Supplementary material to:

Multiple cryptic species in the blue-spotted maskray (Myliobatoidei: Dasyatidae: *Neotrygon* spp.)

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Supplementary Tables S1, S2 and Figs. S1, S2 here appended.

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Table S1 List of blue-spotted maskray (*Neotrygon* spp.) samples arranged by species, in alphabetical order, with sampling details, voucher details, and GenBank accession numbers

Species		Locality	Date	Latitude	Longitude	Specimen collection no.	Tissue voucher *	BOLD reg. no.	Reference / source
GenBank no. (*CO1*)	GenBank no. (cyt *b*)								
N. australiae Last, White and Séret 2016									
DQ108184	-	Gulf of Carpentaria	Oct. 2008	12.4667 S	141.483 E	-	BW-A208	FOA208-04	Ward et al. 2008
GU673441	-	Western Australia	-	25.7667 S	113.70 E	-	-	-	mined from GenBank
HM902468	-	Gulf of Carpentaria	-	16.2175 S	139.01 E	-	-	-	mined from GenBank
JQ765536	-	Ningaloo Reef, WA	Aug.-Sep. 2010	22.58 S	113.65 E	-	FCP-NKNR42	GBGC11903-13	Cerutti-Pereyra et al. 2012
JQ765537	-	Ningaloo Reef, WA	Aug.-Sep. 2010	21.92 S	113.89 E	-	FCP-NKNR43	GBGC11902-13	Cerutti-Pereyra et al. 2012
JX304874	-	Timor Sea: off Rote island	Sep. 2009	-	-	-	BBSJ1 (sin1)	-	Arlyza et al. 2013a
JX304875	-	Timor Sea: off Rote island	Sep. 2009	-	-	-	BBSJ2 (sin2)	-	Arlyza et al. 2013a
KC250626	-	Tanjung Luar, Lombok	Oct. 2010	8.80 S	116.483 E	CSIRO H 7853-01	BW-A5960	FOAI053-08	Puckridge et al. 2013
KC250627	-	Gulf of Carpentaria, NW of Mornington I.	Feb. 2009	16.3027 S	138.635 E	CSIRO H 7018-01 ‡	BW-A6849	FOAI942-10	Puckridge et al. 2013
KC250632	-	Tanjung Luar, Lombok	Oct. 2010	8.80 S	116.483 E	CSIRO H 7853-02	BW-A5961	FOAI054-08	Puckridge et al. 2013
KC250635	-	Gulf of Carpentaria	Feb. 2009	12.9282 S	141.214 E	CSIRO H 7016-01 †	BW-A6850	FOAI943-10	Puckridge et al. 2013
KC250642	-	Northern GBR off Turtle Head Island	Sep. 2004	10.843 S	142.87 E	-	BW-A5649	FOAH738-08	Puckridge et al. 2013
KC250645	-	Torres Strait, W of Thursday Island	Jan. 2004	10.723 S	141.722 E	-	BW-A5650	FOAH739-08	Puckridge et al. 2013
KU498029	KU497893	Kupang, Sawu Sea	Aug. 2010	-	-	-	KNS-KUP-1-26	-	present study
KU498030	KU497894	Kupang, Sawu Sea	Aug. 2010	-	-	-	KNS-KUP-2-27	-	present study
KU498031	-	Kupang, Sawu Sea	Aug. 2010	-	-	-	KNS-KUP-4-29	-	present study
KU498018	-	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB2-1	-	present study
KU498019	KU497895	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB3-2	-	present study
KU498020	KU497896	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB4-3	-	present study
KU498021	KU497897	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB5-4	-	present study
KU498022	KU497898	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB6-5	-	present study
KU498023	-	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB7-6	-	present study
KU498024	-	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB9-2	-	present study
KU498025	-	Labuan Bajo, Flores Sea	Oct. 2010	-	-	-	KNS-LAB18-11	-	present study
-	KU497901	Rote Island, Timor Sea	Sep. 2009	-	-	-	KNS-ROT-1	-	present study
KU498026	KU497899	Tanjung Luar, Lombok	Jul. 2010	-	-	-	KNS-TAL1-74	-	present study
KU498027	-	Tanjung Luar, Lombok	Jul. 2010	-	-	-	KNS-TAL2-75	-	present study
KU498028	KU497900	Tanjung Luar, Lombok	Jul. 2010	-	-	-	KNS-TAL6-64	-	present study
KU521523	-	Tanjung Sulamo, West Timor	Aug. 2010	10°03'S	123°36'E	MZB-20863	ENTTJS2	-	present study
N. caeruleopunctata Last, White and Séret 2016									
EU398736	-	Kedonganan	Apr. 2004	8.75 S	115.17 E	-	BW-A2583	FOAE371-06	Ward et al. 2008
EU398742	-	Bali	Apr. 2004	8.75 S	115.17 E	-	BW-A2574	FOAE362-06	Ward et al. 2008
EU398743	-	Bali	Apr. 2004	8.75 S	115.17 E	CSIRO H 7852-01 ‡	BW-A2573	FOAE361-06	Ward et al. 2008
EU398744	-	Bali	Apr. 2004	8.75 S	115.17 E	CSIRO H 7852-03 †	BW-A2572	FOAE360-06	Ward et al. 2008
EU398745	-	Bali	Mar. 2005	8.75 S	115.17 E	-	BW-A2571	FOAE359-06	Ward et al. 2008
EF609342	-	Kedonganan	Aug. 2002	8.75 S	115.17 E	CSIRO H 6124-01 ‡	BW-A2580	FOAE368-06	Ward et al. 2008
JX304860	-	Kedonganan	Jan. 2008	08°44'S	115°11'E	-	NKBL (Bali1)	-	Arlyza et al. 2013a
KC250629	-	Kedonganan	Apr. 2004	8.75 S	115.17 E	-	BW-A2582	FOAE370-06	Puckridge et al. 2013
KC250630	-	Sadang, Central Java	Oct. 2008	7.03333 S	110.783 E	CSIRO H 7850-01 ‡	BW-A5731	FOAH820-08	Puckridge et al. 2013
KC250634	-	Sadang, Central Java	Oct. 2008	7.03333 S	110.783 E	-	BW-A5737	FOAH826-08	Puckridge et al. 2013
KC250637	-	Sadang, Central Java	Oct. 2008	7.03333 S	110.783 E	-	BW-A5739	FOAH828-08	Puckridge et al. 2013

