



LAMPIRAN

Lampiran 1. Observasi dan Sampling Sampel Aksesoris Penyus



Lampiran 2. Ekstraksi Qiagen Aksesoris Penyus





Lampiran 3. PCR (*Polymerase Chain Reaction*) GOLD 55 Aksesoris Penyus



Lampiran 4. Elektroforesis dan Visualisasi Aksesoris Karapas Penyus



Lampiran 5. Hasil BLAST NCBI

Sequences producing significant alignments									
Download Select columns Show 100									
select all 100 sequences selected									
GenBank Graphics Distance tree of results MSA Viewer									
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT296A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro ge...	Eretmochelys i...	1570	1570	100%	0.0	99.77%	907	PP826970.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate rErelmb1 genome assembly, organelle: mitochondrion	Eretmochelys i...	1570	1570	100%	0.0	99.77%	16779	OZ223910.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT361A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro ge...	Eretmochelys i...	1565	1565	100%	0.0	99.65%	894	PP826969.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher D-2017-254-01-mtCR haplotype EIIIP08 D-loop and tRNA-Pro gene, partial...	Eretmochelys i...	1565	1565	100%	0.0	99.65%	930	PP826979.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher S8-01-mtCR haplotype EIIIP163 D-loop and tRNA-Pro gene, partial sequen...	Eretmochelys i...	1565	1565	100%	0.0	99.65%	892	PP826967.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE11 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1563	1563	100%	0.0	99.77%	852	KY363931.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE08 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1563	1563	100%	0.0	99.77%	852	KY363930.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE03 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1563	1563	100%	0.0	99.77%	852	KY363929.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE13 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1563	1563	100%	0.0	99.77%	852	KY363932.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EIIIP140 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete sequen...	Eretmochelys i...	1559	1559	100%	0.0	99.53%	892	OR400415.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE15 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1552	1552	100%	0.0	99.53%	852	KY363933.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 101_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys i...	1539	1539	98%	0.0	99.64%	864	JF926548.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EI_EP10 D-loop, partial sequence: mitochondrial	Eretmochelys i...	1524	1524	97%	0.0	99.88%	837	KJ603538.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher 4A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro gene, partial sequenc...	Eretmochelys i...	1519	1519	97%	0.0	99.76%	857	PP826981.1	
<input type="checkbox"/> Eretmochelys imbricata haplotype EI_EP02 D-loop, partial sequence: mitochondrial	Eretmochelys i...	1519	1519	97%	0.0	99.76%	837	KJ603530.1	

Sequences producing significant alignments									
Download Select columns Show 100									
select all 100 sequences selected									
GenBank Graphics Distance tree of results MSA Viewer									
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate rErelmb1 genome assembly, organelle: mitochondrion	Eretmochelys i...	1607	1607	100%	0.0	98.47%	16779	OZ223910.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher D-2017-254-01-mtCR haplotype EIIIP08 D-loop and tRNA-Pro gene, partial...	Eretmochelys i...	1605	1605	99%	0.0	98.89%	930	PP826979.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT296A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro ge...	Eretmochelys i...	1589	1589	99%	0.0	98.56%	907	PP826970.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT361A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro ge...	Eretmochelys i...	1589	1589	98%	0.0	98.67%	894	PP826969.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EIIIP140 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete sequen...	Eretmochelys i...	1572	1572	98%	0.0	98.33%	892	OR400415.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher S8-01-mtCR haplotype EIIIP163 D-loop and tRNA-Pro gene, partial sequen...	Eretmochelys i...	1567	1567	98%	0.0	98.43%	892	PP826967.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata mitochondrion, complete genome	Eretmochelys i...	1559	1559	100%	0.0	97.49%	16386	KP221806.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 5787 mitochondrion, partial genome	Eretmochelys i...	1548	1606	97%	0.0	99.30%	16354	JX454970.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE11 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1539	1539	92%	0.0	99.64%	852	KY363931.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE08 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1539	1539	92%	0.0	99.64%	852	KY363930.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 101_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys i...	1539	1539	94%	0.0	99.07%	864	JF926548.1	
<input type="checkbox"/> Eretmochelys imbricata haplotype EIUAE03 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete se...	Eretmochelys i...	1539	1539	92%	0.0	99.64%	852	KY363929.1	

