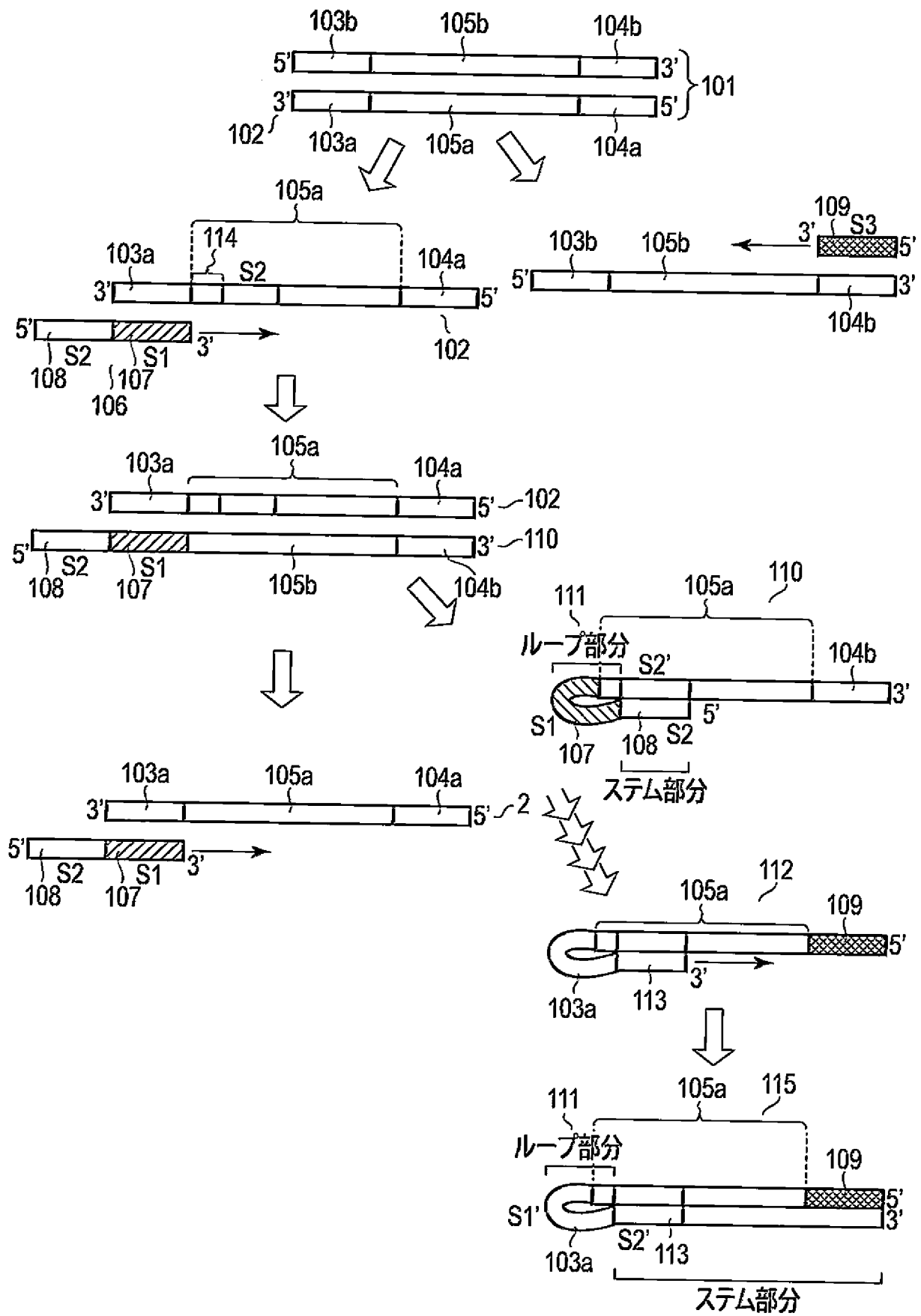
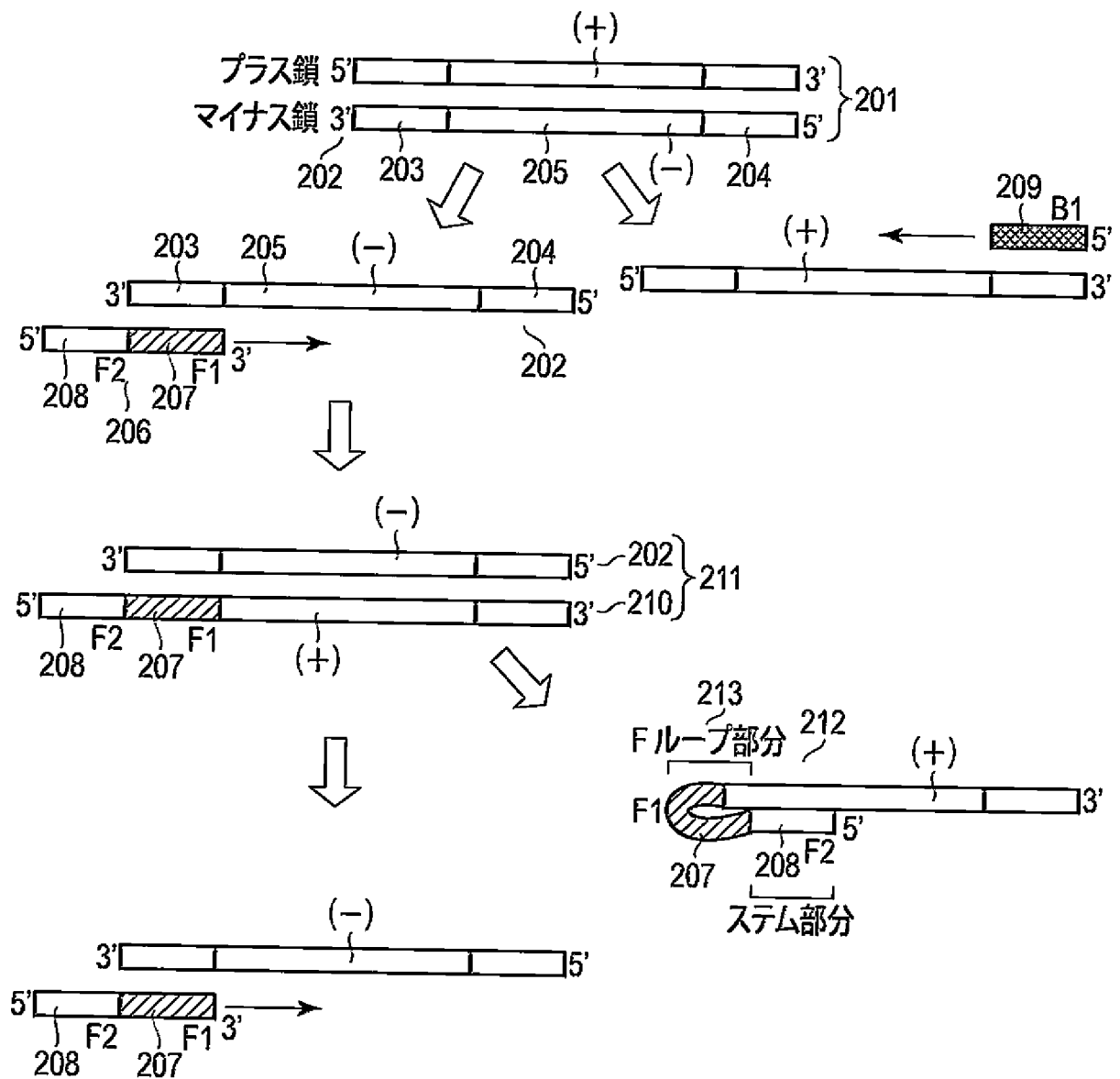


