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LAMPIRAN

Lampiran 1. Perbedaan urutan nukleotida spesies *Argulus*

Spesies <i>Argulus</i>	Urutan nukleotida sekuen 18s rRNA																
	248	249	256	262	263	264	265	305	306	463	668	673	686	710	720	723	726
MW375606.1 <i>Argulus foliaceus</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
MW375605.1 <i>Argulus foliaceus</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
MT538302.1 <i>Argulus indicus</i>	C	T	G	C	C	T	-	T	C	C	T	C	T	C	C	G	G
MT538303.1 <i>Argulus indicus</i>	C	T	G	C	C	T	-	T	C	C	T	C	T	C	C	G	G
MT538301.1 <i>Argulus indicus</i>	C	T	G	C	C	T	-	T	C	C	T	C	T	C	C	G	G
MT538304.1 <i>Argulus indicus</i>	C	T	G	C	C	T	-	T	C	C	T	C	T	C	C	G	G
KF747861.1 <i>Argulus foliaceus</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
KF747855.1 <i>Argulus japonicus</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
MH915670.1 <i>Argulus pugettensis</i>	T	T	A	T	T	T	C	T	T	C	T	T	T	C	C	A	T
KM597747.1 <i>Argulus siamensis</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
KM016968.1 <i>Argulus bengalensis</i>	T	C	A	T	T	C	-	C	C	T	C	T	T	T	T	A	-
KF747862.1 <i>Argulus rhipidiophorus</i>	T	C	G	T	T	C	-	T	T	C	C	T	A	C	C	A	T
JQ740819.1: <i>Argulus foliaceus</i>	T	C	G	T	T	C	-	T	T	C	C	T	T	C	C	A	T
	733	734	735	740	753	756	758	772	779	798	801	808	810	811	816	817	818
MW375606.1 <i>Argulus foliaceus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	A	G	C	G
MW375605.1 <i>Argulus foliaceus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	A	G	C	G
MT538302.1 <i>Argulus indicus</i>	G	A	A	A	C	C	C	G	T	T	G	C	A	A	G	C	G
MT538303.1 <i>Argulus indicus</i>	G	A	A	A	C	C	C	G	T	T	G	C	A	A	G	C	G
MT538301.1 <i>Argulus indicus</i>	G	A	A	A	C	C	C	G	T	T	G	C	A	A	G	C	G
MT538304.1 <i>Argulus indicus</i>	G	A	A	A	C	C	C	G	T	T	G	C	A	A	G	C	G
KF747861.1 <i>Argulus foliaceus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	A	G	C	G
KF747855.1 <i>Argulus japonicus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	A	G	C	G
MH915670.1 <i>Argulus pugettensis</i>	G	T	C	-	C	C	C	G	T	T	G	C	A	A	G	C	G
KM597747.1 <i>Argulus siamensis</i>	A	T	A	-	C	T	C	G	T	T	G	.	A	A	G	C	G
KM016968.1 <i>Argulus bengalensis</i>	-	-	-	-	A	C	T	A	G	C	A	T	T	A	C	G	T
KF747862.1 <i>Argulus rhipidiophorus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	T	G	C	G
JQ740819.1: <i>Argulus foliaceus</i>	A	T	A	-	C	T	C	G	T	T	G	C	A	A	G	C	G