Sequences producing significant alignments									
Download Select columns Show 100									
select all 100 sequences selected									
GenBank Graphics Distance tree of results MSA Viewer									
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT296A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro g...	Eretmochelys i...	1611	1611	100%	0.0	99.77%	907	PP826970.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate rErelmb1 genome assembly, organelle: mitochondrion	Eretmochelys i...	1604	1604	99%	0.0	99.77%	16779	OZ223910.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher D-2017-254-01-mtCR haplotype EIIIP08 D-loop and tRNA-Pro gene, partial...	Eretmochelys i...	1598	1598	99%	0.0	99.66%	930	PP826979.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT361A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro g...	Eretmochelys i...	1592	1592	99%	0.0	99.77%	894	PP826969.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher S8-01-mtCR haplotype EIIIP163 D-loop and tRNA-Pro gene, partial sequen...	Eretmochelys i...	1592	1592	99%	0.0	99.77%	892	PP826967.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EIIIP140 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete sequen...	Eretmochelys i...	1587	1587	99%	0.0	99.65%	892	OR400415.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE11 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete s...	Eretmochelys i...	1568	1568	97%	0.0	99.88%	852	KY363931.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE08 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete s...	Eretmochelys i...	1568	1568	97%	0.0	99.88%	852	KY363930.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE03 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete s...	Eretmochelys i...	1568	1568	97%	0.0	99.88%	852	KY363929.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE13 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete s...	Eretmochelys i...	1568	1568	97%	0.0	99.88%	852	KY363932.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 101_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys i...	1565	1565	97%	0.0	99.77%	864	JF926548.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE15 tRNA-Thr gene, partial sequence: tRNA-Pro gene, complete s...	Eretmochelys i...	1557	1557	97%	0.0	99.65%	852	KY363933.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EI_EP10 D-loop, partial sequence: mitochondrial	Eretmochelys i...	1546	1546	95%	0.0	100.00%	837	KJ603538.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata mitochondrion, complete genome	Eretmochelys i...	1544	1544	99%	0.0	98.52%	16386	KP221806.1	
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher 4A-01-mtCR haplotype EIIIP45 D-loop and tRNA-Pro gene, partial sequen...	Eretmochelys i...	1544	1544	99%	0.0	99.76%	857	PP826981.1	
<input type="checkbox"/> Eretmochelys imbricata haplotype EI_EP02 D-loop, partial sequence: mitochondrial	Eretmochelys i...	1544	1544	95%	0.0	99.88%	837	KJ603530.1	

