

Table S2. Sequences for Alu and other dsRNAs. Related to STAR methods.

dsRNA	sequences (5'-3')
<i>NICNI</i> Alu(+)	CACGUGUCUCUAGCAAAACCAGGGCCUGAGCAUAAGAACUG GGACCCUUCUAGGCAGGGUGCAGUGGCUCACGCCUGUAAUCC CAGCACUUUGGGAGGCCAGGCAGGCGGAUCACCUGAGGUCA GGAGUUCAAGACCAGCCUGACCAACCUGGAGAAACCCCGUCU CUACUAAAAAUACAAAAAUUAGCUGGGCGUGGUGGUAGGC ACCUGUAAUCCCAGCUACUUGGGAGGCUGAGGCAGGAGAAU CUCUUGAACCCGGGAAGUGGAGGUUGCGGACCUGAGAUCAU GCCAUUGCACUCCAGCCUGGGCAAGAAGAGCGAAACUCCAUC UUAACAACAACAACAAAAAAGAACUGGGACCCUUCUG CCAUCUGACAUAGCC
<i>NICNI</i> Alu(-)	CCUUCUGCCAUCUGACAUAGCCCAAAGCACAUUCUCUAUCCUU UCUCCCAGUUGCCCCUCUCCUUUUUUGUUGUUUUUUUGAG GUUGAGUUUUGCUCUUGUUGCCCAGGCUGGAGUGCAAUAGU GCAAUCUUGGCUAACUGCAACCUCGCCUCCCAGGUUCAAGC AAUUCUCCUGCCUCAGUCUCCCAGUAGCUGGGAUUACAGUC AUGCAUCACCAUGCCUGGCUAAUUUUGUAUUUGUAGUAGAG AUGGGGUUUCUCAUGUUGGUCAGGCUGGUCUAAACACCU GACCUCAGGUGAUCUGCCUGCCUUGGCCUCCAAGUGCUGG GAUUACAGGCAUGAGCCACCGCGCCCGGCCUGCCCUUCCA AGAGAU AUGCUCAGCAUAA
<i>BPNT1</i> Alu(+)	UGCAAGCCGAGUUCAGAAUCUAUUAAAAAUGCACUUGUUC CUUAAAGGAAAGUUUCAUUUGGCCGGGCGCGGUGGCUCAUG CCUGUAAUCCCAGCACUUUGGGAGGCCAGGCAGGUGGAUC ACUUGAGCUCAGGAGUUUGAGACCAGCCUGGGCAAUAUCGU GAGACCCCAUCUCUACAAAAAUACAAAUUAACUGGGCAUCCU GUCAUGCGCCUGUCAUCCCAGCUACUUGAGAGGCUGAAGCAG AAGAAUCUCUUGAGCCCGGAAGGCAGAGGUUGCAGUGAGCU GAGAUCGUGCCACUGCACUCCAGCCUGAGUGACAGGAGUUA AGCCUGUCUCAGAAAAAACAACAAAACCCAAAAAGU ACUAAAAGUUUCAUUUACUUAGCUAGGAG
<i>BPNT1</i> Alu(-)	GUUCAUGAACAUUCUUAUCUUCUAAACCAGAUUUCUCUUU UUUUUCCUGAGACGGAGUCUCGCUCUGUAGCCUAGGCUAG AAUGUAGUGGCGUGAUCUCGGCUCACUGCAAGCUCGCCUCC CGGGUUCAUGCCAUUCUCCUGCCUCAGCCUCCCAGUAGCUG GGACUGCAGGCACCGCCACCACGCCUGGCUAAUUUUUUGUAU UUUUAGUAGAGAAGGUGUUUACCGUGUUAGCCAGGAUGGU CUUGAUCUCCUGACAUCGUGAUCUGUCUGCCUCGGACUCCA AAGUGCUGGGAUUACAGGUGUGAGCCACCGCACCUGGCCUA AACCAGAUUUCUUUAGGGCACAAUUUUUUCUGGAAUCUCAC UC
<i>DES11</i> Alu(-)	GGAAAGAAUAAUGAUGUGAGGCCUGGCGCGGUGGCUCACGC CUGUAAUCCCAGCACUUUGGGAGGCCAGGCAGGCAGAUAC UUGAGGUCAGGACUUAAGACCAGCCUGGCCAACAUUGGUGA AACCCCGUCUCUACUAAAAAUACAAAAUAGCCGGGCAUGG

