCGCTATAATAAATATAGCCAATCCACTCGAGACCCTTCCCAGGCGGCTGGCGAATCCAG -3'
O4H5	5'- CGGCAGCACCAACTATAATCCGAGCCTGAAAAGCCGGGTGACCATTAGCGTTGATACTTCGAAAAACCAGTTTAGCCTG -3'
O4H6	5'- GCGCGCAATAATACACGGCCGTATCCGCCGCCGTCACGCTGCTCAGTTTCAGGCTAAACTGGTTTTTCG -3'
O5H1	5'- GCTCTTCACCCCTGTTACCAAAGCCGAAGTGCAATTG -3'
O5H2	5'- CCTTTGCAGCTAATTTTCAGGCTTTCGCCCGGTTTTTTCACTTCCGCGCCGCTCTGAACCAATTGCACTTCGGCTTTGG -3'
O5H3	5'- CCTGAAAATTAGCTGCAAAGGTTCCGGATATTCCTTTACGAGCTATTGGATTGGCTGGGTGCGCCAGATGCCTGG -3'
O5H4	5'- CGGAGAATAACGGGTATCGCTATCGCCCGGATAAATAATGCCCATCCACTCGAGACCCTTCCCAGGCATCTGGCGCAC -3'
O5H5	5'- CGATACCCGTTATTCTCCGAGCTTTCAGGGCCAGGTGACCATTAGCGCGGATAAAAGCATTAGCACCGCGTATCTTC -3'
O5H6	5'- GCGCGCAATAATACATGGCCGTATCGCTCGCTTTCAGGCTGCTCCATTGAAGATACGCGGTGCTAATG -3'
O6H2	5'- GAAATCGCACAGGTCAGGCTCAGGGTTTGGCTCGGTTTCACCAGGCCCGGACCAGACTGTTGCAATTGCACCTGGGCTTTG -3'
O6H3	5'- GCCTGACCTGTGCGATTTCCGGAGATAGCGTGAGCAGCAACAGCGCGGCGTGGAACTGGATTCGCCAGTCTCCTGGGCG -3'
O6H4	5'- CACCGCATAATCGTTATACCATTTGCTACGATAATAGGTACGGCCCAGCCACTCGAGGCCACGCCCAGGAGACTGGCG -3'
O6H5	5'- GGTATAACGATTATGCGGTGAGCGTGAAAAGCCGGATTACCATCAACCCGGATACTTCGAAAAACCAGTTTAGCCTGC -3'
O6H6	5'- GCGCGCAATAATACACGGCCGTATCTTCCGGGGTCACGCTGTTCAGTTGCAGGCTAAACTGGTTTTTC -3'
OCLK1	5'- GGCTGAAGACGTGGGCGTGTATTATTGCCAGCAGCATTATACCACCCCGCCGACCTTTGGCCAGGGTAC -3'
OCLK2	5'- GCGGAAAAATAAACACGCTCGGAGCAGCCACCGTACGTTTAATTTCAACTTTCGTACCCTGGCCAAAGGTC -3'
OCLK3	5'- GAGCGTGTTTATTTTTCCGCCGAGCGATGAACAACTGAAAAGCGGCACGGCGAGCGTGGTGTGCCTGCTG -3'
OCLK4	5'- CAGCGCGTTGTCTACTTTCCACTGAACTTTCGCTTCACGCGGATAAAAGTTGTTCAGCAGGCACACCACGC -3'
OCLK5	5'- GAAAGTAGACAACGCGCTGCAAAGCGGCAACAGCCAGGAAAGCGTGACCGAACAGGATAGCAAAGATAG -3'
OCLK6	5'- GTTTTTCATAATCCGCTTTGCTCAGGGTCAGGGTGCTGCTCAGAGAATAGGTGCTATCTTTGCTATCCTGTTCG -3'
OCLK7	5'- GCAAAGCGGATTATGAAAAACATAAAGTGTATGCGTGCGAAGTGACCCATCAAGGTCTGAGCAGCCCGGTG -3'
OCLK8	5'- GGCATGCTTATCAGGCCTCGCCACGATTAAAAGATTTAGTCACCGGGCTGCTCAGAC -3'
OLdaCDR-A	5'- AGCGGATTATTATTGCCAGCAGCATTATACCACCCCGCCTGTGTTTGGCGGCGGCACGAAGTT -3'
OLda-CDR-B	5'- AACTTCGTGCCGCCGCCAAACACAGGCGGGGTGGTATAATGCTGCTGGCAATAATAATC -3'

Con't Supplementary Table II (3/3)