Lampiran 5. Hasil BLAST NCBI

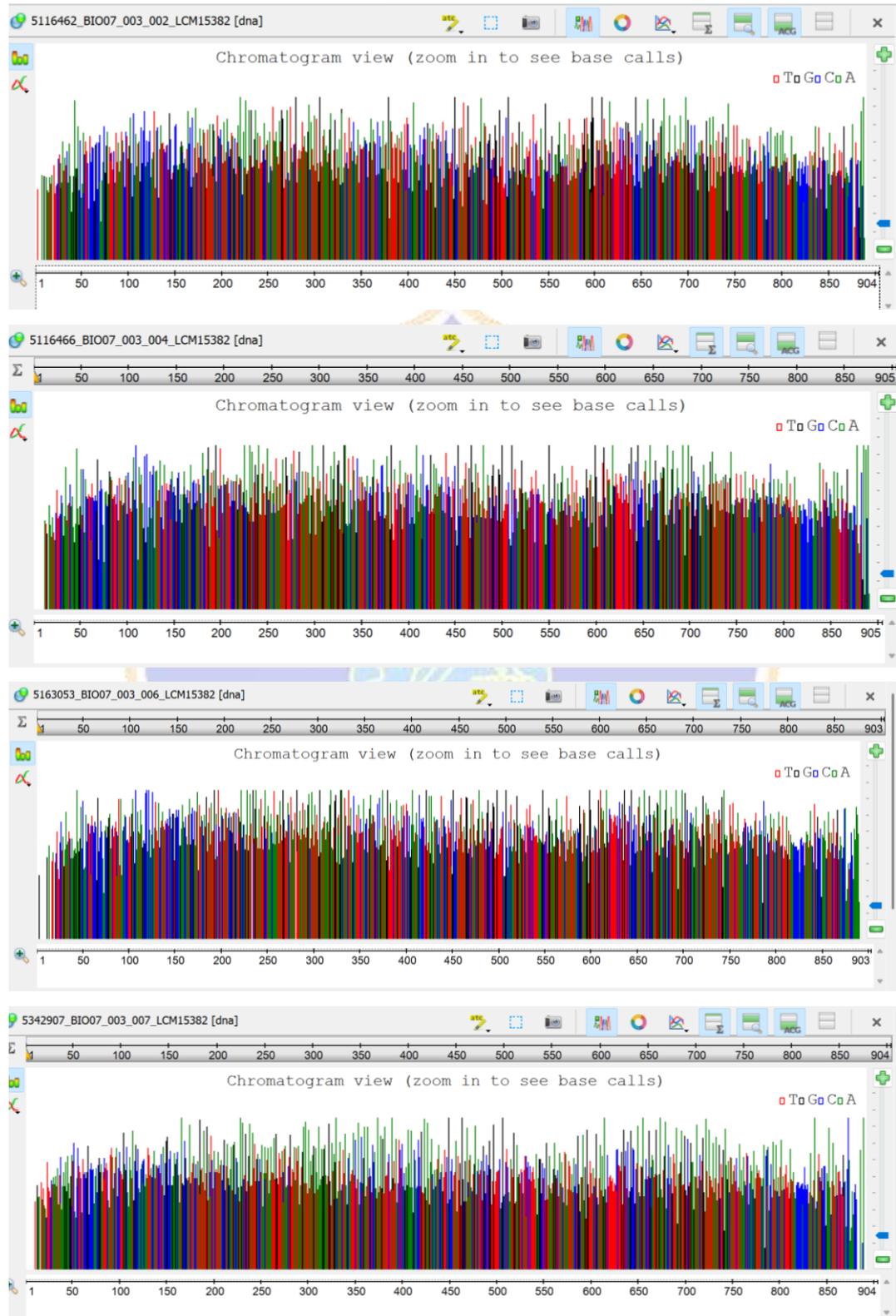
Sequences producing significant alignments		Download	Select columns	Show	100			
select all 100 sequences selected		GenBank	Graphics	Distance tree of results	MSA Viewer			
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher D-2017-254-01-mtCR haplotype EiiP08 D-loop and tRNA-Pro gene, partial...	Eretmochelys j...	1620	1620	99%	0.0	100.00%	930	PP826979.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT296A-01-mtCR haplotype EiiP45 D-loop and tRNA-Pro g...	Eretmochelys j...	1607	1607	100%	0.0	99.44%	907	PP826970.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate rEretmb1 genome assembly, organelle: mitochondrial	Eretmochelys j...	1604	1604	99%	0.0	99.66%	16779	OZ223910.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT361A-01-mtCR haplotype EiiP45 D-loop and tRNA-Pro g...	Eretmochelys j...	1587	1587	98%	0.0	99.54%	894	PP826969.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher S8-01-mtCR haplotype EiiP163 D-loop and tRNA-Pro gene, partial seque...	Eretmochelys j...	1587	1587	98%	0.0	99.54%	892	PP826967.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP140 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete seque...	Eretmochelys j...	1581	1581	98%	0.0	99.43%	892	OR400415.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 101_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1576	1576	96%	0.0	100.00%	864	JF926548.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE11 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete s...	Eretmochelys j...	1557	1557	96%	0.0	99.65%	852	KY363931.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE08 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete s...	Eretmochelys j...	1557	1557	96%	0.0	99.65%	852	KY363930.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE03 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete s...	Eretmochelys j...	1557	1557	96%	0.0	99.65%	852	KY363929.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE13 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete s...	Eretmochelys j...	1557	1557	96%	0.0	99.65%	852	KY363932.1
<input checked="" type="checkbox"/> Eretmochelys imbricata mitochondrion, complete genome	Eretmochelys j...	1555	1555	99%	0.0	98.63%	16386	KP221806.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE15 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete s...	Eretmochelys j...	1546	1546	96%	0.0	99.41%	852	KY363933.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 73_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1544	1544	95%	0.0	99.76%	852	JF926547.1

