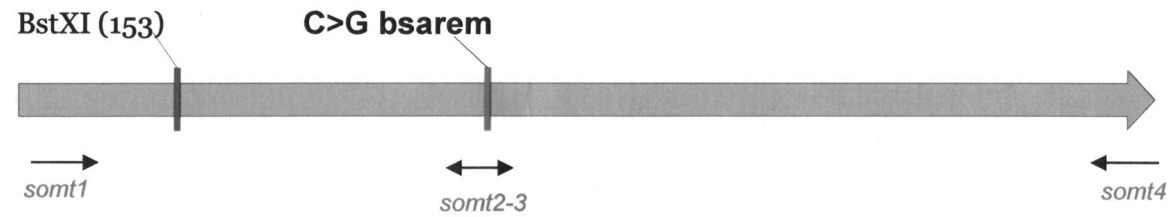
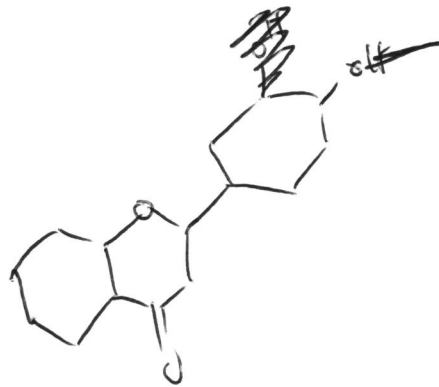
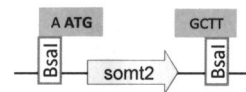


SOMT2 siterem 1082 bp



PCR from plasmid
clone **Bpil** in pICH41308

level 0



p?x

somt1	tt gaagac aa aatggcttcttcattaacaatggccg
somt2	tt gaagac aa ggacaccccaataactgtgagatcttcc
somt3	tt gaagac aa gtccttaggaacacctttctgggac
somt4	tt gaagac aa aagctcaaggatagatctcaataagagac

sequencing primer
mocl or
mocl of

100 pm = $\frac{\mu\text{mol}}{1}$
 $\frac{\mu\text{mol}}{\text{ml}} = \frac{\text{pmol}}{\mu\text{l}}$