KC250639	-	Sadang, Central Java	Oct. 2008	7.03333 S	110.783 E	-	BW-A5738	FOAH827-08	Puckridge et al. 2013
KU497925	KU497759	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	-	KNS-BAL-A	-	present study
KU497926	KU497760	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	-	KNS-BAL-B	-	present study
KU497927	KU497761	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	-	KNS-BAL-C	-	present study
KU497928	KU497762	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	-	KNS-BAL-D	-	present study
KU497929	KU497763	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	-	KNS-BAL-E	-	present study
KU497930	KU497764	Kedonganan, Bali	Sep. 2013	08°44'S	115°11'E	MZB-22131	KNS-BAL-S	-	present study
KU497931	KU497765	Bali Strait	Oct. 2010	-	-	-	KNS-BAS3-1	-	present study
-	KU497766	Bali Strait	Oct. 2010	-	-	-	KNS-BAS12	-	present study
-	KU497767	Bali Strait	Oct. 2010	-	-	-	KNS-BAS13	-	present study
KU497932	KU497768	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL1-43	-	present study
KU497933	KU497769	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL2-65	-	present study
KU497934	KU497770	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL3-44	-	present study
KU497935	KU497771	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL4-45	-	present study
KU497936	KU497772	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL5-46	-	present study
KU497937	KU497773	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL6-78	-	present study
KU497938	KU497774	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL9-16	-	present study
KU497939	KU497775	Pelabuhan Ratu, SW Java	Apr. 2010	06°59'S	106°32'E	-	KNS-PEL15-22	-	present study
N. orientale Last, White and Séret 2016									
EU398737	-	Java: Muara Angke market	Apr. 2004	-	-	-	BW-A2579	FOAE367-06	Ward et al. 2008
EU398738	-	Java: Muara Angke market	Apr. 2004	-	-	-	BW-A2578	FOAE366-06	Ward et al. 2008
EU398739	-	Java: Muara Angke market	Apr. 2004	-	-	-	BW-A2577	FOAE365-06	Ward et al. 2008
EU398740	-	Java: Muara Angke market	Apr. 2004	-	-	-	BW-A2576	FOAE364-06	Ward et al. 2008
EU398741	-	Java: Muara Angke market	Apr. 2004	-	-	-	BW-A2575	FOAE363-06	Ward et al. 2008
GU673709	-	Java: Muara Angke market	Apr. 2004	-	-	CSIRO H7849-01	BW-A7737	-	Last et al. 2016
JN184065	JN184065	South China Sea: Tanjung Manis	Apr. 2004	02°07'N	111°20'E	-	BO424	ANGBF2040-12	Aschliman et al. 2012
JX304829	-	Java Sea: Pulau Pabelokan	Aug. 2009	05°27'S	106°29'E	MZB-20852	PB2 (KARpb2)	-	Arlyza et al. 2013a
JX304830	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar2 (KARkar2)	-	Arlyza et al. 2013a
JX304831	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar3 (KARkar3)	-	Arlyza et al. 2013a
JX304832	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar5 (KARkar5)	-	Arlyza et al. 2013a
JX304833	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar6 (KARkar6)	-	Arlyza et al. 2013a
JX304834	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar7 (KARkar7)	-	Arlyza et al. 2013a
JX304835	-	Java Sea: Karangantu, Banten Bay	May 2009	06°01'S	106°10'E	-	kar10 (KARkar10)	-	Arlyza et al. 2013a
JX304836	-	Java Sea: Pulau Pari	Dec. 2008	05°51'S	106°37'E	MZB-20851	PR (KARpr)	-	Arlyza et al. 2013a
JX304837	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN2 (KARpn2)	-	Arlyza et al. 2013a
JX304838	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN3 (KARpn3)	-	Arlyza et al. 2013a
JX304839	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN4 (KARpn4)	-	Arlyza et al. 2013a
JX304840	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	MZB-20850	PN5 (KARpn5)	-	Arlyza et al. 2013a
JX304841	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN6 (KARpn6)	-	Arlyza et al. 2013a
JX304842	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN8 (KARpn8)	-	Arlyza et al. 2013a
JX304843	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN9 (KARpn9)	-	Arlyza et al. 2013a
JX304844	-	Java Sea: Pulau Peniki	Mar. 2009	05°46'S	106°38'E	-	PN10 (KARpn10)	-	Arlyza et al. 2013a
JX304845	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU4 (sel4)	-	Arlyza et al. 2013a
JX304847	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU6 (sel6)	-	Arlyza et al. 2013a
JX304848	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU7 (sel7)	-	Arlyza et al. 2013a
JX304849	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU8 (sel8)	-	Arlyza et al. 2013a
JX304850	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU9 (sel9)	-	Arlyza et al. 2013a
JX304851	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU10 (sel10)	-	Arlyza et al. 2013a