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	819	825	827	829	830	846	848	855	856	857	863	883	890	899	900	906	907
MW375606.1 <i>Argulus foliaceus</i>	A	A	A	T	A	A	G	G	A	C	-	-	A	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	A	A	A	T	A	A	G	G	A	C	-	-	A	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	A	G	A	T	A	A	G	G	A	C	-	-	G	-	-	-	-
MT538303.1 <i>Argulus indicus</i>	A	G	A	T	A	A	G	G	A	C	-	-	G	-	-	-	-
MT538301.1 <i>Argulus indicus</i>	A	G	A	T	A	A	G	G	A	C	-	-	G	-	-	-	-
MT538304.1 <i>Argulus indicus</i>	A	G	A	T	A	A	G	G	A	C	-	-	G	-	-	-	-
KF747861.1 <i>Argulus foliaceus</i>	A	A	A	T	A	A	G	G	A	C	G	-	A	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	A	A	A	T	A	A	G	G	A	C	G	-	A	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	A	A	A	T	A	A	A	G	A	C	-	-	A	-	-	-	-
KM597747.1 <i>Argulus siamensis</i>	A	A	A	T	A	A	G	G	A	C	-	-	A	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	G	-	C	G	T	T	G	T	G	A	-	T	A	G	T	T	T
KF747862.1 <i>Argulus rhipidiophorus</i>	A	A	A	T	A	A	G	G	A	C	-	-	A	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	A	A	A	T	A	A	G	G	A	C	-	-	A	-	-	-	-
	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538303.1 <i>Argulus indicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538301.1 <i>Argulus indicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538304.1 <i>Argulus indicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747861.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	T	G	T	C	C	C	G	C	G	A	T	G	C	T	C	T	T
KF747862.1 <i>Argulus rhipidiophorus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	934	950	993	1001	1015	1016	1038	1051	1052	1053	1054	1055	1056	1057	1058	1059	1062
MW375606.1 <i>Argulus foliaceus</i>	G	-	A	-	-	-	G	G	A	-	G	G	T	T	C	G	G
MW375605.1 <i>Argulus foliaceus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
MT538302.1 <i>Argulus indicus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
MT538303.1 <i>Argulus indicus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
MT538301.1 <i>Argulus indicus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
MT538304.1 <i>Argulus indicus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
KF747861.1 <i>Argulus foliaceus</i>	G	-	A	G	-	-	A	G	A	G	G	T	T	C	G	A	G
KF747855.1 <i>Argulus japonicus</i>	G	-	A	G	-	-	A	G	A	G	G	T	T	C	G	A	G
MH915670.1 <i>Argulus pugettensis</i>	A	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
KM597747.1 <i>Argulus siamensis</i>	G	-	A	-	-	-	A	G	A	A	G	G	T	T	C	G	A
KM016968.1 <i>Argulus bengalensis</i>	A	C	G	-	T	G	A	C	G	A	G	G	T	T	C	G	G
KF747862.1 <i>Argulus rhipidiophorus</i>	G	-	A	G	-	-	A	G	A	G	G	T	T	C	G	A	G
JQ740819.1: <i>Argulus foliaceus</i>	G	-	A	-	-	-	A	G	A	-	G	G	T	T	C	G	G
	1071	1078	1094	1095	1117	1125	1146	1151	1152	1172	1174	1199	1200	1214	1236	1237	1238
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	C	A	-	-	T	C	-	C	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
MT538303.1 <i>Argulus indicus</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
MT538301.1 <i>Argulus indicus</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
MT538304.1 <i>Argulus indicus</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
KF747861.1 <i>Argulus foliaceus</i>	-	G	-	-	-	C	G	-	-	T	C	-	C	G	-	-	-
KF747855.1 <i>Argulus japonicus</i>	-	G	-	-	-	C	G	-	-	T	C	-	C	G	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	C	G	-	-	T	C	-	C	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	C	-	G	G	G	T	G	C	G	A	T	A	C	-	A	A	T
KF747862.1 <i>Argulus rhipidiophorus</i>	-	G	-	-	-	C	G	-	-	T	C	-	C	G	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	C	G	-	-	T	C	-	-	-	-	-	-