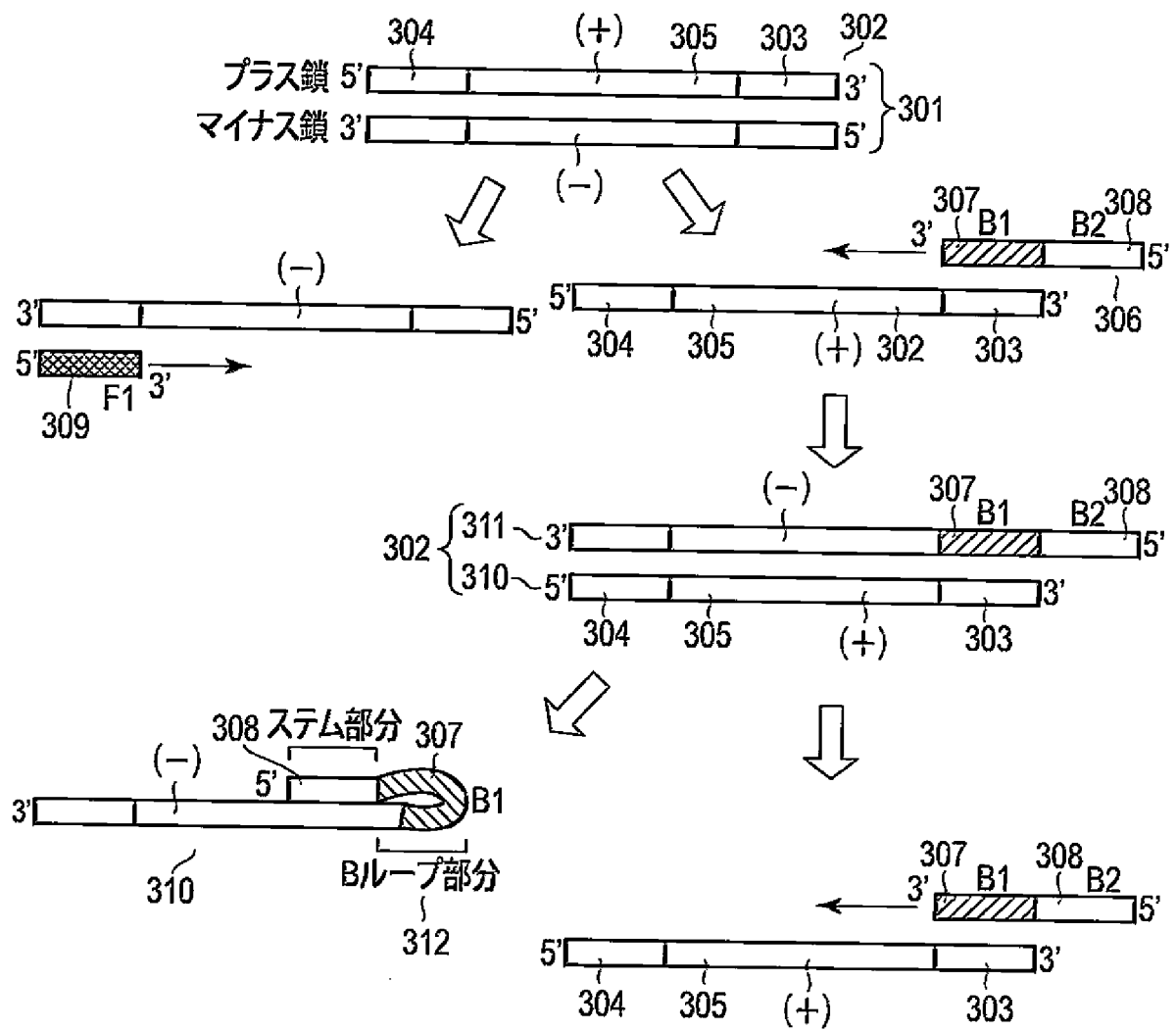
[図1]



