

Data S2. siRNA oligonucleotide sequences, related to STAR Methods.

| Reagent type | Designation | Source or reference | References/ Identifiers | Additional information |
|-----------------|---|---------------------|-------------------------|------------------------|
| Oligonucleotide | 5'-CUUCCUCUCUUUCUCUCCCUUGUGATT-3' (scramble) | Sigma-Aldrich | | |
| Oligonucleotide | 5'-CCAGGACUACGAGGCGCUGTT-3' (m-calpain) | Sigma-Aldrich | S179 | 50nM, 96h |
| Oligonucleotide | 5'-AAGCAUGCCGUGAAACGUAUATT-3' (Nuf2_Oligo1) | Sigma-Aldrich | S1 | 50nM, 24h |
| Oligonucleotide | 5'-GCAUGCCGUGAAACGUAUATT-3' (Nuf2_Oligo2) | Dharmacon | S180 | 50nM, 24h |
| Oligonucleotide | 5'-GCUCAGUAUCAGAGAGAAUTT-3' (Beclin-1) | Sigma-Aldrich | S4 | 50nM, 48h |
| Oligonucleotide | 5'-GCACAGCUCUGAAGACACCTT-3' (CLIP-170) | Sigma-Aldrich | S5 | 50nM, 96h |
| Oligonucleotide | 5'-GAGGAAACCUCAAUUGUATT-3' (ATRX_Oligo1) | Sigma-Aldrich | S7 | 50nM, 72h |
| Oligonucleotide | 5'-GCAGAGAAAUUCCUAAAGATT-3' (ATRX_Oligo2) | Sigma-Aldrich | S7 | 50nM, 72h |
| Oligonucleotide | 5'-GCUGAGAACAAGAGUCATT-3' (SPICE) | Sigma-Aldrich | S8 | 50nM, 48h |
| Oligonucleotide | 5'-CCAGGAUAGCAAGCUCUCAATT-3' (CHICA) | Sigma-Aldrich | S10 | 50nM, 48h |
| Oligonucleotide | 5'-GCUGCAUGGAAGAGCUGUUTT-3' (CDCA4) | Sigma-Aldrich | S12 | 50nM, 96h |
| Oligonucleotide | 5'-GGAUUGGCAUCCUGUGAAATT-3' (Kif2a_Oligo1) | Sigma-Aldrich | S13 | 50nM, 72h |
| Oligonucleotide | 5'-GGCAAAGAGAUUGACCGGTT-3' (Kif2a_Oligo 2) | Sigma-Aldrich | S14 | 50nM, 72h |
| Oligonucleotide | 5'-UUCUCAUGAUGCGUGCCAGGAUGATT-3' (HIP1r) | Sigma-Aldrich | S15 | 50nM, 96h |
| Oligonucleotide | 5'-AGAUGAUGAUGAUGAUUUTT-3' (Nucleophosmin) | Sigma-Aldrich | S16 | 50nM, 48h |
| Oligonucleotide | 5'-AAGAGAAGACCCCAAGUCAUCTT-3' (CENP-F) | Sigma-Aldrich | S17 | 50nM, 72h |
| Oligonucleotide | 5'-AACAGACUUUUUCAUUGGAGGTT-3' (NudC) | Sigma-Aldrich | S19 | 50nM, 48h |
| Oligonucleotide | 5'-CUACCGACACCAGAGUAATT-3' (RRS1) | Sigma-Aldrich | S21 | 50nM, 72h |
| Oligonucleotide | 5'-GGUUGGAGAUUACUUCUATT-3' (KIBRA) | Sigma-Aldrich | S22 | 50nM,96h |
| Oligonucleotide | 5'-AGAGUUUGCUUCAUUCGAATT-3' (Nucleolin) | Sigma-Aldrich | S23 | 50nM, 96h |
| Oligonucleotide | 5'-AAGCAAGACUUCAGUAGCATT-3' (DDA3_Oligo1) | Sigma-Aldrich | S13 | 50nM, 72h |