JX304852	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU11 (sel11)	-	Arlyza et al. 2013a
JX304853	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK5 (bat5)	-	Arlyza et al. 2013a
JX304854	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK7 (bat7)	-	Arlyza et al. 2013a
JX304855	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK8 (bat8)	-	Arlyza et al. 2013a
JX304856	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK10 (bat10)	-	Arlyza et al. 2013a
JX304857	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK20 (bat20)	-	Arlyza et al. 2013a
JX304858	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK25 (bat25)	-	Arlyza et al. 2013a
JX304859	-	Java Sea: Batang, Central Java	Jan. 2008	06°51'S	109°47'E	-	DK30 (bat30)	-	Arlyza et al. 2013a
JX304861	-	Paotere, Makassar Strait	Oct. 2009	05°03'S	119°27'E	-	SSPT2 (pao2)	-	Arlyza et al. 2013a
JX304862	-	Paotere, Makassar Strait	Oct. 2009	05°03'S	119°27'E	-	SSPT3 (pao3)	-	Arlyza et al. 2013a
JX304863	-	Sulawesi Sea: Tarakan, E Kalimantan	Oct. 2009	03°38'S	117°44'E	-	KTTR1 (tar1)	-	Arlyza et al. 2013a
JX304864	-	Sulawesi Sea: Tarakan, E Kalimantan	Oct. 2009	03°38'S	117°44'E	-	KTTR2 (tar2)	-	Arlyza et al. 2013a
JX304865	-	Sulawesi Sea: Tarakan, E Kalimantan	Oct. 2009	03°38'S	117°44'E	-	KTTR3 (tar3)	-	Arlyza et al. 2013a
JX304866	-	Sulawesi Sea: Tarakan, E Kalimantan	Oct. 2009	03°38'S	117°44'E	-	KTTR5 (tar5)	-	Arlyza et al. 2013a
JX304867	-	Sulawesi Sea: Tarakan, E Kalimantan	Oct. 2009	03°38'S	117°44'E	-	KTTR6 (tar6)	-	Arlyza et al. 2013a
JX304869	-	Tonra, Bone Bay	Sep. 2009	04°44'S	120°19'E	-	BBTN2 (ton2)	-	Arlyza et al. 2013a
JX304870	-	Tonra, Bone Bay	Sep. 2009	04°44'S	120°19'E	-	BBTN4 (ton4)	-	Arlyza et al. 2013a
JX304871	-	Tonra, Bone Bay	Sep. 2009	04°44'S	120°19'E	-	BBTN5 (ton5)	-	Arlyza et al. 2013a
JX304872	-	Tonra, Bone Bay	Sep. 2009	04°44'S	120°19'E	-	BBTN6 (ton6)	-	Arlyza et al. 2013a
JX304873	-	Tonra, Bone Bay	Sep. 2009	04°44'S	120°19'E	-	BBTN29 (ton29)	-	Arlyza et al. 2013a
JX304876	KU497815	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan1 (cag1)	-	Arlyza et al. 2013a
JX304877	KU497816	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan2 (cag2)	-	Arlyza et al. 2013a
JX304878	KU497817	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan3 (cag3)	-	Arlyza et al. 2013a
JX304879	KU497818	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan4 (cag4)	-	Arlyza et al. 2013a
JX304880	KU497819	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan5 (cag5)	-	Arlyza et al. 2013a
JX304881	KU497820	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan6 (cag6)	-	Arlyza et al. 2013a
JX304882	KU497821	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan7 (cag7)	-	Arlyza et al. 2013a
JX304883	KU497822	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan8 (cag8)	-	Arlyza et al. 2013a
JX304884	KU497823	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan9 (cag9)	-	Arlyza et al. 2013a
JX304885	KU497824	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan10 (cag10)	-	Arlyza et al. 2013a
JX304886	KU497825	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan11 (cag11)	-	Arlyza et al. 2013a
JX304887	KU497826	Cagayan, Luzon, Philippines	Feb. 2012	18°17'N	121°53'E	-	Cagayan12 (cag12)	-	Arlyza et al. 2013a
JX304888	KU497827	Lapu-Lapu, Cebu Strait, Philippines	May 2011	10°17'N	124°00'E	-	HK1 (lap1)	-	Arlyza et al. 2013a
JX304889	KU497828	Lapu-Lapu, Cebu Strait, Philippines	May 2011	10°17'N	124°00'E	-	HK2 (lap2)	-	Arlyza et al. 2013a
JX304890	KU497829	Lapu-Lapu, Cebu Strait, Philippines	May 2011	10°17'N	124°00'E	-	HK3 (lap3)	-	Arlyza et al. 2013a
JX304891	KU497830	Lapu-Lapu, Cebu Strait, Philippines	May 2011	10°17'N	124°00'E	-	HK4 (lap4)	-	Arlyza et al. 2013a
KC249903	-	Tanjung Manis, Sarawak	Apr. 2004	02°07'N	111°19'E	-	BO423	GBGC11472-13	Puckridge et al. 2013
KC249904	-	Tanjung Manis, Sarawak	Apr. 2004	02°07'N	111°19'E	-	BO424	GBGC11471-13	Puckridge et al. 2013
KC249905	-	Mukah, Sarawak	Apr. 2004	02°54'N	112°06'E	-	BO473	GBGC11470-13	Puckridge et al. 2013
KM073024	-	Sandakan, Sulu Sea	Mar. 2013	-	-	-	NKUH2	ANGBF12768-15	Lim et al. 2015
KM073025	-	Sandakan, Sulu Sea	Mar. 2013	-	-	-	NKUH3	ANGBF12769-15	Lim et al. 2015
KP856772	-	Indonesia	-	-	-	-	A450a	-	mined from GenBank
KP856773	-	Indonesia	-	-	-	-	A450b	-	mined from GenBank
KR019777	KR019777	Cebu	May 2011	-	-	-	330	-	Shen et al. 2016
KU497961	KU497831	Bali Strait	Oct. 2010	-	-	-	KNS-BAS1-87	-	present study
KU497962	KU497832	Bali Strait	Oct. 2010	-	-	-	KNS-BAS2-77	-	present study
KU497963	KU497833	Bali Strait	Oct. 2010	-	-	-	KNS-BAS4-2	-	present study
KU497964	KU497834	Bali Strait	Oct. 2010	-	-	-	KNS-BAS5-3	-	present study
KU497965	-	Bali Strait	Oct. 2010	-	-	-	KNS-BAS6-4	-	present study

-	KU497835	Bali Strait	Oct. 2010	-	-		KNS-BAS10	-	present study
-	KU497836	Bali Strait	Oct. 2010	-	-		KNS-BAS11	-	present study
KU497966	KU497837	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT1-14	-	present study
KU497967	KU497838	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT2-15	-	present study
KU497968	KU497839	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT3-16	-	present study
KU497969	-	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT4-17	-	present study
KU497970	KU497840	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT5-18	-	present study
KU497971	KU497841	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT6-19	-	present study
KU497972	KU497842	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT7-5	-	present study
KU497973	-	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT8-6	-	present study
KU497974	KU497843	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT9-7	-	present study
KU497975	KU497844	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT10-8	-	present study
KU497976	KU497845	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT11-9	-	present study
KU497977	KU497846	Bitung, Molucca Sea	Oct. 2010	-	-	-	KNS-BIT12-10	-	present study
-	KU497847	Lapu-Lapu, Cebu Strait, Philippines	Nov. 2011	10°17'N	124°00'E	-	KNS-HK5	-	present study
-	KU497848	Lapu-Lapu, Cebu Strait, Philippines	Nov. 2011	10°17'N	124°00'E	-	KNS-HK6	-	present study
-	KU497849	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN1	-	present study
KU497978	KU497850	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN2-81	-	present study
KU497979	KU497851	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN3-69	-	present study
KU497980	-	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN4-51	-	present study
KU497981	KU497852	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN5-70	-	present study
KU497982	KU497853	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN6-82	-	present study
-	KU497854	Kendari, Banda Sea	Oct. 2010	-	-	-	KNS-KEN7-83	-	present study
KU497983	KU497855	Makassar region	Oct. 2009	-	-	-	KNS-MAK1-20	-	present study
KU497984	KU497856	Makassar region	Oct. 2009	-	-	-	KNS-MAK2-21	-	present study
KU497985	-	Makassar region	Oct. 2009	-	-	-	KNS-MAK4-23	-	present study
KU497986	-	Makassar region	Oct. 2009	-	-	-	KNS-MAK5-24	-	present study
KU497987	KU497857	Makassar region	Oct. 2009	-	-	-	KNS-MAK6-25	-	present study
KU497988	KU497858	Poso, Tomini Bay	Jan. 2011	-	-	-	KNS-POS1-61	-	present study
KU497989	KU497859	Poso, Tomini Bay	Jan. 2011	-	-	-	KNS-POS2-49	-	present study
KU497990	KU497860	Poso, Tomini Bay	Jan. 2011	-	-	-	KNS-POS4-50	-	present study
KU497991	KU497861	Riau archipelago	Dec. 2009	-	-	-	KNS-RIA1-30	-	present study
KU497992	KU497862	Riau archipelago	Dec. 2009	-	-	-	KNS-RIA2-31	-	present study
KU497993	KU497863	Riau archipelago	Dec. 2009	-	-	-	KNS-RIA3-32	-	present study
KU497994	-	Riau archipelago	Dec. 2009	-	-	-	KNS-RIA4-34	-	present study
KU497995	KU497864	Tanjung Luar, Lombok	Jul. 2010	-	-	-	KNS-TAL4-76	-	present study
-	KU497865	Tanjung Luar, Lombok	Jul. 2010	-	-	-	KNS-TAL5-63	-	present study
KU497996	KU497866	western Java Sea	Jan. 2008	-	-	-	KNS-WJS1-22	-	present study
KU497997	-	western Java Sea	Jan. 2008	-	-	-	KNS-WJS2-23	-	present study
KU497998	KU497867	western Java Sea	Jan. 2008	-	-	-	KNS-WJS4-25	-	present study
KU497999	KU497868	western Java Sea	Jan. 2008	-	-	-	KNS-WJS1-88	-	present study
KU498000	KU497869	western Java Sea	Jan. 2008	-	-	-	KNS-WJS2-93	-	present study
KU498001	KU497870	western Java Sea	Jan. 2008	-	-	-	KNS-WJS3-89	-	present study
KU498002	KU497871	western Java Sea	Jan. 2008	-	-	-	KNS-WJS4-90	-	present study
KU498003	KU497872	western Java Sea	Jan. 2008	-	-	-	KNS-WJS5-91	-	present study
KU498004	KU497873	western Java Sea	Jan. 2008	-	-	-	KNS-WJS6-92	-	present study
KU498005	KU497874	western Java Sea	Jan. 2008	-	-	-	KNS-WJS1-7	-	present study
KU498006	KU497875	western Java Sea	Jan. 2008	-	-	-	KNS-WJS2-8	-	present study
KU498007	KU497876	western Java Sea	Jan. 2008	-	-	-	KNSWJS3-9	-	present study