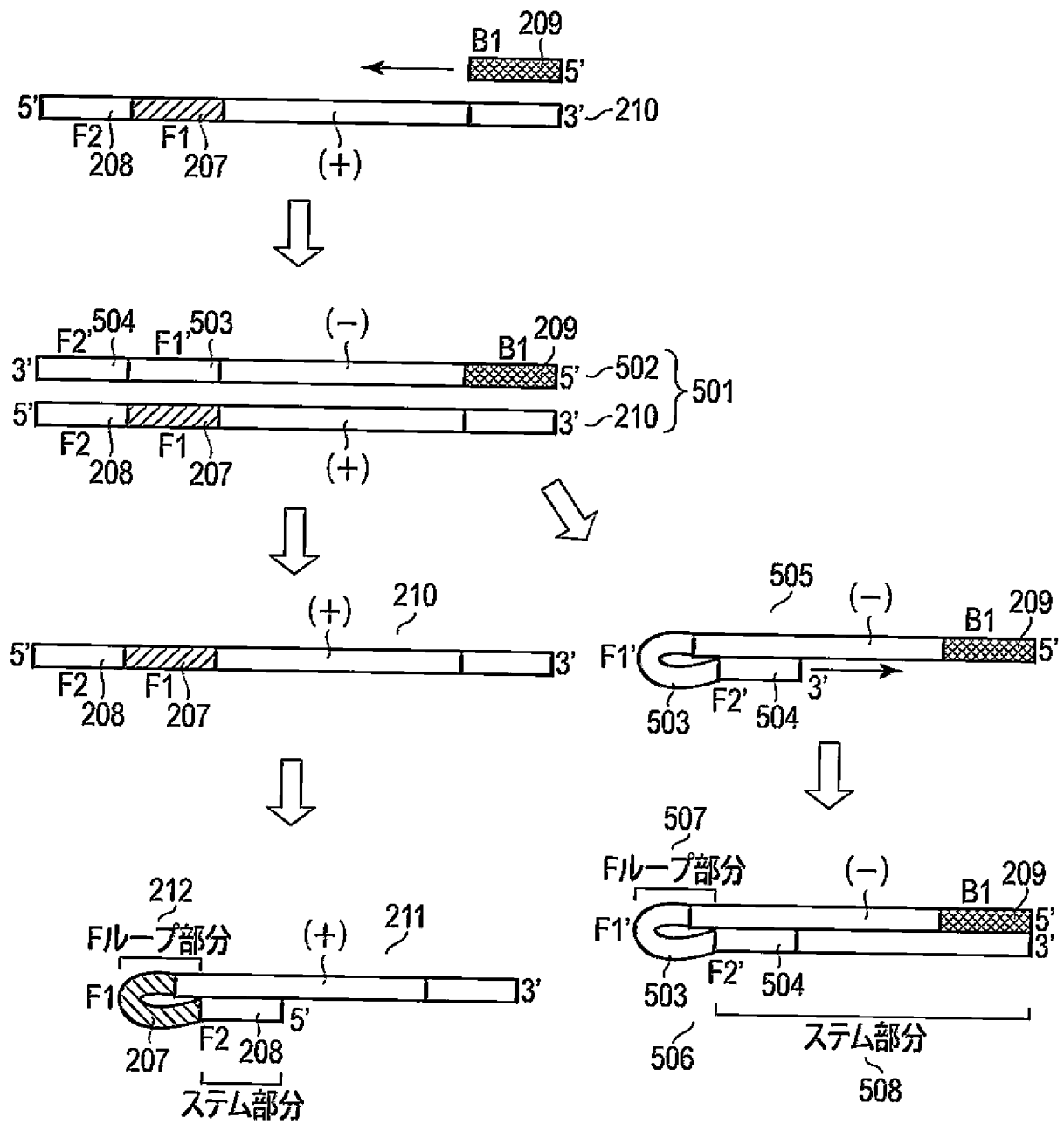
[図2]