| Oligonucleotide | 5'-CCACCGAAGTGACCCAAATTT-3' (DDA3_Oligo 2) | Sigma-Aldrich | S13 | 50nM, 24h |
| Oligonucleotide | 5'-AAAUACCACAAUGACCCAAGATT-3' (Bub1_oligo1) | Sigma-Aldrich | S29 | 50nM, 48h |
| Oligonucleotide | 5'-GAGUGAUCACGAUUUCUAUTT-3' (Bub1_oligo2) | Dharmacon | S181 | 50nM, 48h |
| Oligonucleotide | 5'-AACGGGCAUUUGAAUAUGAAATT-3' (BubR1_Oligo1) | Sigma-Aldrich | S32 | 50nM, 48h |
| Oligonucleotide | 5'-AAAGAUCCUGGCUAACUGUUCTT-3' (BubR1_Oligo2) | Dharmacon | S33 | 50nM, 48h |
| Oligonucleotide | 5'-AAUCCAGGCUCAUGAUAAATT-3' (Ska3_Oligo1) | Sigma-Aldrich | S34 | 50nM, 24h |
| Oligonucleotide | 5'-AGACAAACAUGAACAUUAATT-3' (Ska3_Oligo2) | Sigma-Aldrich | S35 | 50nM, 48h |
| Oligonucleotide | 5'-AAGGAGAUACUCAAAAACAUAGTT-3' (TPX2) | Sigma-Aldrich | S39 | 50nM, 96h |
| Oligonucleotide | 5'-AUUUCUAGCAGCAUGGACUGUCCCTT-3' (Nup188_Oligo1) | Sigma-Aldrich | S41 | 50nM, 96h |

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| Oligonucleotide | 5'-GGUAGUAGGCAGACCAAUATT-3' (Nup188_Oligo2) | Sigma-Aldrich | S182 | 50nM, 96h |
| Oligonucleotide | 5'-GCAAUUGAUUACCCAGUUATT-3' (Kif4a_Oligo1) | Sigma-Aldrich | S42 | 50nM, 96h |
| Oligonucleotide | 5'-GAAAGATCCTGGCTCAAGATT-3' (Kif4a_Oligo2) | Sigma-Aldrich | S42 | 50nM, 96h |
| Oligonucleotide | 5'-UGAUCAAUGUGCUGUUAATT-3' (Zw10_Oligo1) | Sigma-Aldrich | S183 | 50nM, 72h |
| Oligonucleotide | 5'-CCACGAAGUGAUGAAUUUATT-3' (Zw10_Oligo2) | Dharmacon | S184 | 50nM, 48h |
| Oligonucleotide | 5'-CCAUAUGUGGCUACUACUGAAUUU-3' (CENP-L) | Sigma-Aldrich | S45 | 50nM, 96h |
| Oligonucleotide | 5'-AAGCACCAAGAAGCUGAGAAUTT-3' (NUSAP1) | Sigma-Aldrich | S46 | 50nM, 96h |
| Oligonucleotide | 5'-GAACUCUCGU AUGCUAAGATT-3' (SAF-A) | Sigma-Aldrich | S48 | 50nM, 24h |
| Oligonucleotide | 5'-GCCUGAUCUUCUCUCCATT-3' (Tastin) | Sigma-Aldrich | S49 | 50nM, 96h |
| Oligonucleotide | 5'-AACAAUUCACCGUCGUCCUCUTT-3' (Tankyrase-1) | Sigma-Aldrich | S50 | 50nM, 72h |
| Oligonucleotide | 5'-CCCGCUAACCUAUAAUCAATT-3' (Ska1_Oligo1) | Sigma-Aldrich | S52 | 50nM, 48h |
| Oligonucleotide | 5'-GGACUUACUCGUUAUGUUATT-3' (Ska1_Oligo2) | Dharmacon | S185 | 50nM, 24h |
| Oligonucleotide | 5'-AAUGACUCGAUCAGCUACUCATT-3' (HURP_oligo1) | Sigma-Aldrich | S54 | 50nM, 48h |