KU498008	KU497877	western Java Sea	Jan. 2008	-	-	-	KNS-WJS4-10	-	present study
KU498009	KU497878	western Java Sea	Jan. 2008	-	-	-	KNS-WJS5-11	-	present study
KU498010	KU497879	western Java Sea	Jan. 2008	-	-	-	KNS-WJS6-12	-	present study
KU498011	KU497880	western Java Sea	Jan. 2008	-	-	-	KNS-WJS7-13	-	present study
-	KU497881	western Java Sea	Jan. 2008	-	-	-	KNS-WJS1	-	present study
KU498012	KU497882	western Java Sea	Jan. 2008	-	-	-	KNS-WJS3-35	-	present study
-	KU497883	western Java Sea	Jan. 2008	-	-	-	KNS-WJS4-36	-	present study
KU498013	KU497884	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS1-26	-	present study
KU498014	KU497885	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS2-27	-	present study
KU498015	KU497886	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS3-28	-	present study
KU498016	KU497887	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS4-29	-	present study
KU498017	KU497888	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS5-30	-	present study
-	KU497889	western Sulawesi Sea	Oct. 2009	-	-	-	KNS-WSS6-31	-	present study
N. trigonoides (Castelnau, 1873)									
GU673434	-	New Caledonia, Magenta Beach	-	-	-	-	BW-A6217	-	Puckridge et al. 2013
HM902465	-	Australia, NSW, off Yamba	-	-	-	-	BW-A7791	-	Puckridge et al. 2013
HM902466	-	Australia, NSW	-	-	-	-	BW-A7792	-	Puckridge et al. 2013
HM902467	-	Australia, NSW	-	-	-	-	BW-A7793	-	Puckridge et al. 2013
HM902478	-	Australia, QLD, Gladstone	-	-	-	-	BW-A7808	-	Puckridge et al. 2013
HM902479	-	Australia, QLD, Gladstone	-	-	-	-	BW-A7809	-	Puckridge et al. 2013
HM902480	-	Australia, QLD, Gladstone	-	-	-	-	BW-A7810	-	Puckridge et al. 2013
HM902482	-	Australia, QLD, Moreton Bay	-	-	-	-	BW-A7813	-	Puckridge et al. 2013
HM902483	-	Australia, QLD, Moreton Bay	-	-	-	-	BW-A7814	-	Puckridge et al. 2013
HM902484	-	Australia, QLD, Moreton Bay	-	-	-	-	BW-A7815	-	Puckridge et al. 2013
HM902485	-	Australia, QLD, Moreton Bay	-	-	-	-	BW-A7816	-	Puckridge et al. 2013
JQ765533	-	Great Barrier Reef	Dec. 2008	14.69 S	145.45 E	-	FCP-NKGBR39	GBGC11906-13	Cerrutti-Pereyra et al. 2012
JQ765534	-	Great Barrier Reef	Dec. 2008	14.69 S	145.45 E	-	FCP-NKGBR40	GBGC11905-13	Cerrutti-Pereyra et al. 2012
JQ765535	-	Lizard Island	Dec. 2008	-	-	-	FCP-NKNR41	GBGC11904-13	Cerrutti-Pereyra et al. 2012
JX263420	KC493691	New Caledonia, St Vincent Bay	Mar. 2009	21°57'S	166°02'E	MNHN 2009-0823	Dkuh 20090307, NC2	-	Borsa et al. 2013a
JX304916	KU497902	New Caledonia, St Vincent Bay	Aug. 2008	21°56'S	165°55'E	CSIRO uncat.	Dkuh 20080816, NC1	-	Borsa et al. 2013a
JX304917	KU497903	New Caledonia, St Vincent Bay	Aug. 2009	21°57'S	166°02'E	IRDN20090816	Dkuh 20090816, NC3	-	Borsa et al. 2013a
KC250643	-	Australia, QLD, Lizard Island	Sep. 2008	-	-	-	UGA008	LIFS993-08	Puckridge et al. 2013
KU498032	KU497904	New Caledonia, St Vincent Bay	Aug. 2009	21°57'S	166°02'E	-	KNS-NC4-84	-	present study
KU498033	KU497905	New Caledonia, St Vincent Bay	Aug. 2009	21°57'S	166°02'E	-	KNS-NC5-67	-	present study
KU498034	KU497906	New Caledonia, St Vincent Bay	Aug. 2009	21°57'S	166°02'E	-	KNS-NC6-68	-	present study
N. varidens (Garman 1885)									
EU398733	-	PengHu	May 2005	~23°37'N	~119°36'E	-	BW-A2586	FOAE374-06	Ward et al. 2008
EU398734	-	PengHu	May 2005	~23°37'N	~119°36'E	-	BW-A2585	FOAE373-06	Ward et al. 2008
EU398735	-	PengHu	May 2005	~23°37'N	~119°36'E	-	BW-A2584	FOAE372-06	Ward et al. 2008
-	EU870496	Taiwan	June 2006	-	-	-	-	-	Su et al. 2011
JQ681494	-	Beibu Gulf, South China Sea	Feb.-Jul. 2011	19°52'N	108°14'E	-	FBBGC040-11 (bei)	GBGC11848-13	Wang et al. 2012
JQ765561	-	Haiphong, Vietnam	Sep. 2010	20°46'N	106°52'E	-	FCP-NKVN74	GBGC11878-13	Cerutti-Pereyra et al. 2012
JQ765562	-	Haiphong, Vietnam	Sep. 2010	20°46'N	106°52'E	-	FCP-NKVN75	GBGC11877-13	Cerutti-Pereyra et al. 2012
JX263422	KU497890	Taiwan	Oct. 2010	-	-	-	wjc629	GBGC12835-13	Arlyza et al. 2013b
JX304846	-	Karimata Strait: Selakau, Pontianak	Aug. 2009	01°09'N	109°01'E	-	KBSU5 (sel5)	-	Arlyza et al. 2013a
JX304868	-	western coast of Taiwan	Oct. 2010	-	-	-	wjc627 (Taiwan)	-	Arlyza et al. 2013a
KC249902	-	Sarawak	Apr. 2004	02°49'N	02°49'N	-	BO409	GBGC11473-13	Puckridge et al. 2013
KC250640	-	Penghu Xian, Penghu Islands	May 2005	-	-	-	BW-A2587	FOAE375-06	Puckridge et al. 2013
KC992792 [a]	KC992792 [a]	South China Sea?	-	-	-	-	-	-	Chen et al. 2014

