Primer3 Output

```
PRIMER PICKING RESULTS FOR
Template masking not selected
No mispriming library specified
No internal oligo mishyb library specified
Using 1-based sequence positions
0LIG0
                 start len
                                 tm
                                       qc%
                                            any th 3' th hairpin seq
                    37
                         20
                              59.24
                                      50.00
                                               0.00
                                                      0.00
LEFT PRIMER
                                                              0.00 atccacqtcaccaccttcaa
RIGHT PRIMER
                   223
                         20
                              58.90
                                      50.00
                                              21.02
                                                    21.02
                                                              0.00 tgatttccttctgcatgcgg
INTERNAL OLIGO
                    71
                         20
                              60.24
                                      55.00
                                               0.00
                                                     0.00
                                                             38.69 gtgatgtcgatgtccgcaag
SEQUENCE SIZE: 266
INCLUDED REGION SIZE: 266
PRODUCT SIZE: 187, PAIR ANY TH COMPL: 0.00, PAIR 3' TH COMPL: 0.00
   1 ttccagccNtccgtcctNggtctcgaatccggcggNatccacgtcaccaccttcaaNtcc
                                          >>>>>>>>>>
   61 atcatgaagtgtgatgtcgatgtccgcaaggatctctacggaaacatcgtcatggtgagN
                ^^^^^
  121 NNtgNNatNctNctgNNNNNaNNNNatNNcagctaacNaNatNNNcagtccggcggcacN
  181 accatqtacccaggtatctccgaccgcatgcagaaggaaatcaccgccctcgccccatcc
                             <<<<<<<<
  241 aNcatgaaggtcaaNatcatcgcana
KEYS (in order of precedence):
>>>>> left primer
<<<<< right primer
^^^^^ internal oligo
ADDITIONAL OLIGOS
                          len
                                          <u>gc% any th 3' th hairpin seq</u>
                                   tm
                    start
 1 LEFT PRIMER
                            21
                                 58.04
                                                  0.00
                       65
                                         47.62
                                                         0.00
                                                                 0.00 tgaagtgtgatgtcgatgtcc
   RIGHT PRIMER
                      231
                            20
                                 59.75
                                         55.00
                                                  0.00
                                                         0.00
                                                                 0.00 gagggcggtgatttccttct
                      186
                            20
                                 59.60
                                         60.00
   INTERNAL OLIGO
                                                  0.00
                                                         0.00
                                                                42.31 gtacccaggtatctccgacc
  PRODUCT SIZE: 167, PAIR ANY_TH COMPL: 0.00, PAIR 3'_TH COMPL: 0.00
Statistics
                            in
                                                    tm
         con
               too
                      in
                                 not
                                              no
                                                          tm
                                                               high high high
                                                                                       high
                                              GC
                                                         too any_th 3'_th hair-
                     tar
                          excl
                                  ok
                                       bad
                                                   too
                                                                                 poly
         sid
              many
                                                                                        end
                Ns
                     get
                           reg
                                 reg
                                       GC% clamp
                                                   low
                                                        high compl compl
                                                                            pin
                                                                                    Х
                                                                                       stab
                                                                                               ok
        ered
```

Left	333	72	0	0	0	0	0	109	28	0	0	35	0	0	89
Right	322	73	0	0	0	14	0	32	117	0	0	1	0	0	85
Intl	984	178	0	0	0	0	0	110	426	0	0	5	0	0	265

Pair Stats:

considered 5032, unacceptable product size 5030, primer in pair overlaps a primer in a better pair 1086, ok 2 libprimer3 release 2.4.0

(primer3_results.cgi release 4.1.0)