| Oligonucleotide | 5'-UACUUUGAAUUCACAAACUAATT-3' (HURP-oligo2) | Dharmacon | S76 | 50nM, 48h |
| Oligonucleotide | 5'-CCCUGGCGAUCUGGAUGUCUUUGUU-3' (Aki) | Sigma-Aldrich | S58 | 50nM, 96h |
| Oligonucleotide | 5'-GAAAGUCUGUGUAGAACAUUU-3' (4.1r) | Sigma-Aldrich | S59 | 50nM, 72h |
| Oligonucleotide | 5'-GGGAGAACUUGAUGUUGGUGAUUCGTT-3' (HICE1) | Sigma-Aldrich | S60 | 50nM, 48h |
| Oligonucleotide | 5'-AAGAAUCAAGACUAAUCAUCTT-3' (Ska2) | Sigma-Aldrich | S52 | 50nM, 72h |
| Oligonucleotide | 5'-ACCAACAACAGUGCCAUAATT-3' (Kif18a_oligo 1) | Sigma-Aldrich | S62 | 50nM, 24h |
| Oligonucleotide | 5'-ACAGAUUCGUGAUCUCUUATT-3' (Kif18a_oligo 2) | Dharmacon | S66 | 50nM, 24h |
| Oligonucleotide | 5'-CACGGGCGCGGAGGUGGAUUATT-3' (TACC3_Oligo1) | Sigma-Aldrich | S186 | 50nM, 48h |
| Oligonucleotide | 5'-GUUACCGGAAGAUCGUCUGTT-3' (TACC3_Oligo2) | Dharmacon | S68 | 50nM, 48h |
| Oligonucleotide | 5'-GGAGAAAGAUUGGAGACGAUTT-3' (CLERC_Oligo1) | Sigma-Aldrich | S73 | 50nM, 24h |
| Oligonucleotide | 5'-CAGAUAGGCUAAAGGAAUTT-3' (CLERC_Oligo2) | Sigma-Aldrich | S73 | 50nM, 72h |
| Oligonucleotide | 5'-AAGCGAUUUGAGCGUGUCCAATT-3' (Kizuna) | Sigma-Aldrich | S74 | 50nM, 72h |
| Oligonucleotide | 5'-AAGACGCUCAGCAGACAUGUGGATT-3' (ILK) | Sigma-Aldrich | S186 | 50nM, 96h |
| Oligonucleotide | 5'-AGGCUACAAACCACUGAGUAATT-3' (Kinastrin) | Sigma-Aldrich | S76 | 50nM, 96h |
| Oligonucleotide | 5'-UAUGAGCAUUGAGGCAGAGTT-3' (Ninein) | Sigma-Aldrich | S80 | 50nM, 96h |
| Oligonucleotide | 5'-GGCGUGGCAGGAGAAGUUCTT-3' (NuMA) | Sigma-Aldrich | S80 | 50nM, 96h |
| Oligonucleotide | 5'-GCAGUAACCAAGCGAUACATT-3' (Rae1_Oligo1) | Sigma-Aldrich | S83 | 50nM, 72h |
| Oligonucleotide | 5'-GAGUUGCUAUUCACUAUAUTT-3' (Rae1_Oligo2) | Sigma-Aldrich | S84 | 50nM, 48h |
| Oligonucleotide | 5'-AAGGACAGUGGGAUUGUAGUGTT-3' (RanBP2_Oligo1) | Sigma-Aldrich | S85 | 50nM, 72h |

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| Oligonucleotide | 5'-AACAAACACCAAAGCAGUGGUTT-3' (RanBP2_Oligo2) | Sigma-Aldrich | S85 | 50nM, 72h |
| Oligonucleotide | 5'-GAAAGGGUCUCAACUGAATT-3' (Spindly) | Sigma-Aldrich | S86 | 50nM, 48h |
| Oligonucleotide | 5'-GAGUUGCCAAAGGCUUAUATT-3' (STARD9) | Sigma-Aldrich | S187 | 50nM, 72h |
| Oligonucleotide | 5'-GCAGAUGCCAGCCACUGUATT-3' (CAMKII γ) | Sigma-Aldrich | SASI_Hs01_0 0118118 | 50nM, 24h |
