

PRIMER PICKING RESULTS FOR Ferret 174 BsrBI

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Template masking not selected
No mispriming library specified
Using 1-based sequence positions
OLIGO          start len tm gc% any th 3' th hairpin seq
LEFT PRIMER      3    22  58.27  45.45    0.00    0.00    0.00  TTGGTCCTAGCCTTCCTATTGA
RIGHT PRIMER    152   20  58.83  50.00    0.00    0.00    0.00  GTGGTTGAGCAAGGCCTTAT
SEQUENCE SIZE: 200
INCLUDED REGION SIZE: 200

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PRODUCT SIZE: 150, PAIR ANY_TH COMPL: 0.00, PAIR 3'_TH COMPL: 0.00
TARGETS (start len

1 GTTTGGTCCTAGCCTTCCTATTGATTATTAACAGAATTACACATGCAAGTCTCTACACC
>>>>>>>>>>>>>>>>>>>>

61 CAGTGAGAATGCCCTCTAAATCTATATATTAGTTAAAAGGAGCGGGTATCAAGCACACTA

[illegible]

181 ATTAAGCCATGAACGAAAGT

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KEYS (in order of precedence):
***** target
>>>>> left primer
<<<<<< right primer
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ADDITIONAL OLIGOS

		<u>start</u>	<u>len</u>	<u>tm</u>	<u>gc%</u>	<u>any_th</u>	<u>3'_th</u>	<u>hairpin</u>	<u>seq</u>
1	LEFT PRIMER	45	20	59.02	55.00	0.00	0.00	0.00	GCAAGTCTCTACACCCAGT
	RIGHT PRIMER	148	20	58.91	50.00	0.00	0.00	0.00	TTGAGCAAGGCGTTATGAGC
	PRODUCT SIZE: 104,	PAIR	ANY_TH	COMPL: 0.00,	PAIR	3'_TH	COMPL: 0.00		
2	LEFT PRIMER	42	20	57.97	55.00	0.00	0.00	0.00	CATGCAAGTCTCTACACCCC
	RIGHT PRIMER	176	20	59.53	55.00	0.00	0.00	0.00	ATCACTGCTGTATCCCGTGG
	PRODUCT SIZE: 135,	PAIR	ANY_TH	COMPL: 0.00,	PAIR	3'_TH	COMPL: 0.00		
3	LEFT PRIMER	58	19	59.77	63.16	0.00	0.00	0.00	CCCCAGTGAGAATGCCCTC
	RIGHT PRIMER	157	18	58.24	61.11	0.00	0.00	0.00	GGGGTGTGGTTGAGCAAG
	PRODUCT SIZE: 100,	PAIR	ANY TH	COMPL: 0.00,	PAIR	3' TH	COMPL: 0.00		

Statistics

	con	too	in	in	not	no	tm	tm	high	high	high		high		
	sid	many	tar	excl	ok	bad	GC	too	too	any_th	3'_th	hair-	poly	end	
	ered	Ns	get	reg	reg	GC%	clamp	low	high	compl	compl	pin	X	stab	ok
Left	477	0	0	0	0	150	0	218	23	0	0	31	0	0	55
Right	338	0	0	0	0	68	0	141	23	0	0	0	35	0	71

Pair Stats:

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considered 5612, unacceptable product size 5607, primer in pair overlaps a primer in a better pair 6738, ok 5
libprimer3 release 2.4.0
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(primer3 results.cgi release 4.1.0)
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