Sequences producing significant alignments		Download	Select columns	Show	100			
select all 100 sequences selected		GenBank	Graphics	Distance tree of results	MSA Viewer			
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 61392 mitochondrial, partial genome	Eretmochelys j...	1611	1611	100%	0.0	100.00%	16349	JX454980.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 104_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1557	1557	99%	0.0	99.19%	871	JF926550.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 60_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1557	1557	98%	0.0	99.30%	863	JF926544.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 97_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1546	1546	98%	0.0	99.30%	869	JF926545.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 102_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1544	1544	97%	0.0	99.53%	853	JF926549.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 49_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1541	1541	97%	0.0	99.41%	853	JF926554.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP120 tRNA-Pro gene and control region, partial sequence: mitochondrial	Eretmochelys j...	1526	1526	95%	0.0	99.88%	835	KR708171.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP123 tRNA-Pro gene and control region, partial sequence: mitochondrial	Eretmochelys j...	1526	1526	95%	0.0	99.88%	835	KR708174.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP122 tRNA-Pro gene and control region, partial sequence: mitochondrial	Eretmochelys j...	1520	1520	95%	0.0	99.76%	835	KR708173.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP119 tRNA-Pro gene and control region, partial sequence: mitochondrial	Eretmochelys j...	1515	1515	95%	0.0	99.64%	835	KR708170.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP124 tRNA-Pro gene and control region, partial sequence: mitochondrial	Eretmochelys j...	1515	1515	95%	0.0	99.64%	835	KR708175.1
<input checked="" type="checkbox"/> Eretmochelys imbricata clone PSM_20_212D tRNA-Pro gene and control region, partial sequence: mitocho...	Eretmochelys j...	1509	1509	93%	0.0	100.00%	817	OR961392.1
<input checked="" type="checkbox"/> Eretmochelys imbricata clone PSM_14_19C tRNA-Pro gene and control region, partial sequence: mitocho...	Eretmochelys j...	1509	1509	93%	0.0	100.00%	817	OR961393.1
<input checked="" type="checkbox"/> Eretmochelys imbricata clone PNB_20_218A tRNA-Pro gene and control region, partial sequence: mitocho...	Eretmochelys j...	1509	1509	93%	0.0	100.00%	817	OR961388.1
<input checked="" type="checkbox"/> Eretmochelys imbricata clone PNB_22_118A tRNA-Pro gene and control region, partial sequence: mitocho...	Eretmochelys j...	1509	1509	93%	0.0	100.00%	817	OR961391.1
<input checked="" type="checkbox"/> Eretmochelys imbricata clone PNB_22_116A tRNA-Pro gene and control region, partial sequence: mitocho...	Eretmochelys j...	1500	1500	93%	0.0	100.00%	817	OR961389.1