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	1244	1263	1264	1275	1276	1310	1322	1334	1335	1359	1360	1361	1370	1371	1372	1373	1374
MW375606.1 <i>Argulus foliaceus</i>	A	-	-	-	-	G	G	-	-	T	-	-	-	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	A	-	-	-	-	G	G	-	-	T	-	-	-	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	G	-	-	-	-	G	A	-	-	T	-	-	-	-	-	-	-
MT538303.1 <i>Argulus indicus</i>	G	-	-	-	-	G	A	-	-	T	-	-	-	-	-	-	-
MT538301.1 <i>Argulus indicus</i>	A	-	-	-	-	G	G	-	-	T	-	-	-	-	-	-	-
MT538304.1 <i>Argulus indicus</i>	A	-	-	-	-	G	G	-	-	T	-	-	-	-	-	-	-
KF747861.1 <i>Argulus foliaceus</i>	A	-	-	-	-	G	G	C	G	G	C	G	C	C	G	T	C
KF747855.1 <i>Argulus japonicus</i>	A	-	-	-	-	G	G	C	G	G	C	G	C	C	G	T	C
MH915670.1 <i>Argulus pugettensis</i>	A	-	-	-	-	T	G	-	-	T	-	-	-	-	-	-	-
KM597747.1 <i>Argulus siamensis</i>	A	-	-	-	-	G	G	-	-	T	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	A	A	G	A	A	G	G	-	-	T	-	-	-	-	-	-	-
KF747862.1 <i>Argulus rhipidiophorus</i>	A	-	-	-	-	G	G	C	G	G	C	G	C	C	G	T	C
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1380	1384	1387	1388	1391	1392	1393	1397	1398	1399	1400	1401	1402	1405	1407	1409	1412
MW375606.1 <i>Argulus foliaceus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
MW375605.1 <i>Argulus foliaceus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
MT538302.1 <i>Argulus indicus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
MT538303.1 <i>Argulus indicus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
MT538301.1 <i>Argulus indicus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
MT538304.1 <i>Argulus indicus</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	A	T	G
KF747861.1 <i>Argulus foliaceus</i>	G	G	G	C	A	C	A	G	G	C	T	G	C	C	T	C	A
KF747855.1 <i>Argulus japonicus</i>	G	G	G	C	A	C	A	G	G	C	T	G	C	C	T	C	A
MH915670.1 <i>Argulus pugettensis</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	T	T	G
KM597747.1 <i>Argulus siamensis</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	T	T	G
KM016968.1 <i>Argulus bengalensis</i>	T	T	T	G	G	C	G	T	G	T	C	T	G	T	T	T	G
KF747862.1 <i>Argulus rhipidiophorus</i>	G	G	G	C	A	C	A	G	G	C	T	G	C	C	T	C	A
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	1413	1417	1421	1422	1423	1428	1429	1430	1431	1432	1433	1436	1440	1441	1442	1443	1444
MW375606.1 <i>Argulus foliaceus</i>	-	A	A	C	G	C	C	T	T	T	C	G	A	A	T	A	G
MW375605.1 <i>Argulus foliaceus</i>	-	A	A	C	G	G	C	T	T	T	C	G	A	A	T	A	G
MT538302.1 <i>Argulus indicus</i>	-	A	A	C	G	G	C	T	C	G	C	G	A	A	T	A	G
MT538303.1 <i>Argulus indicus</i>	-	A	A	C	G	G	C	T	C	G	C	G	A	A	T	A	G
MT538301.1 <i>Argulus indicus</i>	-	A	A	C	G	G	C	T	C	G	C	G	A	A	T	A	G
MT538304.1 <i>Argulus indicus</i>	-	A	A	C	G	G	C	T	T	G	C	G	A	A	T	A	G
KF747861.1 <i>Argulus foliaceus</i>	-	G	C	A	C	A	T	A	T	C	A	A	G	A	G	A	A
KF747855.1 <i>Argulus japonicus</i>	-	G	C	A	C	A	T	A	T	C	A	A	G	A	G	A	A
MH915670.1 <i>Argulus pugettensis</i>	-	A	A	C	G	G	C	T	T	T	C	G	A	A	T	A	A
KM597747.1 <i>Argulus siamensis</i>	-	A	A	C	G	G	C	T	T	T	C	G	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	T	A	A	C	G	G	C	T	A	G	C	G	A	A	T	A	A
KF747862.1 <i>Argulus rhipidiophorus</i>	-	G	C	A	C	A	T	A	.	C	A	A	G	A	G	A	A
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1445	1446	1447	1448	1449	1450	1459	1460	1461	1462	1463	1464	1471	1472	1473	1474	1478
MW375606.1 <i>Argulus foliaceus</i>	G	C	A	G	A	A	T	G	T	-	-	-	T	G	A	C	-
MW375605.1 <i>Argulus foliaceus</i>	G	C	A	G	A	A	T	G	T	-	-	-	T	G	A	C	-
MT538302.1 <i>Argulus indicus</i>	G	C	G	G	C	G	A	A	T	G	T	C	C	G	A	A	T
MT538303.1 <i>Argulus indicus</i>	G	C	G	G	C	G	A	A	T	G	T	C	C	G	A	A	T
MT538301.1 <i>Argulus indicus</i>	G	C	G	G	C	G	A	A	T	G	T	C	C	G	A	A	T
MT538304.1 <i>Argulus indicus</i>	G	C	G	G	C	G	A	A	T	G	T	C	C	G	A	A	T
KF747861.1 <i>Argulus foliaceus</i>	G	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	G	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	G	C	A	G	A	A	T	G	T	-	-	-	T	A	A	C	-
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	G	C	A	G	C	A	T	A	T	G	T	-	T	G	A	A	-
KF747862.1 <i>Argulus rhipidiophorus</i>	G	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	G	G	G	A	C	A	G	G	T	G	G	C	G	T	T	T	A
MT538303.1 <i>Argulus indicus</i>	G	G	G	A	C	A	G	G	T	G	G	C	G	T	T	T	A
MT538301.1 <i>Argulus indicus</i>	G	G	G	A	C	A	G	G	T	G	G	C	G	T	T	T	A
MT538304.1 <i>Argulus indicus</i>	G	G	G	A	C	A	G	G	T	G	G	C	G	T	T	T	A
KF747861.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	G	G	G	A	C	A	G	G	T	G	G	C	G	T	T	T	A
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	G	G	G	A	C	A	G	G	T	G	G	C	T	G	T	T	T
KF747862.1 <i>Argulus rhipidiophorus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	G	C	C	A	C	A	C	G	A	-	-	-	-	-	-	-	-
MT538303.1 <i>Argulus indicus</i>	G	C	C	A	C	A	C	G	A	-	-	-	-	-	-	-	-
MT538301.1 <i>Argulus indicus</i>	G	C	C	A	C	A	C	G	A	-	-	-	-	-	-	-	-
MT538304.1 <i>Argulus indicus</i>	G	C	C	A	C	A	C	G	A	-	-	-	-	-	-	-	-
KF747861.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	G	C	C	A	C	A	C	G	A	-	-	-	-	-	-	-	-
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	A	G	C	C	C	T	C	G	A	C	A	T	A	C	C	T	A
KF747862.1 <i>Argulus rhipidiophorus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Lampiran 1. Lanjutan