| Oligonucleotide | 5'-GAACUAAGAAGAAGCGUAUTT-3' (CENP-E_Oligo1) | Sigma-Aldrich | S90 | 50nM, 24h |
| Oligonucleotide | 5'-AAGGCUACAAUGGUACUAUATT-3' (CENP-E_Oligo2) | Dharmacon | S29 | 50nM, 24h |
| Oligonucleotide | 5'-AAGCAAUGAGCUGUUUGAAGATT-3' (CHC17 clatrin) | Sigma-Aldrich | S188 | 50nM, 96h |
| Oligonucleotide | 5'-UUGCAGAU CGCUGGACUUCAATT-3' (CEP72_Oligo1) | Sigma-Aldrich | S96 | 50nM, 72h |
| Oligonucleotide | 5'-GAGUUUAACAGGUCUGAAATT-3' (CEP72_Oligo2) | Sigma-Aldrich | SASI_Hs02_0 0351368 | 50nM, 96h |
| Oligonucleotide | 5'-GCAGCUGACAGACAUUATT-3' (CEP90_Oligo1) | Sigma-Aldrich | S97 | 50nM, 48h |
| Oligonucleotide | 5'-CACCUUAGAGCAAACUGUUTT-3' (CEP90_Oligo2) | Sigma-Aldrich | SASI_HS01_0 0230208 | 50nM, 96h |
| Oligonucleotide | 5'-GGAUGAUUUACAAGACUGGTT-3' (CLASP1b) | Sigma-Aldrich | S98 | 50nM, 48h |
| Oligonucleotide | 5'-GACAUACAUGGGUCUUAGATT-3' (CLASP2b) | Sigma-Aldrich | S98 | 50nM, 48h |
| Oligonucleotide | 5'-AACGCGGCACUUCACAAUUGATT-3' (Aurora B_Oligo1) | Sigma-Aldrich | S101 | 50nM, 24h |
| Oligonucleotide | 5'-AAGGUGAUGGAGAAUAGCAGUTT-3' (Aurora B_Oligo2) | Dharmacon | S102 | 50nM, 48h |
| Oligonucleotide | 5'-UCCCCACAACUCACAGAGAAATT-3' (Astrin_Oligo1) | Sigma-Aldrich | S104 | 50nM, 48h |
| Oligonucleotide | 5'-CUACAGAGCCUGACUCUCUTT-3' (Astrin_Oligo2) | Dharmacon | S189 | 50nM, 48h |
| Oligonucleotide | 5'-AUGCCCUGUCUUACUGUCATT-3' (Aurora A_Oligo1) | Sigma-Aldrich | S190 | 50nM, 24h |
| Oligonucleotide | 5'-AUGCCCUGUCUUACUGUCATT-3' (Aurora A_Oligo2) | Dharmacon | S191 | 50nM, 24h |
| Oligonucleotide | 5'-CUCAGAAGAACCGACGGAATT-3' (INCENP) | Sigma-Aldrich | SASI_Hs01_0 0219348 | 50nM, 24h |
| Oligonucleotide | 5'-GGCUUUAUCGGGCUGAACUTT-3' (Haspin_Oligo1) | Sigma-Aldrich | SASI_Hs02_0 0359157 | 50nM, 48h |
| Oligonucleotide | 5'-GCUUUGAGCACCGAGACUUTT-3' (Haspin_Oligo2) | Sigma-Aldrich | SASI_Hs01_0 0243245 | 50nM, 72h |
| Oligonucleotide | 5'-CCUUCAAUGUGCCCGCUCUTT-3' (ARP1) | Sigma-Aldrich | SASI_Hs01_0 0015229 | 50nM, 48h |
| Oligonucleotide | 5'-CUGCAAAUAUCCAGGAUCUTT-3' (Spc25_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0193697 | 50nM, 24h |
| Oligonucleotide | 5'-AAGCGAAUGCAGAGAGGUUGATT-3' (Spc25_Oligo2) | Dharmacon | S115 | 50nM, 24h |