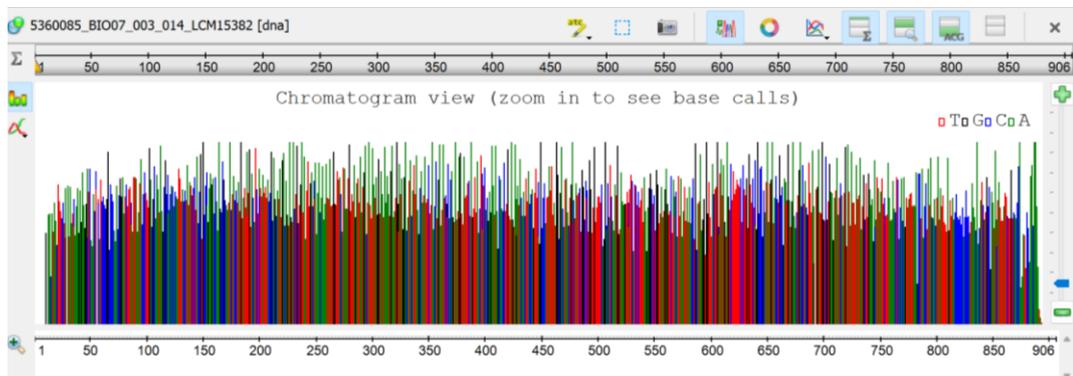
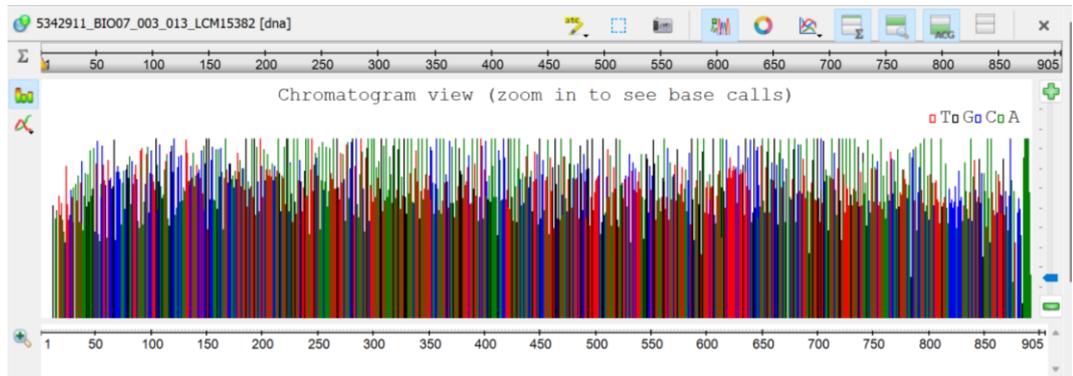
Sequences producing significant alignments		Download	Select columns	Show	100			
select all 100 sequences selected		GenBank	Graphics	Distance tree of results	MSA Viewer			
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate rEretmb1 genome assembly, organelle: mitochondrial	Eretmochelys j...	1596	1596	100%	0.0	99.66%	16779	OZ223910.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT296A-01-mtCR haplotype EiiP45 D-loop and tRNA-Pro ge...	Eretmochelys j...	1596	1596	100%	0.0	99.66%	907	PP826970.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher D-2017-254-01-mtCR haplotype EiiP08 D-loop and tRNA-Pro gene, partial...	Eretmochelys j...	1591	1591	100%	0.0	99.54%	930	PP826979.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher S8-01-mtCR haplotype EiiP163 D-loop and tRNA-Pro gene, partial seque...	Eretmochelys j...	1585	1585	100%	0.0	99.54%	892	PP826967.1
<input checked="" type="checkbox"/> Eretmochelys imbricata voucher PPP20220627HT361A-01-mtCR haplotype EiiP45 D-loop and tRNA-Pro ge...	Eretmochelys j...	1585	1585	100%	0.0	99.54%	894	PP826969.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate EiiP140 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete seque...	Eretmochelys j...	1580	1580	100%	0.0	99.43%	892	OR400415.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE03 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete se...	Eretmochelys j...	1557	1557	98%	0.0	99.65%	852	KY363929.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE13 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete se...	Eretmochelys j...	1557	1557	98%	0.0	99.65%	852	KY363932.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE08 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete se...	Eretmochelys j...	1557	1557	98%	0.0	99.65%	852	KY363930.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE15 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete se...	Eretmochelys j...	1557	1557	98%	0.0	99.65%	852	KY363933.1
<input checked="" type="checkbox"/> Eretmochelys imbricata haplotype EIUAE11 tRNA-Thr gene, partial sequence; tRNA-Pro gene, complete se...	Eretmochelys j...	1557	1557	98%	0.0	99.65%	852	KY363931.1
<input checked="" type="checkbox"/> Eretmochelys imbricata isolate 101_LCM15382_7 control region, partial sequence: mitochondrial	Eretmochelys j...	1554	1554	98%	0.0	99.53%	864	JF926548.1
<input checked="" type="checkbox"/> Eretmochelys imbricata mitochondrion, complete genome	Eretmochelys j...	1548	1548	100%	0.0	98.63%	16386	KP221806.1