Spesies <i>Argulus</i>	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT538302.1 <i>Argulus indicus</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
MT538303.1 <i>Argulus indicus</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
MT538301.1 <i>Argulus indicus</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
MT538304.1 <i>Argulus indicus</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
KF747861.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KF747855.1 <i>Argulus japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH915670.1 <i>Argulus pugettensis</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM016968.1 <i>Argulus bengalensis</i>	G	A	T	T	G	G	G	C	A	A	T	A	A	C	A	G	G
KF747862.1 <i>Argulus rhipidiophorus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1554	1595	1596	1597	1619	1639	1640	1641	1642	1657	1661	1673	1680				
MW375606.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
MW375605.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
MT538302.1 <i>Argulus indicus</i>	-	-	-	-	-	T	C	-	-	-	C	T	-				
MT538303.1 <i>Argulus indicus</i>	-	-	-	-	-	T	C	-	-	-	C	T	-				
MT538301.1 <i>Argulus indicus</i>	-	-	-	-	-	T	C	-	-	-	C	T	-				
MT538304.1 <i>Argulus indicus</i>	-	-	-	-	-	T	C	-	-	-	C	T	-				
KF747861.1 <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
KF747855.1 <i>Argulus japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
MH915670.1 <i>Argulus pugettensis</i>	-	-	-	-	-	T	C	-	-	-	T	T	-				
KM597747.1 <i>Argulus siamensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
KM016968.1 <i>Argulus bengalensis</i>	C	G	T	G	T	A	C	G	T	C	C	C	G				
KF747862.1 <i>Argulus rhipidiophorus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				
JQ740819.1: <i>Argulus foliaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-				