| Oligonucleotide | 5'-CAUAGUAAUUGGCAGAUUATT-3' (DYNLT3_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0147343 | 50nM, 96h |
| Oligonucleotide | 5'-GGGAGAACCGGACCAUGAATT-3' (DYNLT3_Oligo2) | Sigma-Aldrich | SASI_Hs02_0 0341758 | 50nM, 72h |
| Oligonucleotide | 5'-GAUUCAGAAUCCAACCGAATT-3' (DYNLRB1) | Sigma-Aldrich | SASI_Hs01_0 0158744 | 50nM, 48h |
| Oligonucleotide | 5'-CUCAACUUUACCACCAAGUUATT-3' (Spc24_Oligo1) | Sigma-Aldrich | S113 | 50nM, 48h |
| Oligonucleotide | 5'-AAGGAGAUUGAGCGGAUCUGTT-3' (Spc24_Oligo2) | Dharmacon | S115 | 50nM, 48h |
| Oligonucleotide | 5'-GGAUGAAGCAAGAGAUUUATT-3' (NdeL1) | Sigma-Aldrich | SASI_Hs01_0 0228104 | 50nM, 48h |
| Oligonucleotide | 5'-GAGACAAGACUAUUAAGAUUTT-3' (LIS1) | Sigma-Aldrich | SASI_Hs01_0 0019092 | 50nM, 48h |

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| Oligonucleotide | 5'-CAGCUAUUGCCACAGGGUUTT-3' (HSET) | Sigma-Aldrich | SASI_Hs01_0 0185148 | 50nM, 48h |
| Oligonucleotide | 5'-GCUUGAAUCAGGCCAUCGATT-3' (Nde1) | Sigma-Aldrich | SASI_Hs01_0 0074363 | 50nM, 48h |
| Oligonucleotide | 5'-GAUGCAUAUGAAGACUUUATT-3' (DLIC2) | Sigma-Aldrich | SASI_Hs01_0 0014533 | 50nM, 72h |
| Oligonucleotide | 5'-CCAUUUCGCACGUAGCAGATT-3' (HAUS6_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0105872 | 50nM, 48h |
| Oligonucleotide | 5'-CUAAUUGACUCUCUGGGUUTT-3' (HAUS6_Oligo2) | Sigma-Aldrich | SASI_Hs01_0 0105873 | 50nM, 48h |
| Oligonucleotide | 5'-GUAUCUGAAUGCUUUGGUUTT-3' (HAUS1_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0107510 | 50nM, 48h |
| Oligonucleotide | 5'-AAGGAUACCUCGCUAGCUAGUTT-3' (HAUS1_Oligo2) | Sigma-Aldrich | S121 | 50nM, 48h |
| Oligonucleotide | 5'-GAAACUCAGACUCCAGUUATT-3' (DIC2) | Sigma-Aldrich | SASI_Hs01_0 0129736 | 50nM, 48h |
| Oligonucleotide | 5'-CAGACUUGGCCCAGUGUUUTT-3' (survivin) | Sigma-Aldrich | SASI_Hs01_0 0052228 | 50nM, 24h |
| Oligonucleotide | 5'-GAUUUACGGGAAGAUUUGATT-3' (CPAP) | Sigma-Aldrich | SASI_Hs01_0 0069692 | 50nM, 96h |
| Oligonucleotide | 5'-GAAUUGCAGCAGACUAAUATT-3' (Ndc80_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0138654 | 50nM, 24h |
| Oligonucleotide | 5'-AAGUUCAAAAGCUGGAUGAUCTT-3' (Ndc80_Oligo2) | Dharmacon | S192 | 50nM, 24h |