Lampiran 6. Hasil sequencing sampel Aksesoris Karapas Penyu

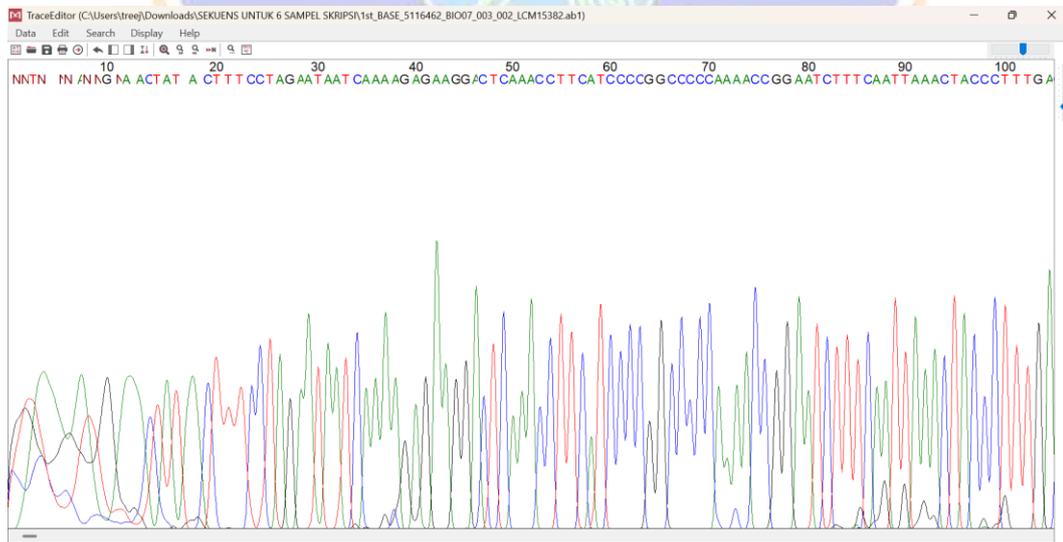
a. *Electropherogram* sampel aksesoris penyu

