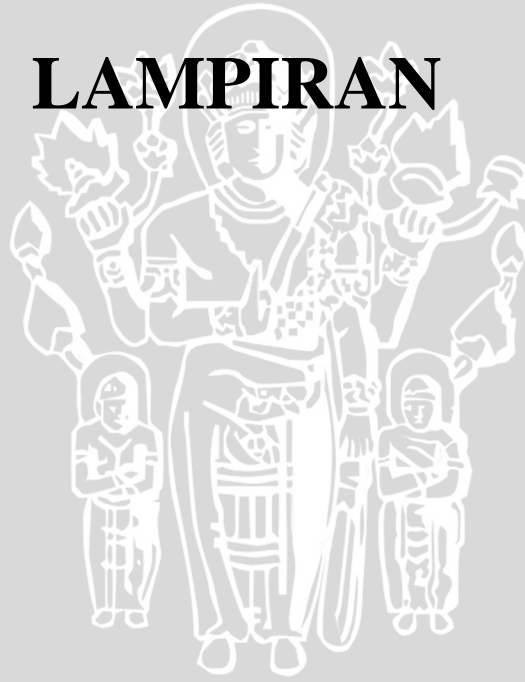


UNIVERSITAS BRAWIJAYA



LAMPIRAN



NNNNNNNANNNTNCGAATCGTCACCCTGTGGACATACCTAAACGTTGC
 TTCNGCGGGAATAGACGGCCCCGTGAANNGGCNGNCCCCGCCAGAGG
 ACCCTTAACTCTGTTTCTATAAAGAGGGCGGCTGAGTAAAACAAGCAA
 TAAATTA AAACTTTCAACAACGGATCTCTTGGCTCTGGCATCGATGAA
 GTTTCGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGA
 ATCATCGAATCTTTGAACGCACATTGCGCCCCGCCAGTATTCTGGCGGG
 CATGCCTGTTTCGAGCGTCATTACAACCCTCAGGCCCCCCGGGCCTGGCG
 TTGGGGATCGGCGGAGCCCTTTGTGGGCACACGCCGTCCCCCAAATAC
 AGTGGCGGTCCC GCCCAGCTTCCATCGCGTAGTAGCTAACACCTCGC
 GACTGGAGAGCGGCGCGGCCACGCCGTAAAACACCCA ACTCTTCTGA
 AGTTGACCTCGAATCAGGTAGGAATACCCGCTGAACTTAAGCATATCA
 ATAAGCGGAGGAA

Lampiran 1. Fragmen DNA hasil sequencing sekuens *foward* sampel BB1

NNNNNNNNNNNNNNNNNNNNNNANNNNANNNNNCTTCANNAGAGTTGGNN
 NNNANGGCGTGGTCGCGCCGNNNNNNNNNNNNNNNNNNNNTNNNNAA
 ANGAAGCNGC NNNNNNNNNNNNNNNNNNNNTTGGTTGGACGGCGTGTGCC
 CACAAAGGGNTCCGCCGATCCCCAACGCCAGGCCCGGGNTTNNNNNN
 NANNGTAATGACGCTCGAACAGGCATGCCCGCCAGAATACTGGCGGG
 CGCAATGTGCGTTCAAAGATTCGATGATTCACTGAATTCCTACTTCAC
 ATTACTTATCGCATTTCGCTGCGTTCTTCATCGATGCCAGAGCCAATAG
 ATCCGTTGTTGAAAGTTTTAATTTATTTGCTTGTTTTACTCAGAAGAAA
 CTTTTTTTTCCCCACTTNAGGTCCTCAGGAGTGGGTGGTTCTTTTTA

Lampiran 2. Fragmen DNA hasil sequencing sekuens *reverse* sampel BB1

NNNNNNNNNNNNNTTNNCTCNCTACCCTTCTGTGACCTACCTTATCGTT
 GNCCGGCGGACTCGCCCCAGCNGNNNNNNNTGGNCCAGCGGCCCGCCG
 GGGACCTCAAATNNNGNCCNGCATCTTCTGAATACGCCGCAAGGCA
 AAACAAATGAATCAAACTTTCAACAACGGATCTCTTGTTCCTGGCAT
 CGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAAT
 CCAGTGAATCATCGAATCTTTGAACGCACATTGCGCCCCGCCAGCATT
 TGCGGGCATGCCTGTTTCGAGCGTCATTTCAACCCTCGACCTCCCCTGG
 GGGAGGTTCGGCGTTGGGGACCGGCAGCACACCGCCGGCCCTGAAATG
 GAGTGGCGGCCCGTCCGCGGCGACCTCTTCGTAGTAATACAGCTCGCA
 CCGGAACCCCGACGCGGCCACGCCGTAAAACACCCA ACTTCTGAACGT
 TGACCTCGAATCAGGTAGGACTACCCGCTGAACTTAAGCATATCAATA
 AGCGGAGGAA

Lampiran 3. Fragmen DNA hasil sequencing sekuens *foward* sampel BB2

NNNNNNNNNNNNCNGATTTCGAGGTCACGTTTCAGAAGTTGGGTGTTT
 ACGGCGTGGCCGCGTCGGGGNNTGNNNGANCTGTATTNNNCGCAGAG
 GTCGCCGCGGANGGCCGCNNTCCATTTTCAGGGCCGGCGGTGTGCTGC
 CGGTCCCCAACGCCGACCTCCCCAGGGGAGGTTCGAGTCTTGAAATGA
 CGCTCGAACAGGCATGCCCGCCAGAATGCTGGCGGGCGCAATGTGCGT
 TCAAAGATTTCGATGATTCACTGGATTCTGCAATTCACATTACTTATCGC
 ATTTGCTGCGTTCTTCATCGATGCCAGAGCCAAGAGATCCGTTGTTGA
 AAGTTTTGATTCATTTGTTTTGCCTTGCGGCGTATTCAGAAGATGCTGG
 AATAACAAGAGTTTGAGGTCCCCNTTCGGGGCCGCTGGTCCAGTCCGCGT
 CCGGGCTGGGGCGAGTCCGCCGAAGCAACGATAAAGGTAGGTTACAG
 AAGGGTTAGGGAGTTGAAAACCTCGGTAATGATCCCTCCGCAGGTTAC
 CTACGGAAG

