

Table S1. Oligonucleotides.

Oligo Name	Sequence (5' → 3')
<i>sRNA-Seq amplicon libraries generation^a</i>	
L1 ^b	5'-P-rGrCrUAGTTACTCACACTAGTGTCC/invdT
AL1	GGACACTAGTGTGAGTAACTAGC
SMARTerII A	AAGCAGTGGTATCAACGCAGAGTA
454forAal1MID42	CGTATCGCCTCCCTCGCGCCATCAGT <u>TCGATCACGTCTAGT</u> GTGAGTAACTAGC
454revBsmarterIIMID42	CTATGCGCCTTGCCAGCCCGCTCAGT <u>TCGATCACGTGTGGT</u> ATCAACGCAGAGTA
454forAal1MID47	CGTATCGCCTCCCTCGCGCCATCAGT <u>TGTGAGTAGTCTAGT</u> GTGAGTAACTAGC
454revBsmarterIIMID47	CTATGCGCCTTGCCAGCCCGCTCAGT <u>TGTGAGTAGTGTGGT</u> ATCAACGCAGAGTA
<i>5S rRNA and tRNA depletion</i>	
PA5SRNA01	GAGCTTGACGATGACCTACTCTCACATG
PA5SRNA02	GGAGACCCACACTACCATCGGCGATG
PA _t RNA03	TGGCGGAGAGGGGGGATTCTGAACCCCGA
PA _t RNA05	TGGCGCACTCAGGAGGATTCTGAACCTCCGA
PA _t RNA06	TGGTGGGTCGTGTAGGATTCTGAACCTACGA
PA _t RNA07	TGGCGGAGAGATAGGGATTTGAACCCTAGG
PA _t RNA08	TGGCGCACCCGGCAGGACTCTGAACCTGCGA
PA _t RNA09	TGGGGTGGACGATGGGAATCTGAACCCACGA
PA _t RNA10	TGGTGC GGACGGAGAGACTCTGAACCTCTCAC
PA _t RNA12	TGGCGGAGCGGACGGGACTCTGAACCCGCGA
PA _t RNA13	TGGCGGTGAGGGAGGGATTCTGAACCCCTCGA
PA _t RNA14	TGGTCGGAGCGACTGGATTCTGAACCCAGCGA
PA _t RNA16	TGGTGCCTCGGGAGAGACTCTGAACCTCTCAC
PA _t RNA17	TGGACGTTCTGAGCGGGATTCTGAACCCGCGA
PA _t RNA18	TGGCAGGGGCGGCTGGATTCTGAACCAACGC
PA _t RNA19	TGGTGGCTACACCGGGACTTGAACCTGGGA
PA _t RNA21	TGGTGCCAGGAGAAGACTCTGAACCTCCAC
PA _t RNA22	TGGTGCCAGGGACGGAATCTGAACCCGCGA
PA _t RNA23	TGGTGCCGGCACCAGGAGTCTGAACCCGGGA
PA _t RNA26	GGAAGGCAGTGGGAGTCTGAACCCACCC
PA _t RNA27	TGGTACCGAGGAGGGGACTCTGAACCCCTA
PA _t RNA28	TGGTTGCGGGGGCTGGATTTGAACCAACGA
PA _t RNA31	TGGCTCCGCGACCTGGACTCTGAACCCAGGGA
PA _t RNA32	TGGTCGGGGTAGAGAGATTCTGAACCTCCCGA
PA _t RNA34	TGGTGCCGGATAGAGGAATCTGAACCCCGGA
PA _t RNA35	TGGTGGGTCTGGGCAGATTCTGAACCTGCCGA
PA _t RNA36	TGGTGGAGCCAAGGAGGATCTGAACCTCTGA
PA _t RNA37	TGGTGGAGGGAGAAGGATTCTGAACCTTCTGA
PA _t RNA38	TGGAGCGGGTAGCGGGAATCTGAACCCGCGA
PA _t RNA39	TGGAGCTCATGAGCGGATTTGAACCGCTGA
PA _t RNA40	TGGCAGGCCAGGAGGGAATCTGAACCCCAA