	<p>UGGCGCAUGCCUGUAGUCCAGCUACUCGGGAGGCUGAGGCA GGAGAAUCGCUUGAACCCGGGAGGCAGAGAUUGCGAUGAGC CGAGAUCGUACCAGUGCACUCCAGCCUGGGCGACAGAGUGAG ACUCCAUCUCAAAAAAAAAUAAAUAAGUGGAAUCAAGG UGGCAAGAAAUUUAGAAUCGUUUCUGAUAGGGACUUUCCC</p>
<i>DESII</i> Alu(+)	<p>GGGACCAAGGGAUGGGAUUCCCUACUCUAAGAAAUAACCU UUUUUUUUUUUUUUUUUUUUUUGAGACGGAGUCUCGCU CUACCACCCAGGCUGGUGUGCAGUGGCAUGAUCUCGGCUC CAGAAACCUCUGCCUCCCGGGUUCAAGUGGUUCUCCUGCCU CAGCCUCCUGAGUAGCUGGGAUUACAGGUGCGUGCCACCAC GCCAGGCUAAUUUUUGUAUUUCAGUAGAGACAGGGUUUU GCCAUGUUGGCCAGGCUGGUCUGGAACUCCUGACCUCGGGU GAUCCACCUCUUGGCCUCCCAAAGUGCUGGGAUUACAGG CGUGAGCCACCGCUGCCUGGCCAGAAAUAACCUUGAUUAUG G</p>
pre-let7d	<p>GCCAAGUAGAAGACCAGCAAGAAAAAUAUGGGUUCUA GGAAGAGGUAGUAGGUUGCAUAGUUUUAGGGCAGGGAUUUU GCCACAAGGAGGUAACUAUACGACCUGCUGCCUUUCUAGG GCCUUAUUAUUCACCGAUAACCUGUUUCCUUGCUCG</p>
ES27L	<p>GGGCUGGGGCGCGAAGCGGGGCUGGGCGCGCGCCGCGGCUGG ACGAGGCGCCGCCGCCCCCCCCACGCCCGGGGCACCCCCUCG CGGCCUCCCCCGCCCCACCCGCGCGCGCCGCUCGCUCCCUC CCCGCCCCGCGCCUCUCUCUCUCUCUCCCCCGCUCCCCCGU CCUCCCCCUCUCCCGGGGAGCGCCGCGUGGGGGCGGCGGCG GGGGGAGAAGGUCGGGGCGGCAGGGGCCGGCGGCGGCCCCG CCGCGGGGCCCGGGCGGGGGCACGGUCCCCCGCGAGGGG GGCCCCGGGCACCCGGGGGGCCGGCGGGCGGCGGACUCUGGA CGCGAGCCGGGCCCUUCCCGUGGAUCGCCCCAGCUG</p>
<i>OTUD7B_hAT1</i>	<p>AAGCAGUGAGAUUCCAAAGGAAGGGAUGUGUAUAUGUCUAG GCAGGUCUGGAACCUGGUAUGAGAUGAGCACUCCCCUAAGU UGCAAAAUUUAAAGGGUACUAUAAAACUCAUAAUCAAGAU ACUAUAAAAAAUAGCAGUAUUUAAAAAAUUAUGCAAAAA UUUAUGUUGGAUAAAAUAGCGAAAUCUACAGGAUCUGACA GGACUGAGAUUAGGAGGAGGGAA</p>
<i>OTUD7B_hAT2</i>	<p>GAAGUGAGGCUGAAUUGAAUAAGUAUGGGGAUGAAUCCUUC UU CAUUAUUUGUGAUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUAUCUUGGUUACUGGGUUUUUUUGGCACUCCUUAUUUUU</p>

	GUGCCCAAGGUGAGUGCUUUGCUCACCUCACCCUAGUUACGU CCCUGUUUCUGUGAUUUGAACACUAGCGAGAACCACUGU GUGCGCCUCCACCCCAUCACA
<i>NBPF1_L1</i>	UCUGCCGGUGCAGAAUAUGAGCAAUGCCAUGUUCUUGCAGA AAACGCUUAGCCUGAGUUUCAUAGGAGGUAUACACCAGACA ACUGCAGAAUGUAGAACACUGAGCAGGACAACUGACCUGUC UCCUUCACAUAGUCCAUAUCACCACAAAUCACACAACAAAA GGAGAAGAGAUUUUUGGGUUGAAAAAAGUAAAAAGAUAA UGUAGCUGCAUUUCUUUAGUUUUUGAACCCCAAUAUUU CCUCAUCUUUUUGUUGUUGUCAUGGAUGGUGGUGACAUGGA CUUGUUUAUAGAGGACAGGUCAGCUGUCUGGCUCAAUGAUC UACAUUCUGAAGUUGUCUGAAAAUGUCUUCAUGAUUAAAUU CAGCCUAAACUUUUUGACGGGAACACUGCAGAGACAAUGCU GUGAGUUUCCAACCUCAGCCCAUCUGCGGGCAGAGAAGGUCU AGUUUGUCCAACACCAUUAUGAUUUCAGGACUGGUUACUUG GUUAAGGAGGGGUCUAGGAGAUCUGUCCCUUUUAGAGACAC CUUACUUAAUAAUGAAGUACUUGGGAAAGUGGUUUUCAAGAG UAUAAUAUCCUGUAUUCUAAUGAUCAUCCUCUAAACAUUU UAUCAUUUAUUAUCCUCCUGCCUGUGUCUAUUUUUAUUAU UCAUAUCUCUACGCUGCAAUU