

Primer	5'-3' sequence	Comment
R2614	GTGACTGGAGTTCAGACGTGTGCTCTT CCGATCTNNNNNNNNNNNNNNN CAGTTTAACTTTGGGCCATCCATTCC	cDNA primer for PR.
R3284	GTGACTGGAGTTCAGACGTGTGCTCTT CCGATCTNNNNNNNNNNNNNNN CAGTCACTATAGGCTGTA CTGTCCATTTATC	cDNA primer for RT.
R4752	GTGACTGGAGTTCAGACGTGTGCTCTT CCGATCTNNNNNNNNNNNNNNN ATCGAATAC TGCCATTTGTA CTGC	cDNA primer for IN.
R7209	GTGACTGGAGTTCAGACGTGTGCTCTT CCGATCTNNNNNNNNNNNNNNN CAGTCCATT TTGCTYTAYTRABVTTACA ATRTGC	cDNA primer for V1/V3.
F2163	GCCTCCCTCGCGCCATCAGAGATGTGT ATAAGAGACAGNNNN T CAGAGCAGACCAGAGCCAACAGCCCA	1 st round PCR forward primer for PR.
F2620	GCCTCCCTCGCGCCATCAGAGATGTGT ATAAGAGACAGNNNN G GCCATTGACAGAAGAAAAATAAAAGC	1 st round PCR forward primer for RT.
F4383	GCCTCCCTCGCGCCATCAGAGATGTGT ATAAGAGACAGNNNN AAAAGGAGAAGC CATGCATG	1 st round PCR forward primer for IN.
V1F	GCCTCCCTCGCGCCATCAGAGATGTGT ATAAGAGACAGNNNN TTATGGGATCAA AGCCTAAAGCCATGTGTA	1 st round PCR forward primer for V1/V3.
Adapter R	GTGACTGGAGTTCAGACGTGTGCTC	1 st round PCR reverse primer
Universal Adapter	AATGATACGGCGACCACCGAGATCTAC ACGCCTCCCTCGCGCCATCAGAGATGT G	2 nd round PCR forward primer with Illumina adapter sequence
Indexed Adapter**	CAAGCAGAAGACGGCATA C GAGATNN NNNNGTGACTGGAGTTCAGACGTGTG CTC	2 nd round PCR reverse primer with Illumina adapter sequence and indices (NNNNNNN)
Old Nextera	GCCTCCCTCGCGCCATCAGAGATGTGT ATAAGAGACAG	Customized sequencing primer

* cDNA primer has a block of degenerate nucleotides (Ns) as the Primer ID.

** Ns in the Indexed Adapter primers are a set of 24 pre-designed barcodes for multiplexing samples for one MiSeq run. See the index sequences and adapter sequences in Table 2.