Supplemental Table 1 - Oligonucleotides used in this study

Oligo name	Oligo sequence (5'-3')	Notes
MDS-286	NNNNNN	Random hexamer - library prep
Nextera1-bc	AATGATACGGCGACCACCGAGATCTACAC<barcode>TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG	Library prep - barcoded adapter 1
Nextera2-bc	CAAGCAGAAGACGGCATACGAGAT<barcode>GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG	Library prep - barcoded adapter 2
MDS-143	CAAGCAGAAGACGGCATACG	Library prep - 5' of adapter 2
MDS-445	AATGATACGGCGACCACCGA	Library prep - 5' of adapter 1
MDS-479	ATTCTCACCATCGGAGATCG	qPCR - ORF1B F
MDS-480	TCTGGTGCTGCTTCGTACAC	qPCR - ORF1B R
MDS-481	GCTCGAAGACAACCCAGAAG	qPCR - ORF1A F
MDS-482	TTGCTGCGATGATACCTTTG	qPCR - ORF1A R
MDS-483	CGCACCACTCATCAACATTC	qPCR - ORF2 F
MDS-484	TACTCCATGCGTTGATCTGG	qPCR - ORF2 R
MDS-368	ATGCCGCTTAGAGAAACCAG	qPCR - GAPDH F
MDS-369	CAGCTGCCTTCACAACTTTC	qPCR - GAPDH R
MDS-691	CAACTGCTTGACCGCCTG	Genome sequencing L-1 / sgRNA analysis
MDS-692	CAGGCCACCAATCTGCAA	Genome sequencing L-2 / sgRNA analysis
MDS-693	AAGCTGGAACCGCAACTG	Genome sequencing L-3
MDS-694	CACCGAAAGAACCACCAGC	Genome sequencing L-4
MDS-695	GGTCACCATCAAGCCAGC	Genome sequencing L-5
MDS-696	AGCTACTACCTTGCCGCA	Genome sequencing L-6
MDS-697	CCACAACGGCAGCAGTATC	Genome sequencing L-7
MDS-698	AGCGTCAACTTACCACTCCA	Genome sequencing L-8
MDS-699	TCGTGTTAGATTGGGGAATTGC	Genome sequencing L-9
MDS-700	GCAGACCAGCAAGCAACT	Genome sequencing L-10
MDS-701	GCACCCTAAAGCAACGTGG	Genome sequencing L-11
MDS-702	GACAACTGCAACCACACGA	Genome sequencing L-12
MDS-703	ACGTGGCTTTCCTTGTTGT	Genome sequencing R-1 / sgRNA analysis
MDS-704	GCGGTGTTGCTGGATAGT	Genome sequencing R-2
MDS-705	TGCTGTCTTGAGGTCGAGG	Genome sequencing R-3
MDS-706	ACCGCCTTTGATACTGTTGC	Genome sequencing R-4
MDS-707	CTGTTGTTGTAGCTGCATCTG	Genome sequencing R-5
MDS-708	GAGCTCACGTGGATTGCC	Genome sequencing R-6
MDS-709	CGCCGGCTTGACTAGAGT	Genome sequencing R-7
MDS-710	ACTCCTCGTCCATGAACCA	Genome sequencing R-8
MDS-711	AGCTCTCGAACTGGCTGG	Genome sequencing R-9
MDS-712	GGCGAGTGTTGTGGCATC	Genome sequencing R-10
MDS-713	CGGCTGGGAGTTGTGGTA	Genome sequencing R-11
MDS-714	CGCGAAGACTGTCCTGGA	Genome sequencing R-12
MDS-715	GGCCTCGACAGCTACCAA	Genome sequencing L-13
MDS-716	GCTCCGCACGAACAACAT	Genome sequencing L-14
MDS-717	GGACGTTCGCTTTCACCG	Genome sequencing L-15
MDS-718	CGAGGCCAACTGTTGCAA	Genome sequencing L-16
MDS-719	ACACTTGTCTATTGCTTCGGT	Genome sequencing L-17
MDS-720	GCACTCACAGCCACGAAC	Genome sequencing L-18
MDS-721	CTCACACCTGCACAACCAG	Genome sequencing L-19
MDS-722	AGCACTCCACAAGCCAGT	Genome sequencing L-20
MDS-723	TCGCAGACTGGGGAATCC	Genome sequencing L-21