OLdaN-AII	5'- AACCGTTCTTGGCCAGCCGAAAGCCGCACCGAGTGTGACGCTGTTT -3'
OLdaN-BII	5'- TTCGCTGCTCGGCGGAAACAGCGTCACACTCGGTGCGGCTTTCGGCTGGCCAAGAACGGTT -3'
OLdaN-C	5'- CCGCCGAGCAGCGAAGAATTGCAGGCGAACAAAGCGACCCTGGTGTGCCTGATTAGCGACTTTTATCCGGGAGCCGTGACAG -3'
OLdaN-D	5'- CCTTCCAGGCCACTGTCACGGCTCCCGGATAAAAGTCGCTAATCAGGCACACCAGGGTCGCTTTGTTCGCCTGCAATTC -3'
OLdaN-E	5'- TGGCCTGGAAGGCAGATAGCAGCCCCGTCAAGGCGGGAGTGGAGACCACCACACCCTCCAAACAAAGCAACAACAAGTACGC -3'
OLdaN-F	5'- GCTGCTGGCCGCGTACTTGTTGTTGCTTTGTTTGGAGGGTGTGGTGGTCTCCACTCCCGCCTTGACGGGGCTGCTATCTG -3'
OLdaN-G	5'- GGCCAGCAGCTATCTGAGCCTGACGCCTGAGCAGTGGAAGTCCCACAGAAGCTACAGCTGCCAGGTCACGCATGAGGGGAGCAC -3'
OLdaN-H	5'- CACGGTGCTCCCCTCATGCGTGACCTGGCAGCTGTAGCTTCTGTGGGACTTCCACTGCTCAGGCGTCAGGCTCAGATA -3'
OLdaC-AII	5'- CGTGGAAAAAACCGTTGCGCCGACTGAGGCCTGATAAGCATG -3'
OLadaC-BII	5'- CTTATCAGGCCTCAGTCGGCGCAACGGTTTTTTC -3'
OCH1	5'- GGCGTCTAGAGGCCAAGGCACCCTGGTGACGGTTAGCTCAGCGTCGAC -3'
OCH2	5'- GTGCTTTTGCTGCTCGGAGCCAGCGGAAACACGCTTGGACCTTTGGTCGACGCTGAGCTAACC -3'
OCH3	5'- CTCCGAGCAGCAAAAGCACCAGCGGCGGCACGGCTGCCCTGGGCTGCCTGGTTAAAGATTATTTCC -3'
OCH4	5'- CTGGTCAGCGCCCCGCTGTTCCAGCTCACGGTGACTGGTTCCGGGAAATAATCTTTAACCAGGCA -3'
OCH5	5'- AGCGGGGCGCTGACCAGCGGCGTGCATACCTTTCCGGCGGTGCTGCAAAGCAGCGGCCTG -3'
OCH6	5'- GTGCCTAAGCTGCTGCTCGGCACGGTCACAACGCTGCTCAGGCTATACAGGCCGCTGCTTTGCAG -3'
OCH7	5'- GAGCAGCAGCTTAGGCACTCAGACCTATATTTGCAACGTGAACCATAAACCGAGCAACACC -3'
OCH8	5'- GCGCGAATTCGCTTTTCGGTTCCACTTTTTTATCCACTTTGGTGTTGCTCGGTTTATGG -3'
OHCDR3P	5'- GCGCGCGTTGGGGCGGCGATGGCTTTTATGCGATGGATTATTGGGGC -3'
OHCDR3M	5'- CTTGGCCCCAATAATCCATCGCATAAAAGCCATCGCCGCCCCAACGCGCGCTGCA -3'
OHLLiP	5'- TCAGCGGGTGGCGGTTCTGGCGGCGGTGGGAGCGGTGGCGGTGGTTCTGGCGGTGGTGGTTCCGATATCGGTCCACGTACGG -3'
OHLLiM	5'- AATTCCGTACGTGGACCGATATCGGAACCACCACCGCCAGAACCACCGCCACCGCTCCCACCGCCGCCAGAACCGCCACCCGC -3'
OLHLiP	5'- GTACGGGTGGTGGCGGTTCTGGCGGCGGTGGGAGCGGTGGCGGTGGTTCTGGCGGTGGTGGTTCCCAAGTGCAATTGGTTAGCTCAGCGGAATTCGCATG -3'
OLHLiM	5'- CGAATTCCGCTGAGCTAACCAATTGCACTTGGGAACCACCACCGCCAGAACCACCGCCACCGCTCCCACCGCCGCCAGAACCGCCACCACCC -3'
OL1Fw1DIP	5'- ATCGTGCTGACCCAGCCGCCTTCAG -3'
OL2Fw1DIP	5'- ATCGCACTGACCCAGCCAGCTTCAG -3'
OL3Fw1DIP	5'- ATCGAACTGACCCAGCCGCCTTCAG -3'
OLFw4M	5'- TGGCCAAGAACGGTTAACTTCGTG -3'
OLEco5	5'- CCAGGAATTCTGATA -3'
OLEco3	5'- AGCTTATCAGAATTCCTGG -3'
O3HCDR35	5'- GATACGGCCGTGTATTATTGC -3'
O3HCDR33	5'- CAGGGTGCCTTGGCCCC -3'
OH3L5	5'- GTACCCGCGTCGGCCGTG -3'
OH3L3	5'- CACCAGGGTGCCTTGGCCCC -3'
O5phoA	5’- CTAGAGCATGCGTAGGAGAAAATAAAATGAAACAAAGCACTATTGCACTGGCACTCTTACCGTTGCTCTTCACCCCTGTTACCAAAGCCG –3’
O3phoA	5’- AATTCGGCTTTGGTAACAGGGGTGAAGAGCAACGGTAAGAGTGCCAGTGCAATAGTGCTTTGTTTCATTTTATTTTCTCCTACGCATGCT –3’
O5phoA_F	5’- CCCCTGTTACCAAAGCCGACTACAAAGATGAAGTGCAATTGG –3’
O3phoA_F	5’- AATTCCAATTGCACTTCATCTTTGTAGTCGGCTTTGGTAACAG –3’
O5stII	5’- CTAGAGGTTGAGGTGATTTTATGAAAAAGAATATCGCATTTCTTCTTGCATCTATGTTCGTTTTTTCTATTGCTACAAATGCATACGCTG –3’
O3stII	5’- AATTCAGCGTATGCATTTGTAGCAATAGAAAAAACGAACATAGATGCAAGAAGAAATGCGATATTCTTTTTCATAAAATCACCTCAACCT –3’
O5stII_F	5’- TACGCTGACTACAAAGATGAAGATATCG –3’
O3stII_F	5’- AATTCGATATCTTCATCTTTGTAGTCAGCGTATGCA –3’

All oligonucleotides which have been synthesized are listed here with their original name. Their use is described in the Materials & Methods section.