| Oligonucleotide | 5'-CCUCUAAGGGAAUUCAGGATT-3' (Borealin) | Sigma-Aldrich | SASI_Hs01_0 0153657 | 50nM, 48h |
| Oligonucleotide | 5'-CUACUACUUCUACCCUCCUTT-3' (Scc1/Rad21) | Sigma-Aldrich | SASI_Hs01_0 0195799 | 50nM, 48h |
| Oligonucleotide | 5'-GCAAUACAGUGGGACAGUUTT-3' (Myosin10) | Sigma-Aldrich | SASI_Hs01_0 0072460 | 50nM, 96h |
| Oligonucleotide | 5'-GCUGCACCAUGCCAAAUAATT-3' (Sgo1) | Sigma-Aldrich | SASI_Hs01_0 0168960 | 50nM, 24h |
| Oligonucleotide | 5'-GAGAAUGCCCAGUUAUUGATT-3' (HAUS3) | Sigma-Aldrich | SASI_Hs01_0 0073692 | 50nM, 48h |
| Oligonucleotide | 5'-GAUUAAGGCUGUUAGUCUUTT-3' (HAUS3) | Sigma-Aldrich | SASI_Hs01_0 0073693 | 50nM, 48h |
| Oligonucleotide | 5'-GAACUAGACUUGGUUAAUUTT-3' (DHC) | Sigma-Aldrich | SASI_Hs01_0 0028998 | 50nM, 24h |
| Oligonucleotide | 5'-CAGUAGUGGCCAGGCUUCATT-3' (CENP-T_Oligo1) | Sigma-Aldrich | S193 | 50nM, 48h |
| Oligonucleotide | 5'-AAGUAGAGCCCUACACGATT-3' (CENP-T_Oligo 2) | Dharmacon | S194 | 50nM, 24h |
| Oligonucleotide | 5'-GGAUGAAGUUAGAGAAAAUTT-3' (MLL) | Sigma-Aldrich | S138 | 50nM, 24h |
| Oligonucleotide | 5'-CAGAUAAAGCGGAAGGCUCTT-3' (CENP-W) | Sigma-Aldrich | S139 | 50nM, 72h |
| Oligonucleotide | 5'-AAGGUGAAUUAUGGCCUGUCTT-3' (Shp2_Oligo1) | Sigma-Aldrich | S140 | 50nM, 48h |
| Oligonucleotide | 5'-GGUUGCUACGGCUUAUCAUTT-3' (Shp2_Oligo2) | Sigma-Aldrich | S195 | 50nM, 72h |
| Oligonucleotide | 5'-GAAUCGUUAUCUACUCACATT-3' (ASURA/PHB2) | Sigma-Aldrich | S141 | 50nM, 24h |
| Oligonucleotide | 5'-UGGUUGAUGCAAGUGAAGATT-3' (CENP-H_Oligo1) | Sigma-Aldrich | S143 | 50nM, 48h |
| Oligonucleotide | 5'-AGAUUGAUUUGGACAGUAUTT-3' (CENP-H_Oligo2) | Dharmacon | S194 | 50nM, 48h |
| Oligonucleotide | 5'-GUUGGCUAGAAUUGGAAATT-3' (Kif14_Oligo1) | Sigma-Aldrich | S145 | 50nM, 48h |
| Oligonucleotide | 5'-GGCUCAGCAAGAGCUUUCUUCUAATT-3' (Kif14_Oligo2) | Sigma-Aldrich | S196 | 50nM, 48h |
| Oligonucleotide | 5'-UUAGCAGUCACUCUCCACTT-3' (WDR5) | Sigma-Aldrich | S138 | 50nM, 48h |
| Oligonucleotide | 5'-CTAAGAGTTTGAAGTCTAATT-3' (TAO1) | Sigma-Aldrich | S147 | 50nM, 72h |

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| Oligonucleotide | 5'-UGCUUUGUUGAACACAUCCTT-3' (Nup88) | Sigma-Aldrich | S197 | 50nM, 72h |
| Oligonucleotide | 5'-GAGAGAGGUCAAGCUGUGUGATT-3' (ASB7) | Sigma-Aldrich | S150 | 50nM, 96h |
