

		GGTACC-ACGGGT (xx bp)	GGGAGTATCGTGGTGGTTG-TGGTT (xx bp)	GAGTTGCGTT ( xx bp)	AGAAGAGGTGTTAGATAGGCCT-CGCTCCTCACCAAGG
R1DmerA	(646 bp)	T.A...-...A(44 bp)	.....T.....-(25 bp)	.C...AA.C( 5 bp)	..-C.GA.GT.A.....-...C...G.....A
R1DfaA	(401 bp)	.....(45 bp)	.....( 5 bp)	.C.....( 10 bp)	..GA..T..C.....GC--T..-..CT.A.....
R1DteA	(295 bp)	..A...C.....(44 bp)	A.....-.....TA.( 6 bp)	.C.....( 10 bp)	..GA.AC..C.....GT--T..-..GC.....
R1DpuA	(534 bp)	..A...-.....(44 bp)	.....G.....-( 6 bp)	.C.....( 11 bp)	..GAG.C..C.....GC-TTC-GA.C.T..GT.....
R1DanA	(142 bp)	.....(43 bp)	.....(39 bp)	.....( 30 bp)	..T.....A.....CA.T.-.....
R1DwiA	(704 bp)	.....T-.....A(47 bp)	.....A...C.....(39 bp)	.....( 28 bp)	..C.....T.....G.....T...C...
R1DtaA	(144 bp)	.....(43 bp)	.....(39 bp)	.....C( 30 BP)	..T..G.A.T.-.....AT.C-T.....G.....
R1DmeA	(145 bp)	.....(43 bp)	.....(40 bp)	.....A..G.( 39 bp)	..T...A.T...G..AT..-.....G.....
R1DpsA	( 30 bp)	.....(41 bp)	.....(43 bp)	.....C.( 28 bp)	G.....C.....CA...-...C.....
R1DviB	(171 bp)	.....(53 bp)	.....(36 bp)	.....C( 29 bp)	G.....C-.....T...-..TG..AA.....
R1DreB	(537 bp)	.....(51 bp)	.....(35 bp)	.....( 30 bp)	G.C.....A-...G.....
R1DteB	(603 bp)	..G.-.....(53 bp)	.....(37 bp)	..CC.....( 30 bp)	..T.....T...G.....-..A.....
R1DgrB	(482 bp)	.....(55 bp)	.....T.....(38 bp)	TT.....C.( 29 bp)	G...TC..T...G...GG-..C...AA.....
R1DanB	(537 bp)	.....(50 bp)	.....CTA.....(38 bp)	.....( 30 bp)	G.....-.....C.AT..T.A...G...
R1DimB	(239 bp)	.....A(51 bp)	.....C.....(37 bp)	.....( 30 bp)	..C.....A.....-.....T.....
R2/R1Dwi_SIDE	( 85 bp)	.....T-.....A(43 bp)	.....A...C.....(37 bp)	.....AAA( 25 bp)	..C.....T...G.C.....-..CT...-...A
R2/R1Dfa_SIDE	( 88 bp)	.....(52 bp)	.....C..A.....(39 bp)	.....A( 30 bp)	G.....A.T.A.....T..-..GC.....
R2/R1Din_SIDE	( 88 bp)	.....(52 bp)	.....C.....A.....(39 bp)	.....A( 30 bp)	GA.....A.T.A.....T..-..GC.....
R2/R1Dim_SIDE	(122 bp)	.....G(42 bp)	T...C--.....(34 bp)	T...TG... (284 bp)	T.....-..GC.C.G.....-.....T...G.A
		( xx bp)TACCGTGGTTGT-AATCC	(xx bp)GGAACACGCC-ACGTTAAACA	(xx bp)	
R1DmerA	(121 bp)	.....-...A..( 8 bp)	..T.....-(13 bp)		
R1DfaA	(129 bp)	.....C.-.....( 5 bp)	.....-(22 bp)		
R1DteA	(126 bp)	.....-.....( 6 bp)	...G.....-.....T.(23 bp)		
R1DpuA	(127 bp)	.....-.....( 6 bp)	A...G.....-.....T.(22 bp)		
R1DanA	(142 bp)	..G.....-.....( 9 bp)	.....-(27 bp)		
R1DwiA	(135 bp)	.....-...A..( 9 bp)	..T...T.-.....T.(12 bp)		
R1DtaA	(135 bp)	..G.....-.....(10 bp)	.....T...-.....T.( 9 bp)		
R1DmeA	(151 bp)	..G.....-.....( 9 bp)	.....-...A...T.(28 bp)		
R1DpsA	(139 bp)	CG.....A-.....( 8 bp)	.....-.....A...T.(23 bp)		
R1DviB	( 95 bp)	A.....AGAT.-..G..( 5 bp)	..C.GGT..TC.....G.C(12 bp)		
R1DreB	( 94 bp)	C.....AGAT.-..G..( 5 bp)	..C.GGA..TC.....(12 bp)		
R1DteB	( 91 bp)	C.....AAAT.-..G..( 5 bp)	..C.GGA.TTC.....(12 bp)		
R1DgrB	(101 bp)	C.....AGAT.-..G..( 5 bp)	..C.GGT..TC.....C(12 bp)		
R1DanB	(109 bp)	GG.....AGAT.-..G..( 5 bp)	..C.GGT..TC.....(13 bp)		
R1DimB	(102 bp)	C.....AGATC-..G..( 5 bp)	..C.GGT.TTC...A...C(14 bp)		
R2/R1Dwi_SIDE	(134 bp)	..G.....A..T..A..( 9 bp)	..T.....-...A.....(12 bp)		
R2/R1Dfa_SIDE	(118 bp)	.....A.-.....( 6 bp)	..C.....-.....T.(23 bp)		
R2/R1Din_SIDE	( 93 bp)	.....A.-.....( 6 bp)	..C.....-.....T.(23 bp)		
R2/R1Dim_SIDE	(100 bp)	C.....AGATC-..G..( 5 bp)	..C.GGT.TTC...A...C(13 bp)		