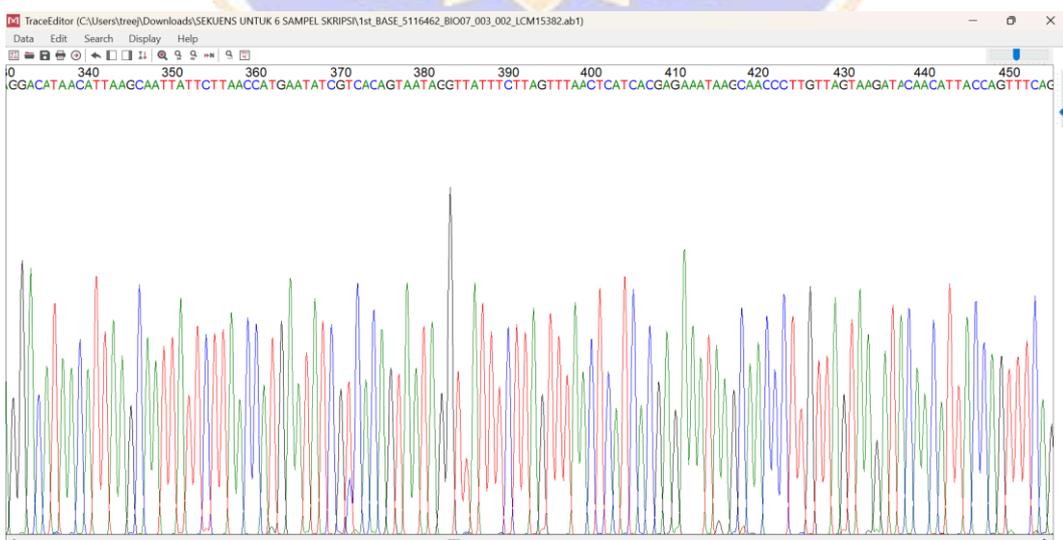
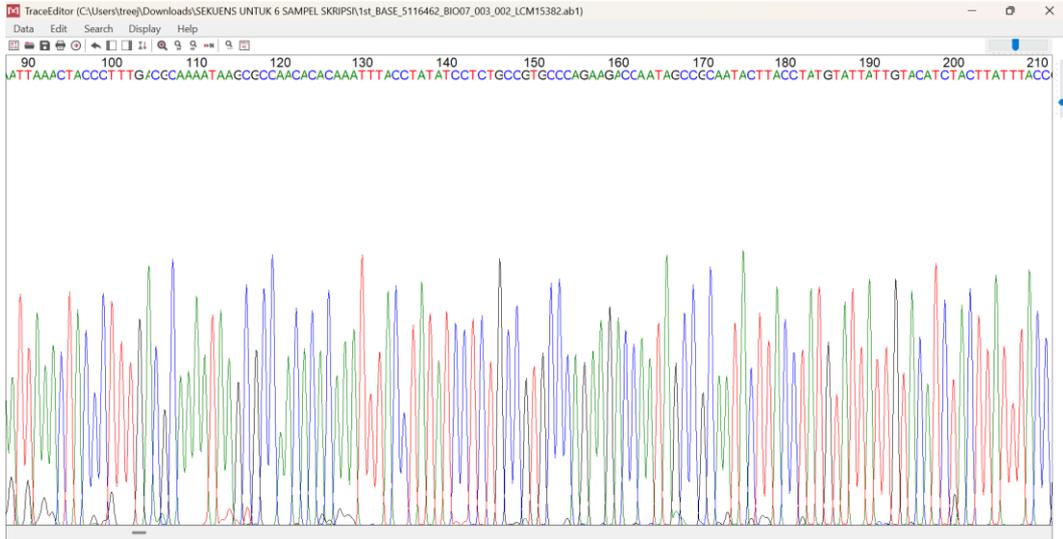


a. *Electropherogram* sampel aksesoris penyu



b. “*Peak*” atau Puncak Diagram Sekuen Aksesoris Karapas Penyu






```
Input Data File: C:\...\KARAKTER MOLEKULER.fas
Number of sequences: 6   Number of sequences used: 6
Selected region: 1-836   Number of sites: 836
Total number of sites (excluding sites with gaps / missing data): 835
```

```
Sites with alignment gaps: considered
Number of variable sites: 31
```

```
===== Haplotype Distribution =====
```

```
Number of haplotypes, h: 5
Haplotype diversity, Hd: 0,9333
```

```
Hap_1: 1 [1]
Hap_2: 2 [2,4]
Hap_3: 1 [3]
Hap_4: 1 [5]
Hap_5: 1 [6]
```

```
Hap_1: 1 [5116462]
Hap_2: 2 [5116466 5342907]
Hap_3: 1 [5163053]
Hap_4: 1 [5342911]
Hap_5: 1 [5360085]
```



RIWAYAT HIDUP



Kadek Desika Natalia lahir di Anturan pada tanggal 25 Desember 2002. Penulis merupakan anak kedua dari pasangan suami istri Bapak Gede Sunaya dan Luh Artini. Penulis berkebangsaan Indonesia dan beragama Hindu. Penulis berasal dari Desa Anturan, Kecamatan Buleleng, Kabupaten Buleleng, Provinsi Bali. Penulis menyelesaikan pendidikan Sekolah Dasar (SD) di SD Negeri 3 Anturan pada tahun 2015, kemudian melanjutkan pendidikan ke jenjang Sekolah Menengah Pertama (SMP) di SMP Negeri 2 Singaraja dan lulus pada tahun 2018. Pada tahun 2021, penulis lulus dari SMA Negeri 4 Singaraja dan melanjutkan pendidikan ke Universitas Pendidikan Ganesha dengan mengambil Program Studi S1 Biologi di Jurusan Biologi dan Perikanan Kelautan. Mulai tahun 2021 hingga penyusunan skripsi ini, penulis masih terdaftar sebagai mahasiswa Program Studi S1 Biologi di Universitas Pendidikan Ganesha.

