

Table S1. Sequencing information.

Patient No.	i7	i7 sequence	i5	i5 sequence	P5	P7	Primer 1	Primer 2
B2000150	s83	GCTCCTTG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000149	s82	GAGCCAAT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000148	s81	GGAATGAT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000147	s93	GCACTGTC	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000146	s80	GTCGCTAT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000145	s79	GTTAGCCT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000144	s78	GCAITGGCT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000143	s76	GTACATCT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000142	s71	GTGTCCIT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000141	s87	GGATTAGG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000140	s70	GATCTCTT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000139	s85	GAGGATGG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000138	s84	GTAAGGTG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000137	s83	GCTCCTTG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000136	s44	TGGTCTCAG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000135	s43	TCATTGAG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000134	s69	GGTGAGTT	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000133	s42	TGTATGCG	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT
B2000132	s41	TCCAGTCC	s5	TCTTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACCG TCTGAACTCCAGTCACT

Table SI. Continued.

Patient No.	i7	i7 sequence	i5	i5 sequence	P5	P7	Primer 1	Primer 2
B2000131	s77	GAGGTGCT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000130	s68	TGCGTGAA	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000129	s75	GAATCTGT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000128	s74	GGTCGTGT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000127	s73	GCAACATT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000126	s72	GACGGATT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000125	s71	GTGTCCIT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000124	s70	GATCTCIT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000123_BA	s67	TACCACCA	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000123_AA	s69	GGTGAGTT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000122_CA	s97	AACGTGAT	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000122_AA	s68	TGCGTGAA	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000121_BA	s65	TTGTTCCA	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT
B2000121_AA	s67	TACCACCA	s5	TCTTTCCC	AATGATACGGC GACCACCGA	CAAGCAGAAGA CGGCATACGA	ACACTCTTTCCCTACAC GACGCTCTTCCGATCT	GATCGGAAGAGCACACAG TCTGAACTCCAGTCACT

I, index; P, adaptor; 5 and 7, two sides of the DNA positions.