

Primer Name (Forward N ₀)	Sequence (5' to 3')	Primer Name (Forward N ₂)	Sequence (5' to 3')
BC12-ID01-F	ATGCA AATTA ATTGTAAAGGCCTCAGCGAATT	BC12-ID49-NN-F	NNATGC ATGATG TTGTAAAGGCCTCAGCGAATT
BC12-ID02-F	ATGCA AAGGA ATTGTAAAGGCCTCAGCGAATT	BC12-ID50-NN-F	NNATGC AGTAGT TTGTAAAGGCCTCAGCGAATT
BC12-ID03-F	ATGCA AACCA ATTGTAAAGGCCTCAGCGAATT	BC12-ID51-NN-F	NNATGC TAGTAG TTGTAAAGGCCTCAGCGAATT
BC12-ID04-F	ATGCT TAAAT TTTGTAAAGGCCTCAGCGAATT	BC12-ID52-NN-F	NNATGC TGATGA TTGTAAAGGCCTCAGCGAATT
BC12-ID05-F	ATGCT TTGGT TTTGTAAAGGCCTCAGCGAATT	BC12-ID53-NN-F	NNATGC GATGAT TTGTAAAGGCCTCAGCGAATT
BC12-ID06-F	ATGCT TTCC TTTGTAAAGGCCTCAGCGAATT	BC12-ID54-NN-F	NNATGC GTAGTA TTGTAAAGGCCTCAGCGAATT
BC12-ID07-F	ATGCG GGAAGG TTGTAAAGGCCTCAGCGAATT	BC12-ID55-NN-F	NNATGC ATCATC TTGTAAAGGCCTCAGCGAATT
BC12-ID08-F	ATGCG GGTTGG TTGTAAAGGCCTCAGCGAATT	BC12-ID56-NN-F	NNATGC ACTACT TTGTAAAGGCCTCAGCGAATT
BC12-ID09-F	ATGCG GGCCGG TTGTAAAGGCCTCAGCGAATT	BC12-ID57-NN-F	NNATGC TACTAC TTGTAAAGGCCTCAGCGAATT
BC12-ID10-F	ATGCC CAAC CTTGTAAAGGCCTCAGCGAATT	BC12-ID58-NN-F	NNATGC TCATCA TTGTAAAGGCCTCAGCGAATT
BC12-ID11-F	ATGCC CTTCC TTTGTAAAGGCCTCAGCGAATT	BC12-ID59-NN-F	NNATGC CTATCA TTGTAAAGGCCTCAGCGAATT
BC12-ID12-F	ATGCC CCGGCC TTGTAAAGGCCTCAGCGAATT	BC12-ID60-NN-F	NNATGC CTACTA TTGTAAAGGCCTCAGCGAATT
BC12-ID13-F	ATGCA AATTGG TTGTAAAGGCCTCAGCGAATT	BC12-ID61-NN-F	NNATGC AGCAGC TTGTAAAGGCCTCAGCGAATT
BC12-ID14-F	ATGCA AAGGT TTGTAAAGGCCTCAGCGAATT	BC12-ID62-NN-F	NNATGC ACGACG TTGTAAAGGCCTCAGCGAATT
BC12-ID15-F	ATGCT TAAAG TTGTAAAGGCCTCAGCGAATT	BC12-ID63-NN-F	NNATGC GACGAC TTGTAAAGGCCTCAGCGAATT
BC12-ID16-F	ATGCT TTGGA TTGTAAAGGCCTCAGCGAATT	BC12-ID64-NN-F	NNATGC GCAGCA TTGTAAAGGCCTCAGCGAATT
BC12-ID17-F	ATGCG GGAAT TTGTAAAGGCCTCAGCGAATT	BC12-ID65-NN-F	NNATGC CAGCAG TTGTAAAGGCCTCAGCGAATT
BC12-ID18-F	ATGCG GTTAA TTGTAAAGGCCTCAGCGAATT	BC12-ID66-NN-F	NNATGC CGACGA TTGTAAAGGCCTCAGCGAATT
BC12-ID19-F	ATGCA AATCC TTGTAAAGGCCTCAGCGAATT	BC12-ID67-NN-F	NNATGC TGCTGC TTGTAAAGGCCTCAGCGAATT
BC12-ID20-F	ATGCA AACCT TTGTAAAGGCCTCAGCGAATT	BC12-ID68-NN-F	NNATGC TCGTCG TTGTAAAGGCCTCAGCGAATT
BC12-ID21-F	ATGCT TTAAC TTGTAAAGGCCTCAGCGAATT	BC12-ID69-NN-F	NNATGC GTCTCT TTGTAAAGGCCTCAGCGAATT
BC12-ID22-F	ATGCT TTCCA TTGTAAAGGCCTCAGCGAATT	BC12-ID70-NN-F	NNATGC GCTGCT TTGTAAAGGCCTCAGCGAATT
BC12-ID23-F	ATGCC CAAT TTTGTAAAGGCCTCAGCGAATT	BC12-ID71-NN-F	NNATGC CTGCTG TTGTAAAGGCCTCAGCGAATT
BC12-ID24-F	ATGCC CCTTA TTGTAAAGGCCTCAGCGAATT	BC12-ID72-NN-F	NNATGC CGTCGT TTGTAAAGGCCTCAGCGAATT