Lampiran 2. Jarak evolusi antarsequence spesies *Argulus*

Spesies	1	2	3	4	5	6	7	8	9	10	11	12	13	14
MW375605.1 <i>Argulus foliaceus</i>														
MW375606.1 <i>Argulus foliaceus</i>	0,002													
KF747861.1 <i>Argulus foliaceus</i>	0,028	0,030												
JQ740819.1 <i>Argulus foliaceus</i>	0,000	0,002	0,028											
KF747855.1 <i>Argulus japonicus</i>	0,027	0,029	0,002	0,027										
MT538303.1 <i>Argulus indicus</i>	0,037	0,038	0,049	0,038	0,050									
MT538304.1 <i>Argulus indicus</i>	0,035	0,037	0,047	0,036	0,048	0,001								
MT538302.1 <i>Argulus indicus</i>	0,037	0,038	0,049	0,038	0,050	0,000	0,001							
MT538301.1 <i>Argulus indicus</i>	0,035	0,037	0,047	0,036	0,048	0,001	0,000	0,001						
KF747862.1 <i>Argulus rhipidiophorus</i>	0,029	0,030	0,004	0,029	0,002	0,051	0,050	0,051	0,050					
MH915670.1 <i>Argulus pugettensis</i>	0,012	0,013	0,039	0,011	0,038	0,031	0,030	0,031	0,030	0,039				
KM016968.1 <i>Argulus bengalensis</i>	0,046	0,047	0,061	0,043	0,060	0,134	0,132	0,134	0,132	0,062	0,119			
KM597747.1 <i>Argulus siamensis</i>	0,006	0,007	0,030	0,005	0,029	0,033	0,031	0,033	0,031	0,031	0,015	0,037		
MT274324.1 <i>Chonopeltis australis</i>	0,091	0,090	0,089	0,090	0,088	0,093	0,093	0,093	0,093	0,090	0,089	0,120	0,092	