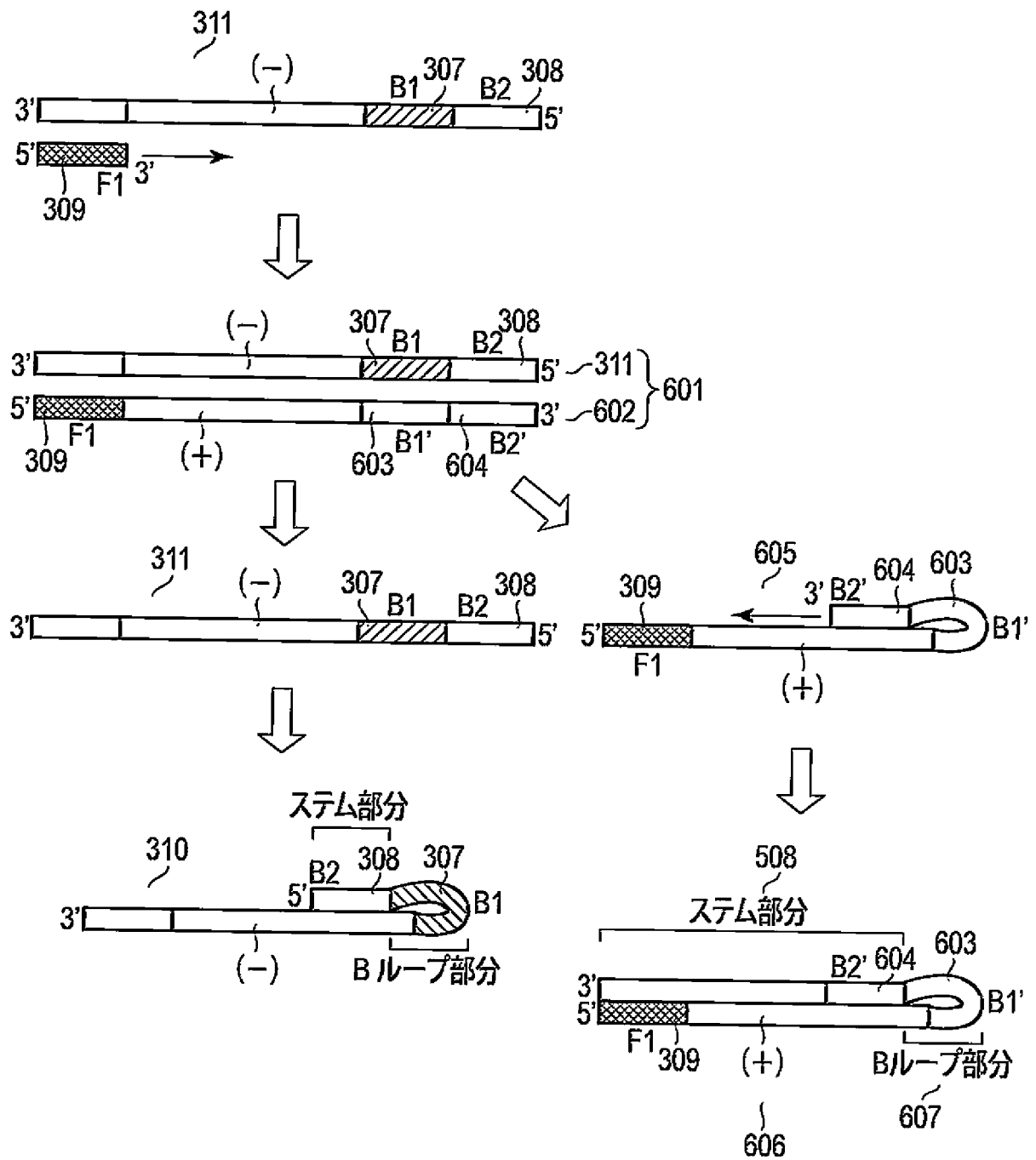
[図3]