Oligo Name	Sequence (5' → 3')
PAiRNA41	TGGCGTCCCGGAGAGGGGTCTGAACCTCCAA
PAiRNA46	TGGTGGAGCTAGACGGGATCGAACCGTCTGA
PAiRNA48	TGGTGGGTGATGACGGGATCGAACCGCCGA
PAiRNA50	TGGCGCAGCGGACGGGACTCGAACCCGCGA
PAiRNA51	TGGCGTCCCCTAGGGGACTCGAACCCCTGT
PAiRNA54	TGGTAGGCACGATTGGATTCGAACCAACGA
PAiRNA55	TGGTCGGGACGGAGTGATTCGAACACTCGA
PAiRNA56	TGGCGGAGGCGGTGAGATTCGAACCTCACGG
PAiRNA57	TGGAGCGGGAAACGAGACTCGAACCTCGCGA
PAiRNA58	TGGAGGCTGAGGTCGGAATCGAACCGGCGT
PAiRNA59	TGGTGCCCGGAGCCGGGGTCTGAACCGGCAC
PAiRNA60	TGGTTGCGGGAGCTGGATTTGAACCAACGA
PAiRNA61	TGGTGGAGCCGGGGGGATTTGAACCCCGT
PAiRNA62	TGGAGCGGGCGAAGGGAATCGAACCCCTCG
PAiRNA63	TGGTGGGCCACACGGACTCGAACCGTGGA
PAiRNA64	TGGCGCATCCGGCGGGATTCGAACCCACGA
<i>Northern blotting validation probes^c</i>	
5S	CGCCGATGGTAGTGTGGGGTC
SPA0003	GGCGCTTGAACACCGCTC
SPA0010	ACTGGAACGCCGTCAGGT
SPA0011	TGCCCGAGGCCGGAATCG
SPA0012	CAATTACCGGCGCGGTAGG
SPA0013	GAAGAAGCCCGCAGTAGCG
SPA0014	GGGTGCCGGGAGTTAAGA
SPA0015	TGCGATGCAATTACGCAGTTG
SPA0016	GGTAAGGCCGAGCTGACA
SPA0017	GCGCGTCGGCCGGCGT
SPA0018	AAAATCGGCGAAGCCACTAAAGCACT
SPA0019	CTGGCTAAGGGAGCGGCA
SPA0023	GCCCTCATCAACTCTGCCAAAGAC
SPA0025	TACACGGCAGTGAACACCGCGC
SPA0027	CCGAGCCGATCCCCTACC
SPA0033	AGCCGCAGGTGCAGGAAC
SPA0038	AAAGACCATCTGCGGGGG
SPA0054	CTTGCCGGAGCGGCAAGG
SPA0055	GCAATCCGATCAGAAAGCGC
SPA0056	GGCTGGCGGAGAGCGCTATC
SPA0061	CGGCAACATCGTCGAGAGCGAC
SPA0070	GCCCGGGAGCTCAGCGGA
SPA0071	GTAACCCTGATGGTAGAGCCC
SPA0072	GGTGGAGCCGGGGGATT
SPA0074	CGCCCGTGCCCGACGAC
SPA0077	CGGTCGTACTGGGTGACG
SPA0078	ACGCGGGCCGCAGGTGGT