Lampiran 4. Fragmen DNA hasil sequencing sekuens *reverse* sampel BB2

NNNNNNNNNNANNNANCNCNNTACCCTTCTGTGACCTACCTATCGTTCG
 NNNGGCGGACTCGCCCCAGCNGNNNANNNCCNGCGGCNCGCCGGGG
 ACCTCAAACNNGNNGNNCNATCTTCTGAATACGCCGCAAGGCAAAC
 AAATGAATCAAACCTTCAACAACGGATCTCTTGGTCTTGGCATCGAT
 GAAGAACGCAGCGAAACGCGATAAGTAATGTGAATTGCAGAATCCAG
 TGAATCATCGAATCTTTGAACGCACATTGCGCCCGCCAGCATTCTGGC
 GGGCATGCCTGTTTCGAGCGTCATTTCAACCCTCGACCTCCCCTTGGGG
 AGGTTCGGCGTTGGGGACCGGCAGCACACCGCCGGCCCTGAAATGGAG
 TGCGGGCCCGTCCGCGGCGACCTTTGTGCAGTAATACAGCTCGCACCG
 GGTCCCCGACGCGGCCACGCCGTA AAAACACCCA ACTTCTGAACGTTGA
 CCTCGAATCAGGTAGGACTACCTCCTGAACTTAAGCATATCAATAAGC
 GGAGGAA

Lampiran 5. Fragmen DNA hasil sequencing sekuens *foward* sampel BB3

NNNNNNNNNNNNNNNNCANNNTGATTTCGAGGTCACGTTTCAGAAGTTGGGC
 GNNNCGGCGTGGCCGCGTCGGGNNNNGNNNTNNTTACTGCGCAGAG
 GTCGCCGCGGACGGGNNNNCANNNNCATTTCAGGGTNGGCGGTGTGC
 TGCCGGTCCCCAACGCCGACCTCCCCAAGGGGAGGTTCGAGGGTTGCCT
 ATGACGCTCGAACAGGCATGCCCGCCAGAATGCTGGCGGGCGCAATG
 TCGTTCAAAGATTTCGATGATTCACTGGATTCTGCAATTCACATTACTT
 ATCGCGTTTCGCTGCGTTCTTCATCGATGCCAGAGCCAAGAGATCCGTT
 GTTGAAAGTTTTGATTCATTTGTTTTGCCTTGCGGCGTATTCAGAAGAT
 GCTGGTATACACGAGTTTGAGGTCCCCGGCGGGCCTCTTGTCAGTCC
 GCGTCCGGGCTGGGGCGAGTTGGGGGAAGCAACGATTGGTAGGTTCA
 CAGAAGGGTTAGGGAGTTGAAAACCTTTGTAATGATCCTTCCGCAGGTT
 CTCCTACGGAAGG

Lampiran 6. Fragmen DNA hasil sequencing sekuens *reverse* sampel BB3





Gambar lampiran 1. *B. bassiana* pada media PDB



Gambar lampiran 2. Kit Elektroforesis



Gambar lampiran 3. Aspirator



Gambar lampiran 4. Gel Extractor (TOYOBO, Japan)



Gambar lampiran 5. Kit PCR



Gambar lampiran 6. Big Dye Terminator v 3.1 Sequencing Kit



Gambar lampiran 7. Gel Shooting Machine



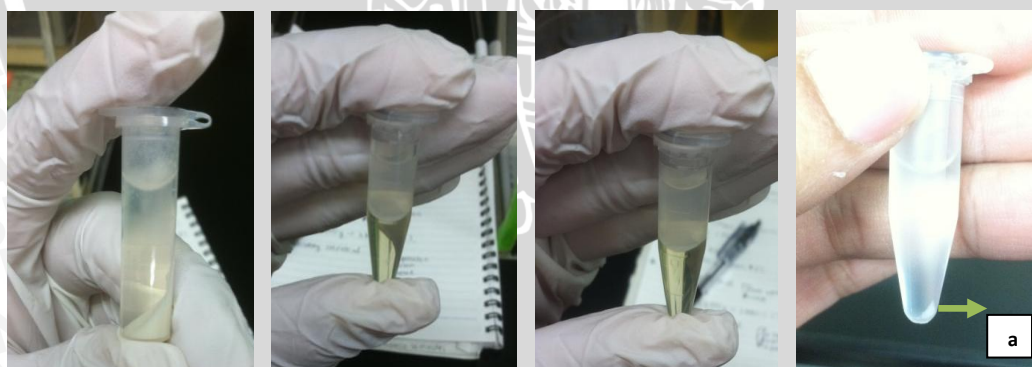
Gambar lampiran 8. Elektroforesis Machine



Gambar lampiran 9. Bio Spec Nano Spectrophotometer



Gambar lampiran 10. PCR Thermal Cycler



Gambar lampiran 11. Hasil Isolasi DNA Sampel (a.Pelet DNA)

Tabel 1. Data Hasil Uji Spektrometer

No	Sampel	Konsentrasi DNA(ng/μl)		
		0x	10x	100x
1.	BB1	1005,48	155,68	19,35
2.	BB2	1131,94	102,69	14,31
3.	BB3	1173,50	146,58	18,74