[図5]



[図6]



[図7]

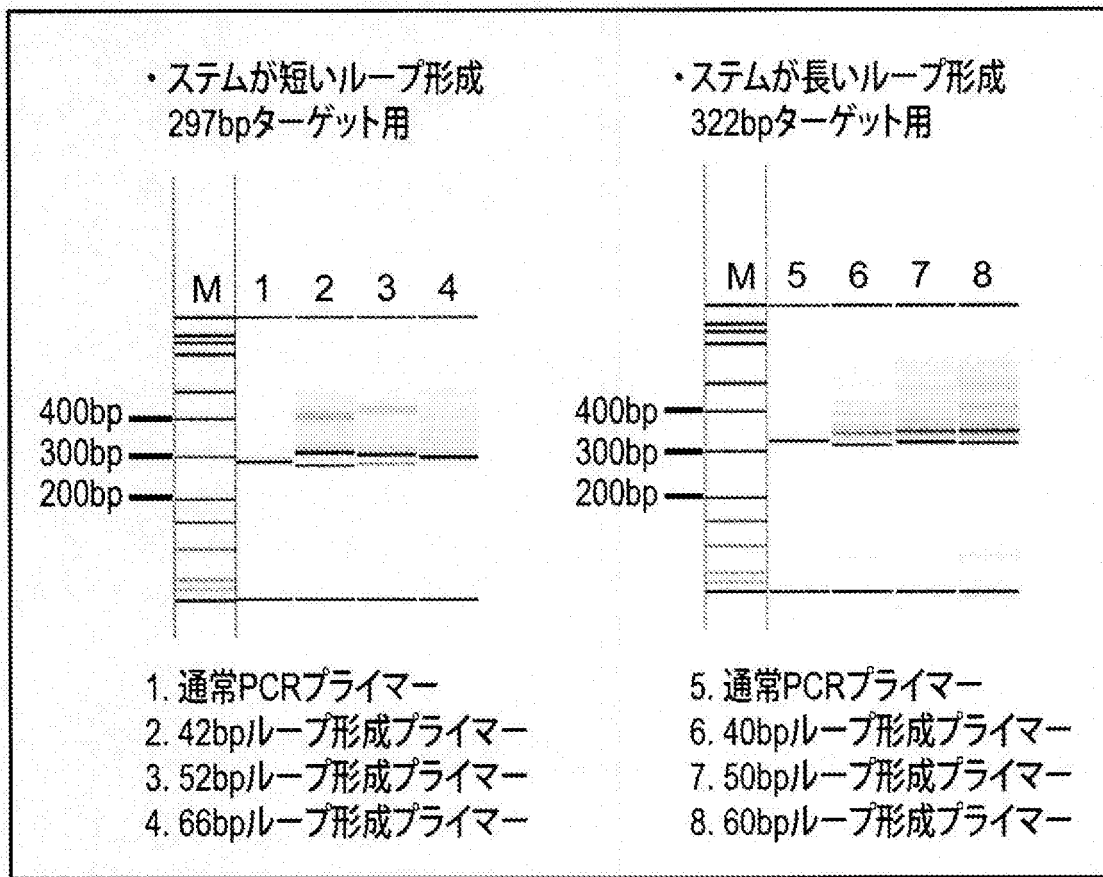
枯草菌 プライマー、プローブ位置

310	320	330	340	350	360
gactgagaca	cggcccgagac	tccctacgggga	ggcagcagta	gggaatcttc	cgcgaatggac
370	380	390	400	410	420
gaaagtcctga	cggagtcgaacg	cggcgttgagt	gagtgaaagtct	ttcgggacgtt	aaagctctctgt
430	440	450	460	470	480
tgcttagggga	gaacaaagtac	cgttcggaata	gggcgggtacc	ttgacgggtac	ctaaacagaaa
490	500	510	520	プライマー-F 322540	
agcccaaggct	aaactacgtgc	cagccagccgc	ggttaatacgt	aggttggtcaag	cgttcgtcggg
550	560	570	580	590	600
aaatcatctgg	cgtcaaaaggcc	tcccgagggcg	ttccttaagt	ctgatatgga	agcccccgggc
610	620	630	640	650	660
tcaaacggggg	aggggtcatctg	gaaacctgggg	aaacttgagtg	cagaaagaggga	gagtggaatt
670	680	プライマー-F 161700		710	720
ccacgtgtctag	cggctgaaatg	cgttagagagatg	tgaggggaacta	ccagtggtcga	agggcggactct
730	740	750	760	プライマー-F 297 780	
ctgggtctctga	actgacgcctg	agggagcggaaa	gcgttggtggag	cgaaacagat	tagatacctgg
790	800	810	820	830	840
ggtagtccac	gcccgttaaacg	atgagtgctta	agctgtctaggg	gggttcctccgc	cctttagatgct
840-プローブ領域 (マイナス鎖) 870					