Primer Name (Forward N ₁)	Sequence (5' to 3')	Primer Name (Reverse N ₀₋₂)	Sequence (5' to 3')
BC12-ID25-N-F	NATGC AAGGCC TTGTAAAGGCCTCAGCGAATT	BC12-N ₀ -R	CTAACCAAGTTCCTCTTTTCAG
BC12-ID26-N-F	NATGC AACCGG TTGTAAAGGCCTCAGCGAATT	BC12-N ₁ -R	NCTAACCAAGTTCCTCTTTTCAG
BC12-ID27-N-F	NATGC GGAACC TTGTAAAGGCCTCAGCGAATT	BC12-N ₂ -R	NNCTAACCAAGTTCCTCTTTTCAG
BC12-ID28-N-F	NATGC GGCCAA TTGTAAAGGCCTCAGCGAATT		
BC12-ID29-N-F	NATGC CCAAGG TTGTAAAGGCCTCAGCGAATT		
BC12-ID30-N-F	NATGC CCGGA TTGTAAAGGCCTCAGCGAATT		
BC12-ID31-N-F	NATGCT TTGGCC TTGTAAAGGCCTCAGCGAATT		
BC12-ID32-N-F	NATGCT TTCCGG TTGTAAAGGCCTCAGCGAATT		
BC12-ID33-N-F	NATGCG GGTTCC TTGTAAAGGCCTCAGCGAATT		
BC12-ID34-N-F	NATGCG GGCCT TTGTAAAGGCCTCAGCGAATT		
BC12-ID35-N-F	NATGCC CTTGG TTGTAAAGGCCTCAGCGAATT		
BC12-ID36-N-F	NATGCC CCGGT TTGTAAAGGCCTCAGCGAATT		
BC12-ID37-N-F	NATGC ATAATA TTGTAAAGGCCTCAGCGAATT		
BC12-ID38-N-F	NATGC AGAAGA TTGTAAAGGCCTCAGCGAATT		
BC12-ID39-N-F	NATGC ACAACA TTGTAAAGGCCTCAGCGAATT		
BC12-ID40-N-F	NATGCT TATTAT TTGTAAAGGCCTCAGCGAATT		
BC12-ID41-N-F	NATGCT TGTTGT TTGTAAAGGCCTCAGCGAATT		
BC12-ID42-N-F	NATGCT CTTCT TTGTAAAGGCCTCAGCGAATT		
BC12-ID43-N-F	NATGCG GAGGAG TTGTAAAGGCCTCAGCGAATT		
BC12-ID44-N-F	NATGCG TGGTG TTGTAAAGGCCTCAGCGAATT		
BC12-ID45-N-F	NATGCG GCGGCG TTGTAAAGGCCTCAGCGAATT		
BC12-ID46-N-F	NATGCC CACCAC TTGTAAAGGCCTCAGCGAATT		
BC12-ID47-N-F	NATGCC CTCCTC TTGTAAAGGCCTCAGCGAATT		
BC12-ID48-N-F	NATGCC GCGCGC TTGTAAAGGCCTCAGCGAATT		

Figure 1-figure supplement 2. The nucleotide sequences of primer sets for multiplexing sample preparation for NGS

The each N₁₂-BC library was independently amplified by PCR with a forward primer (BC12-IDXX-N_x-F) and a reverse primer (BC12-N_x-R). Pre-designed 6-nucleotide sequence (N6) were shown in red color.