KM073023	-	Kuala Selangor, Malaysia	Oct. 2012	-	-	-	NKUH1	ANGBF12767-15	Lim et al. 2015
NA	-	Taiwan	Apr. 2013	23.96194	120.29436	ASIZP0073535	AS1-C-1-12-33	-	CryoBank
NA	-	Taiwan	July 2013	23.97167	120.2934	ASIZP0806153	AS1-C-1-13-22	-	CryoBank
NA	-	Taiwan	July 2013	23.97167	120.2934	ASIZP0806154	AS1-C-1-13-23	-	CryoBank
-	KU497891	western coast of Taiwan	Oct. 2010	-	-	-	wjc625	-	present study
-	KU497892	western coast of Taiwan	Oct. 2010	-	-	-	wjc628	-	present study
clade *I*									
HM467799	-	Chennai, India	-	-	-	-	NBFGR:CHN 156	GBGC10627-13	mined from GenBank
JX263421	KU497907	Pemba Island, Tanzania	May 2010	06°09'S	39°10'E	-	ZANZ 1	GBGC12836-13	Arlyza et al. 2013b
JX978329 [b]	-	Vizakhapatnam, India	-	17.6833	83.2833	-	VIZ-DK1	GBGC11459-13	mined from GenBank
KC249906	-	Tanga, Tanzania	-	-	-	-	80611	GBGC11469-13	Puckridge et al. 2013
KC295416 [c]	-	Pemba Island, Tanzania	May 2010	06°09'S	39°10'E	-	-	GBGC12789-13	Borsa et al. 2013a
KF899609	-	Chennai, India	-	-	-	-	NBFGR:CHN:R24	ANGBF11513-15	mined from GenBank
KF899610	-	Chennai, India	-	-	-	-	NBFGR:CHN:R25	ANGBF11512-15	mined from GenBank
KF899611	-	Chennai, India	-	-	-	-	NBFGR:CHN:R165	ANGBF11511-15	mined from GenBank
KF899612	-	Chennai, India	-	-	-	-	NBFGR:CHN:NK13	ANGBF11510-15	mined from GenBank
KF899613	-	Chennai, India	-	-	-	-	NBFGR:CHN:199	ANGBF11509-15	mined from GenBank
KR003770	-	Tamil Nadu, India	-	-	-	-	-	-	mined from GenBank
KU498035	KU497908	Tanzania	May 2010	-	-	-	KNS-TZN1-52	-	present study
KU498036	KU497909	Pemba Island, Tanzania	May 2010	06°09'S	39°10'E	-	KNS-ZAN3-86	-	present study
KU498037	KU497910	Pemba Island, Tanzania	May 2010	06°09'S	39°10'E	-	KNS-ZAN4-71	-	present study
KU498038	KU497911	Pemba Island, Tanzania	May 2010	06°09'S	39°10'E	-	KNS-ZAN5-80	-	present study
clade *II*									
JX304798	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA15 (bre15)	-	Arlyza et al. 2013a
JX304799	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA16 (bre16)	-	Arlyza et al. 2013a
JX304800	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA18 (bre18)	-	Arlyza et al. 2013a
JX304801	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA19 (bre19)	-	Arlyza et al. 2013a
JX304802	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA20 (bre20)	-	Arlyza et al. 2013a
JX304803	-	Andaman Sea: Pulau Breueh, Aceh	Apr. 2009	05°53'N	95°02'E	-	BA22 (bre22)	-	Arlyza et al. 2013a
JX304804	-	NE Indian Ocean: Meulaboh, Aceh	Apr. 2009	04°07'N	96°08'E	-	ME2 (meu2)	-	Arlyza et al. 2013a
JX304805	-	NE Indian Ocean: Meulaboh, Aceh	Apr. 2009	04°07'N	96°08'E	MZB-20843	ME3 (meu3)	-	Arlyza et al. 2013a
JX304806	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS18 (sib18)	-	Arlyza et al. 2013a
JX304807	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS19 (sib19)	-	Arlyza et al. 2013a
JX304808	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS20 (sib20)	-	Arlyza et al. 2013a
JX304809	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS22 (sib22)	-	Arlyza et al. 2013a
JX304810	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS23 (sib23)	-	Arlyza et al. 2013a
JX304811	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS24 (sib24)	-	Arlyza et al. 2013a
JX304812	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS25 (sib25)	-	Arlyza et al. 2013a
JX304813	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS26 (sib26)	-	Arlyza et al. 2013a
JX304814	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS28 (sib28)	-	Arlyza et al. 2013a
JX304815	-	NE Indian Ocean: Sibolga, NW Sumatra	Mar. 2009	01°45'N	98°46'E	-	WIOS30 (sib30)	-	Arlyza et al. 2013a
JX304828	-	Padang, Western Sumatra	Aug 2009	00°56'S	100°21'E	MZB-20845	WIOPD1 (pad1)	-	Arlyza et al. 2013a
-	KU497752	Aceh	Apr. 2009	-	-	-	KNS-ACE-M	-	present study
KU497912	KU497753	Banda Aceh, Andaman Sea	Dec. 2013	-	-	-	KNS-ACE1-12	-	present study
KU497913	-	Banda Aceh, Andaman Sea	Dec. 2013	-	-	-	KNS-ACE2-13	-	present study
KU497914	-	Banda Aceh, Andaman Sea	Dec. 2013	-	-	-	KNS-ACE3-14	-	present study
-	KU497754	Banda Aceh, Andaman Sea	Dec. 2013	-	-	-	KNS-ACE4-15	-	present study
KU497915	-	Banda Aceh, Andaman Sea	Apr. 2009	-	-	-	KNS-ACE12-60	-	present study
KU497916	-	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD1-16	-	present study