gcaagctaag	catttaagcac	tccgcctggg	gagtagcggtc	gcaagacctga	aaactcaaaagg
910	920	930	940	950	960
aatggacggg	ggccccgcac	agcgggtggag	catgtgtgttt	aatccgaaac	aaagcggagga
970	980	990	1000	1010	1020
accttaacag	gtcttgacat	cctctgacaa	tcctagagat	agggacgtccc	cttcgggggc
1030	1040	1050	1060	1070	1080
agagtgacag	gtgtgtgcattg	gttgctgctca	gtcctgtctcg	tgagatgtctg	gggttaagtcc
1090	プライマー-R 29710		1120	1130	1140
cgcgaacgagc	gcaaccccttg	atcttagttg	ccagcattca	gttggggcact	ctaaaggtgac
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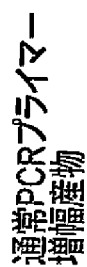
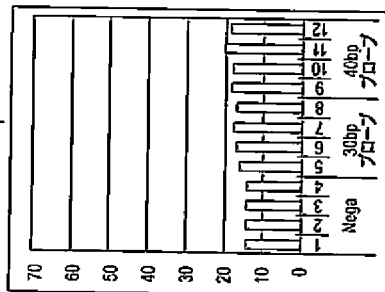
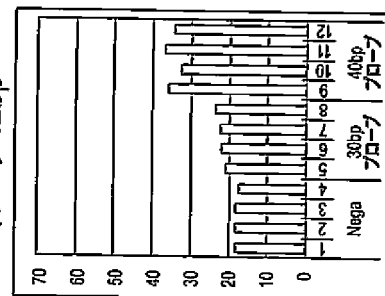
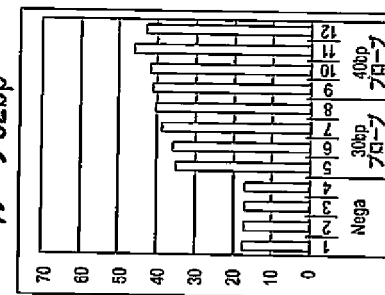
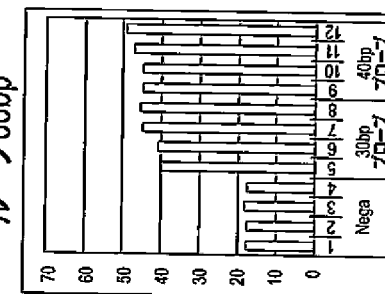
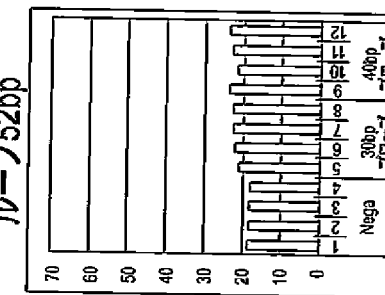
・システム部分が短いターゲット
検出用ターゲット297bp

・システム部分が長いターゲット
検出用ターゲット
161bp、322bp

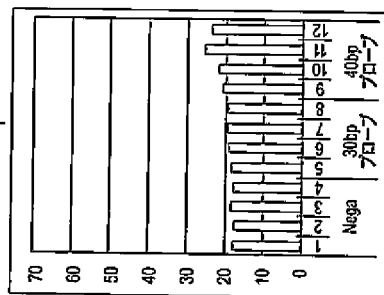
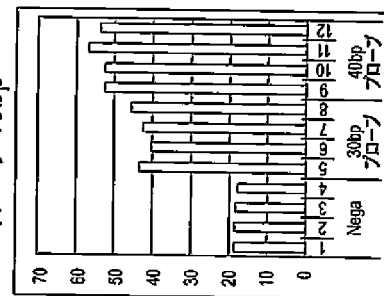
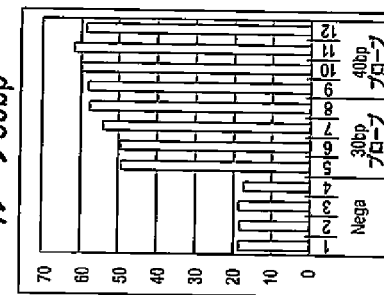
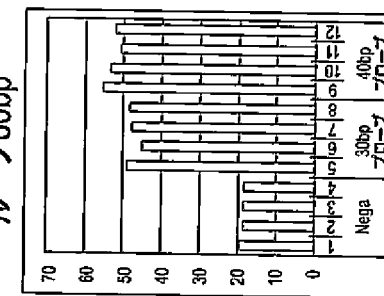
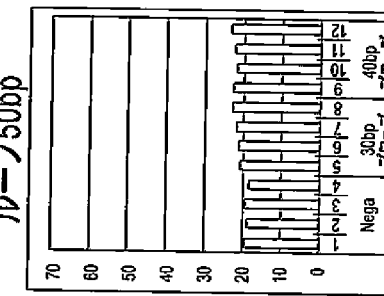
[図8]