SOMT2 siterem

+2 M A S S L N N G R K A S E I F Q G Q A L
 1 AATGCTTCT TCATTAACA ATGCCGTAA AGCAAGTGAG ATTTTCAAG GTCAAGCTCT
 TTACGAAGA AGTAATTTGT TACCGGCATT TCGTTCACCT TAAAAAGTTC CAGTTCGAGA
 +2 L L Y K H L L G F I D S K C L K W M V E L
 61 CTTGTACAAA CATTGCTTG GCTTCATAGA TTCTAAGTGT CTAAATGGA TGGTTGAGCT
 GAACATGTTT GTAAACGAAC CGAAGTATCT AAGATTACCA GATTTTACCT ACCAACTCGA
 +2 L D I P D I I H S H S H G Q P I T F S E L
 121 TGACATACCC GACATAATCC ACAGCCATAG CCATGGCCAA CCCATTACTT TTTCAGAGTT
 ACTGTATGGG CTGTATTAGG TGTCGGTATC GGTACCGGTT GGGTAATGAA AAAGTCTCAA
 +2 L V S I L Q V P P T K T R Q V Q S L M R Y
 181 GGTGTCAATT CTACAAGTCC CACCAACTAA AACTCGTCAG GTGCAGAGCC TCATGCGTTA
 CCACAGTTAA GATGTTTCAGG GTGGTTGATT TTGAGCAGTC CACGTCTCGG AGTACGCAAT
 +2 Y L A H N G F F E I V R I H D N I E A Y A
 241 TCTAGCACAC AATGGATTCT TTGAGATAGT AAGAATCCAT GACAACATAG AAGCATATGC
 AGATCGTGTG TTACCTAAGA AACTCTATCA TTCTTAGGTA CTGTTGTATC TTCGTATACG
 +2 A L T A A S E L L V K S S E L S L A P M V
 301 TCTCACTGCT GCTTCAGAGT TACTTGTCAA AAGCAGTGAG CTTAGTTTAG CTCCAATGGT
 AGAGTGACGA CGAAGTCTCA ATGAACAGTT TTCGTCACTC GAATCAAATC GAGGTTACCA
 +2 V E Y F L E P N C Q G A W N Q L K R W V H
 361 TGAGTATTTT CTGAACCAA ATTGTCAAGG TGCATGGAAC CAGTTGAAGA GGTGGGTTCA
 ACTCATAAAA GAAGTTGGTT TAACAGTTCC ACGTACCTTG GTCAACTTCT CCACCCAAGT
 +2 H E E D L T V F G V S L G T P F W D F I N
 421 TGAGGAAGAT CTCACAGTAT TTGGGGTGTG CTTAGGAACA CCTTTCTGGG ACTTTATCAA
 ACTCTTCTA GAGTGTCTA AACCCTCAG GAATCCTTGT GGAAAGACCC TGAAATAGTT
 +2 N K D P A Y N K S F N E A M A C D S Q M L
 481 TAAAGACCCT GCATATAACA AGTCATTCAA TGAGGCAATG GCTTGTGATT CTCAGATGTT
 ATTTCTGGGA CGTATATTGT TCAGTAAGTT ACTCCGTTAC CGAACACTAA GAGTCTACAA
 +2 L N L A F R D C N W V F E G L E S I V D V
 541 GAAGTTGGCG TTTAGAGATT GCAATTGGGT CTTTGAGGGA CTGGAATCCA TTGTGGATGT
 CTTGAACCGC AAATCTCTAA CGTTAACCCA GAAACTCCCT GACCTTAGGT AACACCTACA
 +2 V G G G T G I T A K I I C E A F P K L K C
 601 TGGTGGTGGG ACTGGAATCA CAGCAAAGAT TATCTGTGAG GCTTTTCCTA AGCTGAAATG
 ACCACCACCT TGACCTTAGT GTCGTTTCTA ATAGACACTC CGAAAAGGAT TCGACTTTAC
 +2 C M V L E R P N V V E N L S G S N N L T F
 661 CATGGTGTG GAACGTCCAA ATGTTGTGGA AAATTTGTCA GGAAGCAACA ATTTGACATT
 GTACCACAAC CTTGCAGGTT TACAACACCT TTAAACAGT CCTTCGTTGT TAAACTGTAA
 +2 F V G G D M F K C I P K A D A V L L K L V
 721 TGTGTTGGTGG GACATGTTTA AATGCATCCC CAAGGCTGAT GCAGTCTGTC TTAAGTTGGT
 ACAACCACCC CTGTACAAAT TTACGTAGGG GTTCCGACTA CGTCAAGACG AATTCAACCA
 +2 V L H N W N D N D C M K I L E N C K E A I
 781 TTTACATAAT TGGAATGACA ACGATTGCAT GAAGATATTA GAAAATTGTA AAGAAGCTAT
 AAATGTATTA ACCTTACTGT TGCTAACGTA CTTCTATAAT CTTTAAACAT TTCTTCGATA
 +2 I S G E S K T G K V V V I D T V I N E N K
 841 TTCAGGTGAA AGCAAAACAG GAAAAGTAGT TGTCATAGAT ACTGTGATAA ACGAAAACAA
 AAGTCCACTT TCGTTTTGTC CTTTTCATCA ACAGTATCTA TGACACTATT TGCTTTTGT
 +2 K D E R Q V T E L K L L M D V H M A C I I
 901 AGATGAGCGC CAAGTTACTG AACTAAAGCT CCTTATGGAT GTACACATGG CATGTATTAT
 TCTACTCGCG GTTCAATGAC TTGATTTCGA GGAATACCTA CATGTGTACC GTACATAATA

SOMT2 siterem

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+2  · I N G K E R K E E D W K K L F M E A G F Q ·
961  TAATGGAAAA GAGAGAAAAG AAGAAGATTG GAAGAAACTC TTCATGGAAG CAGGGTTCCA
    ATTACCTTTT CTCTCTTTTC TTCTTCTAAC CTTCTTTGAG AAGTACCTTC GTCCCAAGGT
-----
+2  · Q S Y K I S P F T G Y L S L I E I Y P *
1021 AAGCTACAAA ATATCTCCCT TCACAGGATA TTTGTCTCTT ATTGAGATCT ATCCTTGAGC
    TTCGATGTTT TATAGAGGGA AGTGTCTTAT AAACAGAGAA TAACCTCTAGA TAGGAACTCG
-----
1081 TT
    AA
```

g

1tl	3.2240
1tr	3.1885
1bl	3.3750
1br	3.3226

2tl	3.1896
2tr	3.2080
2bl	3.3045
2br	3.3727

3tl	3.2170
-----	--------

3tr	3.2346
-----	--------

3bl	3.2615
-----	--------

3br	3.2957
-----	--------

A → 6.56 mg

B → 6.66 mg

C → 7.08 mg

64.91 g

C118 Bell OPILEX GX620
 → inv N=02710
 Win (d1), BioDoc Analyze