

Table S1. Sequences of the primers and siRNAs used.

| Gene name           | Sense sequence, 5'-3' | Antisense sequence, 3'-5' |
|---------------------|-----------------------|---------------------------|
| NUDT11              | GAACAGCAAAGATGTCCA    | CACACACATGGTGCCTGGA       |
| EIF3D               | CTGGAGGAGGGCAAATAC    | CTCGGTGGAAGGACAAAC        |
| GEMIN5              | GGCTTTCTCTTCTGTGGAC   | TCTGTGGAGGCTTGTGGA        |
| CYFIP1              | CCAACTACTGCTACAACGG   | CATCACCTCCATCAGCGTC       |
| si-GEMIN5#1         | UGUUUUUGUCUCUACAUC    | GGAUGUAGAGACAAAAAC        |
| si-GEMIN5#2         | AUACUAUUAAGUCCUUA     | GUAAAGGACUAAUAGUA         |
| si-negative control | UCUUCUUCGUAUAUGCC     | CAUGAGUAAGAGUACAAA        |
| $\beta$ -actin      | TCGTGCGTGACATTAAGGA   | GGCGTACAGGTCTTTGCGG       |

NUDT11, nudix hydrolase 11; EIF3D, eukaryotic translation initiation factor 3; GEMIN5, gem nuclear organelle-associated protein 5; CYFIP1, cytoplasmic FMR1 interacting protein 1; si, small interfering.