ループ形成PCRプライマー増幅産物
ステム部分が短い297bp増幅産物

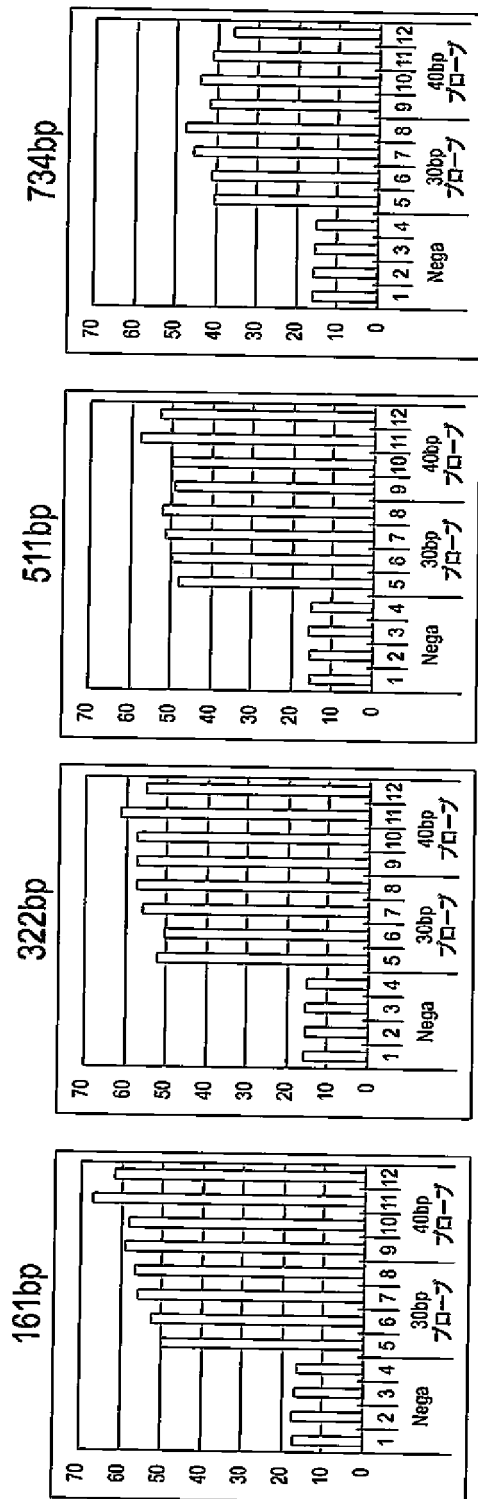


ステム部分が長い32bp増幅産物

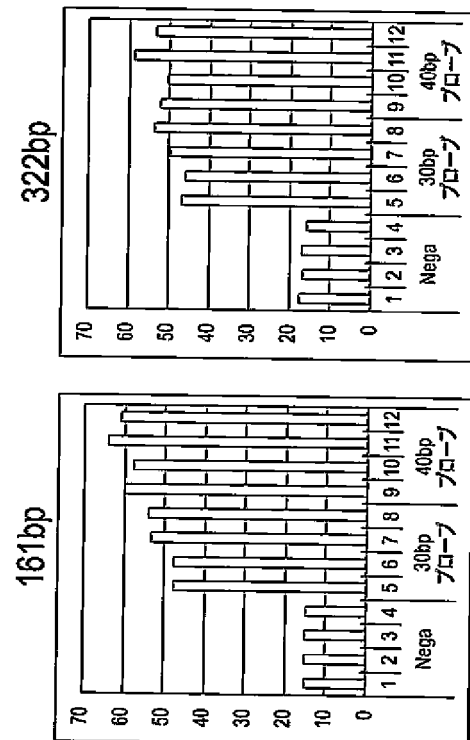


[図10]