| Oligonucleotide | 5'-AAGATGGTCAAGAAGGCAGCATT-3' (And-1_Oligo1) | Sigma-Aldrich | S198 | 50nM, 72h |
| Oligonucleotide | 5'-GAUGGUCAAGAAGGCAGCATT-3' (And-1_Oligo2) | Sigma-Aldrich | S199 | 50nM, 72h |
| Oligonucleotide | 5'-ACGACUACAUUGAUAGUAAATT-3' (Septin-7) | Sigma-Aldrich | S152 | 50nM, 96h |
| Oligonucleotide | 5'-ACCUUGAUACUCAAUCAGGTT-3' (ANKRD53) | Sigma-Aldrich | S153 | 50nM, 96h |
| Oligonucleotide | 5'-CGGACAAGCUGAACGAACATT-3' (TRAMM) | Sigma-Aldrich | S154 | 50nM, 24h |
| Oligonucleotide | 5'-AAGGUGAAUUAUUGUGCCUGUCTT-3' (Septin-2_Oligo1) | Sigma-Aldrich | S155 | 50nM, 48h |
| Oligonucleotide | 5'-GGUGAAUUAUUGUGCCUGUCTT-3' (Septin-2_Oligo2) | Sigma-Aldrich | S200 | 50nM, 24h |
| Oligonucleotide | 5'-AAGACACAUAGUGGAUCUGUAUGTT-3' (Seh1) | Sigma-Aldrich | S156 | 50nM, 48h |
| Oligonucleotide | 5'-GGUCUGGCAUUACUACAGGAAGAAATT-3' (CENP-Q_Oligo1) | Sigma-Aldrich | S158 | 50nM, 72h |
| Oligonucleotide | 5'-CAGAGUAAUGACUGGGAAUUAUUCATT-3' (CENP-Q_Oligo2) | Sigma-Aldrich | S158 | 50nM, 72h |
| Oligonucleotide | 5'-AACUUCGGAAUUCUGCCUCUGTT-3' (NF-1) | Sigma-Aldrich | S201 | 50nM, 48h |
| Oligonucleotide | 5'-AAGAGGAAAGUGUAUUCGCAGTT-3' (Nup107) | Sigma-Aldrich | S156 | 50nM, 48h |
| Oligonucleotide | 5'-UAGUGAAUGUGGAAUGGAATT-3' (Usp16) | Sigma-Aldrich | S202 | 50nM, 48h |
| Oligonucleotide | 5'-GAGCAGGTTGGCCACATTCTT-3' (NDR1) | Sigma-Aldrich | S161 | 50nM, 96h |
| Oligonucleotide | 5'-GAUGUGCGGUUGUUCUGGTT-3' (GAK_Oligo1) | Sigma-Aldrich | S162 | 50nM, 48h |
| Oligonucleotide | 5'-AAGCUCAAGAUGUGGGGAGUG-3' (GAK_Oligo2) | Sigma-Aldrich | S203 | 50nM, 72h |
| Oligonucleotide | 5'-GCGCUUAGAACGGAGUACUTT-3' (HAUS7) | Sigma-Aldrich | SASI_Hs02_0 0350136 | 50nM, 48h |
| Oligonucleotide | 5'-GAAUUGACCUGAUCGUGUUTT-3' (CENP-M) | Sigma-Aldrich | SASI_Hs01_0 0144699 | 50nM, 72h |
| Oligonucleotide | 5'-CUUUUAAAUCAAUUGUUUTT-3' (CENP-U) | Sigma-Aldrich | SASI_Hs01_0 0175574 | 50nM, 96h |
| Oligonucleotide | 5'-GACGUGUGCGGGAGAGUGATT-3' (MST1) | Sigma-Aldrich | SASI_Hs01_0 0161455 | 50nM, 48h |
| Oligonucleotide | 5'-GGUGUAAUGAUUGUGCAUTT-3' (PTEN) | Sigma-Aldrich | SASI_Hs01_0 0196478 | 50nM, 96h |
| Oligonucleotide | 5'-CUUUAGCAAAGAUGGAUAUTT-3' (HAUS2) | Sigma-Aldrich | SASI_Hs01_0 0101146 | 50nM, 96h |
