




			genotype of hybridization locus		
			Parental 1	hybrid	Parental 2
scenario 1 Expansion 	genotype	other loci	AA		
			neutral		
scenario 2 introgression; no selection against hybrid 	genotype		AA	Aa	aa
	fitness		1	1	1
scenario 3.1 single locus; introgression; with selection against hybrid	genotype		AA	Aa	aa
	fitness		1	$0 < w < 1$	1
scenario 3.2 BDMI with selection against hybrid; no expansion load 			AA	Aa	aa
	BB		1	$1 - (1 - d_a)2s$	$1 - 2s$
	Bb		$1 - (1 - d_b)2s$	0	$1 - d_b2s$
	bb		$1 - 2s$	$1 - d_a2s$	1
scenario 4.1 Single locusI with selection against hybrid; with expansion load	genotype		AA	Aa	aa
	fitness		1	$0 < w < 1$	1
scenario 4.2 BDMI with selection against hybrid; with expansion load			AA	Aa	aa
	BB		1	$1 - (1 - d_a)2s$	$1 - 2s$
	Bb		$1 - (1 - d_b)2s$	0	$1 - d_b2s$
	bb		$1 - 2s$	$1 - d_a2s$	1