Oligo Name	Sequence (5' → 3')
SPA0079	ACCCCTCCATGCCCGTCG
SPA0080	GGGAAAGCCCCGAGGG
SPA0081	AGCAGCCCACCGACCCAG
SPA0084	AGGTGCGGATCTCCGGG
SPA0085	ATCGTCCTGATGAATCGCCTCCCT
SPA0086	CTGACAGCAGAGGTGAGG
SPA0087	ACATCCCTGTGTGCGGAGCA
SPA0088	CCAGCGAGCGCGACATGG
SPA0092	GAAGCTCCCCCCAAGTAG
SPA0096	GGGACCACAGCGGCAACT
SPA0097	AATCCCGGCCGCGTGGAG
SPA0100	CCAGCCAGGCCGGCGAG
SPA0101	CAGGATCGCGCAGGGTTG
SPA0102	ACGGCGCATTCTGTGGACC
SPA0103	GTACCGAGCACTGGCATCC
SPA0106	AGCCGGCGACCGCCGTC
SPA0110	CCCCGCGGGAGTTCGTC
SPA0111	CGCCGCCGTAGCAGAGTC
SPA0113	TGGAACAGGCCGAGCGTGCC
SPA0114	CTGAACTTGCAGCTCATCACTGGG
SPA0115	GAAGAGGGAAGAGCTCCGGCC
SPA0116	AAATCCCGACCGCGGGG
SPA0117	GCGGAGCCCTTGGGCTTG
SPA0119	TCTGCGTAACGTCCAGCTGCAG
SPA0121	ACGCAAGGCCGTCCGGCAC
SPA0122	CCCCGAGCTTCGTATGGG
SPA0124	GGAAAGAGTAGACCGGCGT
SPA0129	CGAGCATGCAACGCGGGA
SPA0135	GCCAAGGCGCAAGCCTGAA
SPA0145	GCCGTCTGGCGCGCGGTA
SPA0146	GGATAACCTTGTGAACAGCCC
SPA0147	ACACACGACTCTCACGGTCG
SPA0155	GGCGCCCACGTGACCCT
SPA0156	GCTGATCATTCTGCGCTGGG
SPA0160	CGGATGAGGCTTCCATGCTG
SPA0162	GGCGAGGACGGGCGCTA
SPA0163	TTGCTGGTGACCCTGCGC
SPA0165	TGACCTGGTGGCTGCCTG
SPA0167	AAGGTCGAGACAGGACAGTATC
SPA0168	GTTCCGGCCTGTTCCATGGCCAG
SPA0174	AGCGCTGAGGCTTGCGAC
<i>DNA templates amplification for riboprobe synthesis^{c,d}</i>	
SPA0002F	CCCTACGGGTTACGAGGAGCTC
SPA0002R	CTAATACGACTCACTATAGGGGGATCAACACATTTCG

Oligo Name	Sequence (5' → 3')
SPA0021F	CTCAAGAGGTTTCGGTGTTCCTCGATTTAAGGG
SPA0021R	CTAATACGACTCACTATAGGG CAGGAGCATCAGGCT
SPA0104F	ATCTGGCAGGTTGCCTGCCGTTTCATCCTC
SPA0104R	CTAATACGACTCACTATAGGG AGTCCCCGTGTCGTG
SPA0112F	GATCGCGGGTCTTGATGCGTGGTGC
SPA0112R	CTAATACGACTCACTATAGGG CCGCTTTGTGTACCT
SPA0118F	GCGCCCGTCGAGTCCGCTATTCTGC
SPA0118R	CTAATACGACTCACTATAGGG GGCTCGGCTACCTGT
SPA0131F	GGACATTGCGGCAGTCTCC
SPA0131R	CTAATACGACTCACTATAGGG TGGCGCTCCTCTCCGGC
SPA0143F	TAGGCGCATTCTACCTATCCTTGC
SPA0143R	CTAATACGACTCACTATAGGG CCTTTTCCACCATCA
SPA0150F	GATCGGGCCACCGCGCATTACC
SPA0150R	CTAATACGACTCACTATAGGG AAAGCAGGCATTTCT
SPA0157F	CATGGCGCGGGTCTGGACCAGGAAG
SPA0157R	CTAATACGACTCACTATAGGG CGGCGACAAGGCGCT

^a The MID identifier sequence is underlined.

^b Ribo-deoxyribo-oligonucleotide with an inverted dT at the 3'-end.

^c The oligo name corresponds to the cognate nstSGR.

^d The T7 RNA polymerase promoter sequence is reported in bold.