Lampiran 3. Hasil uji biokimia isolat bakteri menggunakan *Vitek-2 Compact*

Isolat Gram negatif						Isolat Gram positif					Isolat <i>Basilus</i>				
Uji biokimia	Kode sampel					Uji biokimia	Kode sampel				Uji biokimia	Kode sampel			
	2	5	6	7	10		1	3	8	9		4			
2	APPA	-	-	+	-	-	2	AMY	-	-	-	-	1	BXYL	-
3	ADO	-	-	-	-	-	4	PIPLC	-	-	-	-	3	LysA	-
4	PyrA	+	-	+	+	-	5	dXYL	+	+	-	-	4	AspA	-
5	IARL	-	-	-	-	-	8	ADH1	+	+	-	-	5	LeuA	+
7	dCEL	-	+	-	+	+	9	BGAL	-	+	+	-	7	PheA	-
9	BGAL	+	-	-	+	-	11	AGLU	-	+	-	-	8	proA	-
10	H2S	-	-	-	-	-	13	APPA	-	-	-	-	9	BGAL	-
11	BNAG	-	-	-	-	-	14	CDEX	-	-	-	-	10	PyrA	+
12	AGLTp	-	-	-	-	-	15	AspA	-	-	-	-	11	AGAL	-
13	dGLU	+	+	+	+	+	16	BGAR	-	-	-	-	12	AlaA	+
14	GGT	+	-	-	+	-	17	AMAN	-	-	-	-	13	TyrA	-
15	OFF	+	-	-	+	-	19	PHOS	+	+	-	-	14	BNAG	-
17	BGLU	-	-	-	-	-	20	LeuA	-	-	-	-	15	APPA	+
18	dMAL	+	-	+	+	-	23	ProA	-	-	-	-	18	CDEX	-
19	dMAN	+	-	-	+	-	24	BGURr	+	-	-	-	19	dGAL	-
20	dMNE	+	+	-	+	+	25	AGAL	-	-	-	-	21	GLYG	-
21	BXYL	-	-	-	-	-	26	PyrA	+	+	+	-	22	INO	-
22	BALap	-	-	-	-	-	27	BGUR	+	-	-	+	24	MdG	-
23	ProA	-	-	-	-	-	28	AlaA	-	-	-	-	25	ELLM	-
26	LIP	-	-	-	-	-	29	Tyra	-	-	-	-	26	Mdx	-
27	PLE	-	-	-	-	-	30	dSOR	-	-	-	-	27	AMAN	-
29	TyrA	+	+	-	-	+	31	URE	+	-	-	-	29	MTE	+
31	URE	-	+	-	-	-	32	POLYB	-	+	-	-	30	GlyA	+
32	dSOR	-	-	-	-	-	37	dGAL	-	-	+	-	31	dMAN	-
33	SAC	+	-	+	+	-	38	dRIB	-	-	-	+	32	dMNE	-

Lampiran 3. Lanjutan

Uji biokimia		Kode sampel					Uji biokimia		Kode sampel				Uji biokimia		Kode sampel
		2	5	6	7	10			1	2	8	9			4
34	dTAG	-	-	-	-	-	39	ILATk	-	-	-	-	34	dMLZ	-
35	dTRE	+	-	+	+	-	42	LAC	+	+	+	+	36	NAG	+
36	CIT	+	+	-	-	+	44	NAG	-	-	-	-	37	PLE	-
37	MNT	-	+	-	-	-	45	dMAL	-	-	+	+	39	IRHA	-
39	5KG	-	-	-	-	-	46	BACI	+	+	-	-	41	BGLU	-
40	ILATk	+	+	-	+	+	47	NOVO	+	+	+	+	43	BMAN	-
41	AGLU	-	-	-	-	-	50	NC6.5	+	+	+	+	44	PHC	+
42	SUCT	+	+	-	+	+	52	dMAN	+	+	+	+	45	PVATE	+
43	NAGA	-	-	-	-	-	53	dMNE	+	-	+	-	46	AGLU	-
44	AGAL	-	-	-	-	-	54	MBdG	+	-	-	-	47	dTAG	-
45	PHOS	+	-	-	-	-	56	PUL	-	-	-	-	48	dTRE	+
46	GlyA	-	-	-	-	-	57	dRAF	-	+	-	-	50	INU	-
47	ODC	-	-	-	-	-	58	O129R	+	-	+	+	53	dGLU	+
48	LDC	-	-	-	-	-	59	SAL	+	+	-	-	54	dRIB	+
53	IHISa	-	-	-	-	-	60	SAC	+	+	+	+	56	PSCNa	-
56	CMT	+	+	+	+	+	62	dTRE	+	+	+	+	58	NaCl	-
57	BGUR	-	-	-	-	-	63	ADH2s	-	-	-	-	59	6.5%	+
58	0129R	+	-	+	+	+	64	OPTO	+	+	+	+	60	KAN	+
59	GGAA	-	-	-	-	-							61	OLD	-
61	IMLTa	-	-	-	-	-							62	ESC	-
62	ELLM	-	-	-	-	-							63	TTZ	+
64	ILATa	-	-	-	-	-							63	POLYB_R	+