KU497917	KU497755	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD2-17	-	present study
KU497918	KU497756	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD3-18	-	present study
KU497919	KU497757	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD4-19	-	present study
KU497920	KU497758	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD6-21	-	present study
KU497921	-	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD9-48	-	present study
KU497922	-	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD10-49	-	present study
KU497923	-	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD12-50	-	present study
KU497924	-	Padang, Western Sumatra	Aug. 2009	-	-	-	KNS-PAD14-52	-	present study
clade *III*									
GU673423	-	Thailand, Andaman Coast	-	-	-	-	BW-A6226	FOAI319-09	Puckridge et al. 2013
GU673425	-	Thailand, Andaman Coast	-	-	-	-	BW-A6225	FOAI318-09	Puckridge et al. 2013
GU673426	-	Thailand, Andaman Coast	-	-	-	-	BW-A6224	FOAI317-09	Puckridge et al. 2013
GU673427	-	Thailand, Andaman Coast	-	-	-	-	BW-A6222	FOAI315-09	Puckridge et al. 2013
GU673428	-	Thailand, Andaman Coast	-	-	-	-	BW-A6223	FOAI316-09	Puckridge et al. 2013
JX304816	-	Kuala Lama, Malacca Strait	Dec. 2008-Mar. 2009	03°26'N	99°16'E	-	MSKL1 (PAGmskl1)	-	Arlyza et al. 2013a
JX304817	-	Kuala Lama, Malacca Strait	Dec. 2008-Mar. 2009	03°26'N	99°16'E	-	MSKL2 (PAGmskl2)	-	Arlyza et al. 2013a
JX304818	-	Kuala Lama, Malacca Strait	Dec. 2008-Mar. 2009	03°26'N	99°16'E	MZB-20847	MSKL3 (PAGmskl3)	-	Arlyza et al. 2013a
JX304819	-	Kuala Lama, Malacca Strait	Dec. 2008-Mar. 2009	03°26'N	99°16'E	-	MSKL30 (PAGmskl30)	-	Arlyza et al. 2013a
JX304820	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG9 (PAGpag9)	-	Arlyza et al. 2013a
JX304821	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG10 (PAGpag10)	-	Arlyza et al. 2013a
JX304822	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG11 (PAGpag11)	-	Arlyza et al. 2013a
JX304823	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG12 (PAGpag12)	-	Arlyza et al. 2013a
JX304824	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG17 (PAGpag17)	-	Arlyza et al. 2013a
JX304825	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG18 (PAGpag18)	-	Arlyza et al. 2013a
JX304826	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG19 (PAGpag19)	-	Arlyza et al. 2013a
JX304827	-	Pagurawan, Malacca Strait	Mar. 2009	03°39'N	98°59'E	-	PAG21 (PAGpag21)	-	Arlyza et al. 2013a
-	KU497786	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL1-31	-	present study
KU497946	KU497787	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL2-32	-	present study
KU497947	KU497788	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL3-33	-	present study
KU497948	KU497789	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL4-34	-	present study
KU497949	KU497790	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL5-35	-	present study
KU497950	KU497791	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL6-36	-	present study
KU497951	KU497792	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL7-37	-	present study
-	KU497793	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL10	-	present study
-	KU497794	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL11	-	present study
-	KU497795	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL12	-	present study
-	KU497796	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL14	-	present study
-	KU497797	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL16	-	present study
-	KU497798	Malacca Strait	Dec. 2008-Mar. 2009	-	-	-	KNS-MAL17	-	present study
clade *VII*									
JX304892	KU497799	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	MZB-20864	AM1 (amb1)	-	Arlyza et al. 2013a
JX304893	KU497800	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	-	AM2 (amb2)	-	Arlyza et al. 2013a
JX304894	KU497801	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	-	AM3 (amb3)	-	Arlyza et al. 2013a
JX304895	KU497802	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	-	AM4 (amb4)	-	Arlyza et al. 2013a
JX304896	KU497803	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	-	AM5 (amb5)	-	Arlyza et al. 2013a
JX304897	KU497804	Ambon	Oct.-Dec. 2008	03°40'S	128°11'E	-	AM6 (amb6)	-	Arlyza et al. 2013a
JX304898	-	Tual	Mar.- May 2009	05°38'S	132°44'E	MZB-20866	ARA1 (ara1)	-	Arlyza et al. 2013a
JX304899	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA23 (ara23)	-	Arlyza et al. 2013a
JX304900	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA24 (ara24)	-	Arlyza et al. 2013a