| Oligonucleotide | 5'-GACUGUUGCUGAGUUCAUCTT-3' (CENP-N_Oligo1) | Sigma-Aldrich | SASI_Hs02_0 0322304 | 50nM, 72h |
| Oligonucleotide | 5'-GCGUGCAAGUAUCAGUGAUTT-3' (CENP-N_Oligo2) | Dharmacon | S204 | 50nM, 48h |
| Oligonucleotide | 5'-CCGAGAAGGACGAGUUUGATT-3' (Hsp72) | Sigma-Aldrich | SASI_Hs01_0 0051449 | 50nM, 72h |
| Oligonucleotide | 5'-GACAUGGAGAGGAAAGCCATT-3' (HAUS5) | Sigma-Aldrich | SASI_Hs02_0 0347509 | 50nM, 48h |
| Oligonucleotide | 5'-GGAAGUUCAUCGUCUGAUUTT-3' (HAUS4_Oligo1) | Sigma-Aldrich | SASI_Hs01_0 0022834 | 50nM, 48h |
| Oligonucleotide | 5'-GUGCUAUGAUCCUUAAGCUTT-3' (HAUS4_Oligo2) | Sigma-Aldrich | SASI_Hs01_0 0022835 | 50nM, 48h |
| Oligonucleotide | 5'-CCAUGAAUUCAGUGAACUCTT-3' (DYNLT1) | Sigma-Aldrich | SASI_Hs01_0 0096434 | 50nM, 48h |
| Oligonucleotide | 5'-GUCCUAUGCAGAUGACAAUTT-3' (Rab5) | Sigma-Aldrich | SASI_Hs01_0 0097508 | 50nM, 48h |

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| Oligonucleotide | 5'-AAGCAACUCGAAGAACAUCUCTT-3' (CENP-I_Oligo1) | Sigma- Aldrich | S169 | 50nM, 72h |
| Oligonucleotide | 5'-GAAGGUGUGUGACAUAUAUATT-3' (CENP-I_Oligo2) | Dharmacon | S194 | 50nM, 24h |
| Oligonucleotide | 5'-GUCUAUCAGUGUCGAUUUATT-3' (Dsn1_Oligo1) | Sigma- Aldrich | S194 | 50nM, 48h |
| Oligonucleotide | 5'-GGCGUUUCAGAGGAAAGAATT- 3'(Dsn1_Oligo2) | Dharmacon | S205 | 50nM, 24h |
| Oligonucleotide | 5'-GAACCCUGGUAGGACUGCUUGGAAUTT-3' (CENP-P) | Sigma- Aldrich | S45 | 50nM, 72h |
| Oligonucleotide | 5'-GGAGGACACUGCUAAGGGUTT-3' (Zwint) | Sigma- Aldrich | S206 | 50nM, 72h |
| Oligonucleotide | 5'-CAUGAGCUCUUUCUGUUUATT-3' (Nsl1_Oligo1) | Sigma- Aldrich | S194 | 50nM, 48h |
| Oligonucleotide | Nsl1_Oligo2 | Dharmacon | ON- TARGETplus Human NSL1 siRNA; J-016722-05- 0002 | 50nM, 48h |
| Oligonucleotide | 5'-GAAUCAUAAGGACUGUUCATT-3' (Mis12_Oligo1) | Sigma- Aldrich | SASI_Hs01_0 0050622 | 50nM, 48h |
| Oligonucleotide | 5'-GGACAUUUUGAUAAACCUUUTT-3' (Mis12_Oligo2) | Dharmacon | S207 | 50nM, 72h |
| Oligonucleotide | 5'-GCAUGUAUCUCUUAAGGAATT-3' (KNL1_Oligo1) | Sigma- Aldrich | S208 | 50nM, 24h |
| Oligonucleotide | 5'-GGAAUCCAAUGCUUUGAGATT- 3'(KNL1_Oligo2) | Dharmacon | doi.org/10.108 3/jcb.2010010 06 | 50nM, 24h |
| Oligonucleotide | 5'-AAGGCAGACUCUACCAAUGUTT- 3'(Nup153) | Sigma- Aldrich | S209 | 50nM, 48h |