MDS-724	CATCGTCAGGCCAATCGC	Genome sequencing L-22
MDS-725	AGCGCACCCACTCATCTT	Genome sequencing L-23
MDS-726	TGACTGGGTGCGTGTCAA	Genome sequencing L-24
MDS-727	GCTTCGATGACTCTGGCG	Genome sequencing R-13
MDS-728	ATCACCATGGCGTGTTGT	Genome sequencing R-14
MDS-729	GAAGTGGCCTGACGGTGT	Genome sequencing R-15
MDS-730	GAAGTCCGATGCGCATGG	Genome sequencing R-16
MDS-731	TGGTCTGAGGATGCCGTC	Genome sequencing R-17
MDS-732	TGCCCATGTCACCGAAGT	Genome sequencing R-18
MDS-733	CCCCGTGTCTTGAGGTGA	Genome sequencing R-19
MDS-734	CAGCACAACGGGTATGCC	Genome sequencing R-20
MDS-735	CGAGTTGGCGGAGGTAGA	Genome sequencing R-21
MDS-736	CGATGCCGTGTGTTGAAGT	Genome sequencing R-22
MDS-737	CCTCCGATCTTGAGTGACGA	Genome sequencing R-23
MDS-738	GCCCCTCGAGAAATTTAGGC	Genome sequencing R-24
MDS-739	GAAACGCCAGCAGTAGTGA	Genome sequencing L-25
MDS-740	CCACAGCGATGCACCATG	Genome sequencing L-26
MDS-741	GCCGCTAAAGACTTGGGC	Genome sequencing L-27
MDS-742	TGTGGCAGCAATCTTCATCG	Genome sequencing L-28
MDS-743	TCTTTCTCACCGACGCCA	Genome sequencing L-29
MDS-744	ACCATCCGTTTATGTTGTGGA	Genome sequencing L-30
MDS-745	TCAACTGCCTGACGGAGC	Genome sequencing L-31
MDS-746	GGTTACCACGAAACTTCTGCT	Genome sequencing L-32
MDS-747	TCCACACCTACCCTCGGA	Genome sequencing R-25
MDS-748	GCTGTTGCGAGTCCTTGG	Genome sequencing R-26
MDS-749	TGTAGCTTGTGATGCTGATGT	Genome sequencing R-27
MDS-750	ACAGGGAACACAGCACCA	Genome sequencing R-28
MDS-751	ACTGAGGAGTGGTTAAACTGG	Genome sequencing R-29
MDS-752	CGTAAGCCCCAGTCATAGAC	Genome sequencing R-30
MDS-753	GCGGTTAGGATTTTCAACGGA	Genome sequencing R-31
MDS-754	AAACTGGTTTATGCCGTCCG	Genome sequencing R-32
MDS-121	CCAGTGAGCAGAGTGACGAGGACTCGAGCTCAAGCTTTTTTTTTTTTTTTTT	5'/3' RACE Qt - oligo-dT primer
MDS-122	CCAGTGAGCAGAGTGACG	5'/3' RACE Qo - outer adapter primer
MDS-123	GAGGACTCGAGCTCAAGC	5'/3' RACE Qi - inner adapter primer
MDS-755	ATCGGGGTGGAGACTCTTTG	5' RACE / sgRNA analysis
MDS-756	GAGAGGGAGTTAGCCAAGGG	5' RACE - nested 1
MDS-757	GGTACACTGTTAACAACCAAACT	5' RACE - nested 2
MDS-676	AACGGAAACTGAAGTGTGCC	3' RACE
MDS-677	TGTAGACCCTTCCCTCGTTG	3' RACE - nested 1
MDS-678	TGCCTAGACATTTCCGTGGT	3' RACE - nested 2
MDS-681	GTTACATCGCGGGTTGTCAA	sgRNA analysis - ORF7
MDS-683	GGACAGTGACTTGACCGCTA	sgRNA analysis - ORF5/6
MDS-685	GCGGAAGATGAACAAGTGGG	sgRNA analysis - ORF4
MDS-687	AGCTTGTGATGCTGATGTTGG	sgRNA analysis - ORF3
MDS-689	TGGATCGACGTAGCTTGTGA	sgRNA analysis - ORF2

adapter 1 barcode sequences: TGGTCTC, TCCAGTC, TAGCGTA, GCGATCA, AGCTACA, ACTCATC, TTGCGAG, AAGCGAC
adapter 2 barcode sequences (reverse complemented): TCGTTGG, GTGTCCT, TCCGTAT, TACGCTT, TACAACG, GAAGGAG, AAGCATC, TGAGATC