JX304901	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA25 (ara25)	-	Arlyza et al. 2013a
JX304902	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA27 (ara27)	-	Arlyza et al. 2013a
JX304903	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA29 (ara29)	-	Arlyza et al. 2013a
JX304904	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA30 (ara30)	-	Arlyza et al. 2013a
JX304905	-	Tual	Mar.- May 2009	05°38'S	132°44'E	-	ARA31 (ara31)	-	Arlyza et al. 2013a
KU497952	KU497805	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI2-53	-	present study
KU497953	KU497806	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI3-72	-	present study
KU497954	KU497807	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI4-54	-	present study
KU497955	KU497808	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI5-55	-	present study
KU497956	KU497809	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI6-56	-	present study
KU497957	KU497810	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI7-73	-	present study
-	KU497811	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI8-34	-	present study
-	KU497812	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI10-36	-	present study
KU497958	KU497813	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI12-38	-	present study
KU497959	-	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI13-39	-	present study
KU497960	-	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI15-41	-	present study
-	KU497814	Kei Islands	Mar.- May 2009	-	-	-	KNS-KEI18-44	-	present study
clade *VIII*									
JX304906	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK1 (bia1)	-	Arlyza et al. 2013a
JX304907	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK2 (bia2)	-	Arlyza et al. 2013a
JX304908	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK4 (bia4)	-	Arlyza et al. 2013a
JX304909	-	Biak, West Papua	May 2009	00°58'S	136°16'E	MZB-20867	BK5 (bia5)	-	Arlyza et al. 2013a
JX304910	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK6 (bia6)	-	Arlyza et al. 2013a
JX304911	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK7 (bia7)	-	Arlyza et al. 2013a
JX304912	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK8 (bia8)	-	Arlyza et al. 2013a
JX304913	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK9 (bia9)	-	Arlyza et al. 2013a
JX304914	-	Biak, West Papua	May 2009	00°58'S	136°16'E	-	BK23 (bia23)	-	Arlyza et al. 2013a
JX304915	-	Pulau Numfor, West Papua	May 2009	01°09'S	134°55'E	-	BK24 (bia24)	-	Arlyza et al. 2013a
-	KU497776	Biak, West Papua	May 2009	-	-	-	KNS-BIA1-37	-	present study
KU497940	KU497777	Biak, West Papua	May 2009	-	-	-	KNS-BIA2-38	-	present study
KU497941	KU497778	Biak, West Papua	May 2009	-	-	-	KNS-BIA3-39	-	present study
KU497942	KU497779	Biak, West Papua	May 2009	-	-	-	KNS-BIA4-40	-	present study
KU497943	KU497780	Pulau Numfor, West Papua	May 2009	-	-	-	KNS-BIA5-41	-	present study
KU497944	KU497781	Biak, West Papua	May 2009	-	-	-	KNS-BIA6-42	-	present study
KU497945	KU497782	Biak, West Papua	May 2009	-	-	-	KNS-BIA7-66	-	present study
-	KU497783	Biak, West Papua	May 2009	-	-	-	KNS-BIA9	-	present study
-	KU497784	Biak, West Papua	May 2009	-	-	-	KNS-BIA10	-	present study
-	KU497785	Biak, West Papua	May 2009	-	-	-	KNS-BIA13	-	present study
Guadalcanal blue-spotted maskray									
-	-	Honiara, Guadalcanal Island	May 2015	-	-	CSIRO H7723-01	-	-	Last et al. 2016
Ryukyu blue-spotted maskray									
AB485685	-	Ishigaki-shima, Ryukyu archipelago	Nov. 2004	-	-	NSMT: P-91858	-	GBGC10609-13	Yagishita et al. 2009

[a] sequence no. KC992792 (BOLD GBGC12667-13) synonymous with NC_021767

[b] *N. kuhlii* specimens VIZ-DK1 (GenBank JX978329; BOLD GBGC11459-13) and VIZNK-01 (BOLD INELA012-12) have identical sequences and apparently belong to the same individual

[c] *N. kuhlii* sequence with GenBank accession no. KC295416 is identical to that with no. JX263421 and represents the same individual

* in brackets: sample abbreviation in Arlyza et al. 2013a

† holotype

‡ paratype

Table S2

Blue-spotted maskray, *Neotrygon* spp. Alignment of partial *CO1* + cytochrome *b* gene sequences. The concatenated fragment is 1864 bp long. The *CO1* gene sub-fragment spans the first 722 nucleotides of the alignment (nucleotides 5517–6238 of the mitochondrial genome of *N. varidens* (GenBank NC_021767). The cytochrome *b* gene sub-fragment starts at nucleotide site 727 and spans nucleotide sites 14434-15577 of GenBank NC_021767. There are 133 sequences in total, arranged by species or lineage

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                                 ....|....| ....|....| ....|....|
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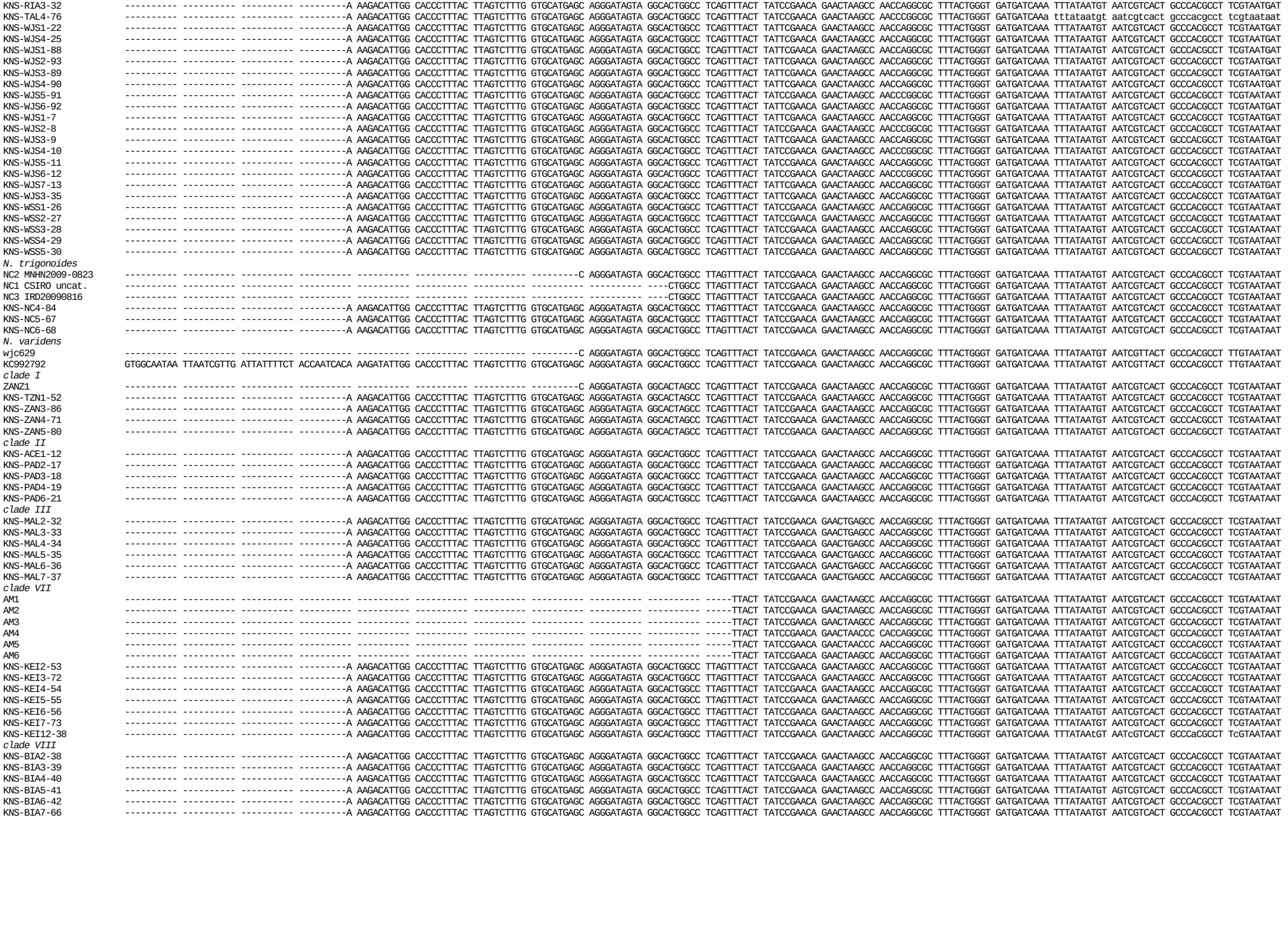