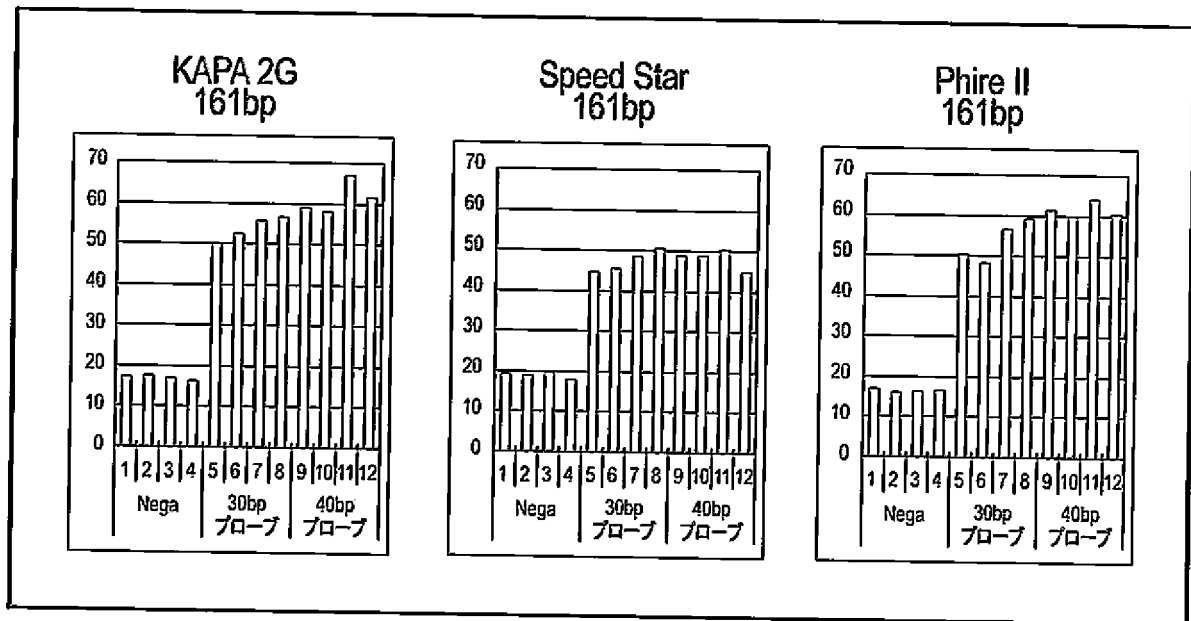
Rプライマーのみルーブ形成プライマー



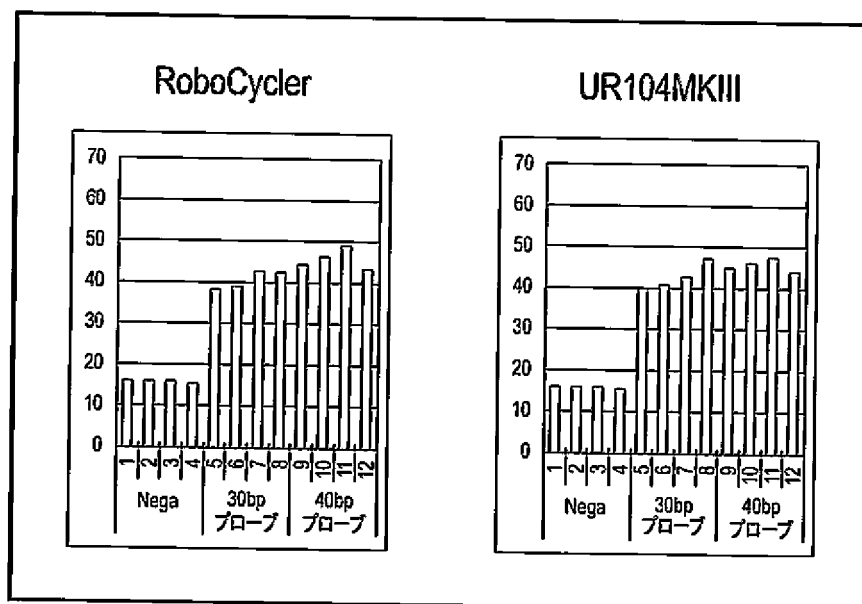
Fプライマー&Rプライマー両方がルーブ形成プライマー



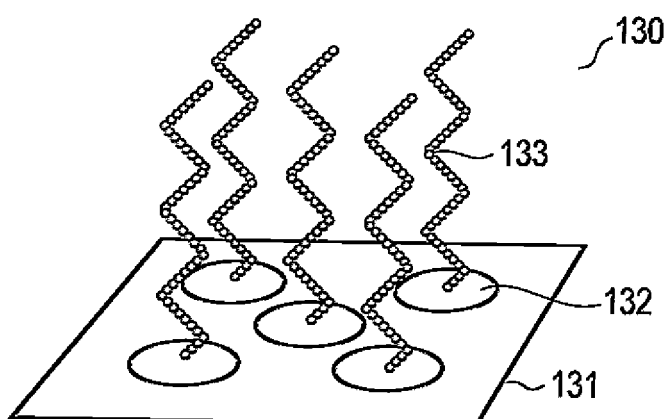
[図11]



[図12]



[図13]



[図14]