Table S2
(continued)

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                 ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....|
                     205        215        225        235        245        255        265        275        285        295        305        315        325        335        345        355        365        375        385        395
N. australiae
KNS-KUP1-26      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-KUP2-27      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-LAB3-2       CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-LAB4-3       CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-LAB5-4       CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-LAB6-5       CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-TAL1-74      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-TAL6-64      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC CCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
N. caeruleopunctata
KNS-BAL-A        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAL-B        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAL-C        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAL-D        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG GACAGTTTAT CCCCCATTAG
KNS-BAL-E        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAL-S        CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAS3-1       CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL1-43      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTAC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL2-65      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTAC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL3-44      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL4-45      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL5-46      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTAC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL6-78      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTAC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL9-16      CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTAC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PEL15-22     CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
N. orientale
JN184065         CTTCTTTATA GTAATGCCAA TTATAATCGG TGGATTTGGT AATTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag1             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag2             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag3             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag4             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag5             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag6             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag7             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag8             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag9             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag10            CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag11            CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
cag12            CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
lap1             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GGACAGGTTG AACAGTTTAT CCCCCATTAG
lap2             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGctG GAACAGGTTG AACAGTTTAT CCCCCATTAG
lap3             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
lap4             CTTCTTTATA GTAATGCCAA CGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GGACAGGTTG AACAGTTTAT CCCCCATTAG
KR019777         CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTAAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAS1-87      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAS2-77      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAS4-2       CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BAS5-3       CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT1-14      TTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT2-15      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT3-16      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT5-18      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT6-19      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT7-5       CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT9-7       CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT10-8      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT11-9      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIT12-10     CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-KEN2-81      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-KEN3-69      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-KEN5-70      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-KEN7-83      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-MAK1-20      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-MAK2-21      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-MAK6-25      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTCGGT AACTGACTAG TGCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-POS1-61      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTCGGT AACTGACTAG TTCCCCTGAT AATTGGGGCC CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-POS2-49      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TTCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-POSO4-50     CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TTCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-RIA1-30      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-RIA2-31      CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
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KNS-RIA3-32          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-TAL4-76          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS1-22          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS4-25          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS1-88          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS2-93          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS3-89          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS4-90          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS5-91          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS6-92          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS1-7           CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS2-8           CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS3-9           CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGT TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS4-10          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS5-11          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS6-12          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS7-13          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WJS3-35          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCGGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WSS1-26          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WSS2-27          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WSS3-28          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WSS4-29          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-WSS5-30          CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AATTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
N. trigonoides
NC2 MNHN2009-0823       CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
NC1 CSIRO uncat.        CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
NC3 IRD20090816       CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-NC4-84           CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-NC5-67           CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-NC6-68           CTTCTTTATG GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TACCCCTGAT GATTGGAGCT CCGGACATAG CCTTTCCACG TATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCCTTC CTACTCCTGC TAGCCTCAGC AGGAGTAGAA GCTGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
N. varidens
wjc629                CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KC992792             CTTCTTTATA GTAATGCCAA TTATAATCGG TGGGTTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAATAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC TTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
clade I
ZANZ1                 CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AACTGACTAG TACCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTGCC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-TZN1-52          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-ZAN3-86          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-ZAN4-71          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-ZAN5-80          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
clade II
KNS-ACE1-12          CTTCTTTATG GTAATGCCAA TTATAATTGG TGGGTTTGGC AACTGACTGG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TGGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PAD2-17          CTTCTTTATG GTAATGCCAA TTATAATTGG TGGGTTTGGC AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGT TGGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PAD3-18          CTTCTTTATG GTAATGCCAA TTATAATTGG TGGGTTCGGC AACTGACTAG TGCCCCTGAT AATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGT TGGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PAD4-19          CTTCTTTATG GTAATGCCAA TTATAATTGG TGGGTTCGGC AACTGACTAG TGCCCCTGAT AATTGGAGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGT TGGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-PAD6-21          CTTCTTTATG GTAATGCCAA TTATAATTGG TGGGTTCGGC AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGT TGGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTTTAT CCCCCATTAG
clade III
KNS-MAL2-32          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGC AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCTCCATTAG
KNS-MAL3-33          CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGC AACTGACTAG TGCCCCTGAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTTT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCTCCATTAG
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clade VII
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AM3                   CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AATTGACTAG TGCCCCTAAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTCTAT CCCCCATTAG
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AM5                   CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AATTGACTAG TGCCCCTAAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGACCTG GAACAGGTTG AACAGTCTAT CCCCCATTAG
AM6                   CTTCTTTATA GTAATGCCAA TTATAATTGG TGGATTTGGT AATTGACTAG TGCCCCTAAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GAACAGGTTG AACAGTCTAT CCCCCATTAG
KNS-KEI2-53           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TGCCCCTGAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GGACAGGTTG AACAGTTTAT CCCCCATTAG
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KNS-KEI5-55           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TGCCCCTGAT GATTGGGGCT CCGGACATAG CCTTTCCACG AATAAACAAC ATAAGTTTCT GACTTCTACC TCCCTCATTC CTATTACTGC TAGCCTCAGC AGGAGTAGAA GCCGGAGCTG GGACAGGTTG AACAGTTTAT CCCCCATTAG
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clade VIII
KNS-BIA2-38           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TACCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTACTACTGC TAGCCTCAGC AGGGGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIA3-39           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TACCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTACTACTGC TAGCCTCAGC AGGGGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
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KNS-BIA5-41           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TACCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTACTACTGC TAGCCTCAGC AGGGGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIA6-42           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TACCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTACTACTGC TAGCCTCAGC AGGGGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
KNS-BIA7-66           CTTCTTTATA GTAATGCCAA TTATAATTGG TGGGTTTGGT AATTGACTAG TACCCCTAAT AATTGGGGCT CCGGACATAG CCTTTCCACG AATGAACAAC ATAAGTTTTT GACTTCTGCC TCCCTCATTC CTACTACTGC TAGCCTCAGC AGGGGTAGAA GCCGGAGCCG GAACAGGTTG AACAGTTTAT CCCCCATTAG
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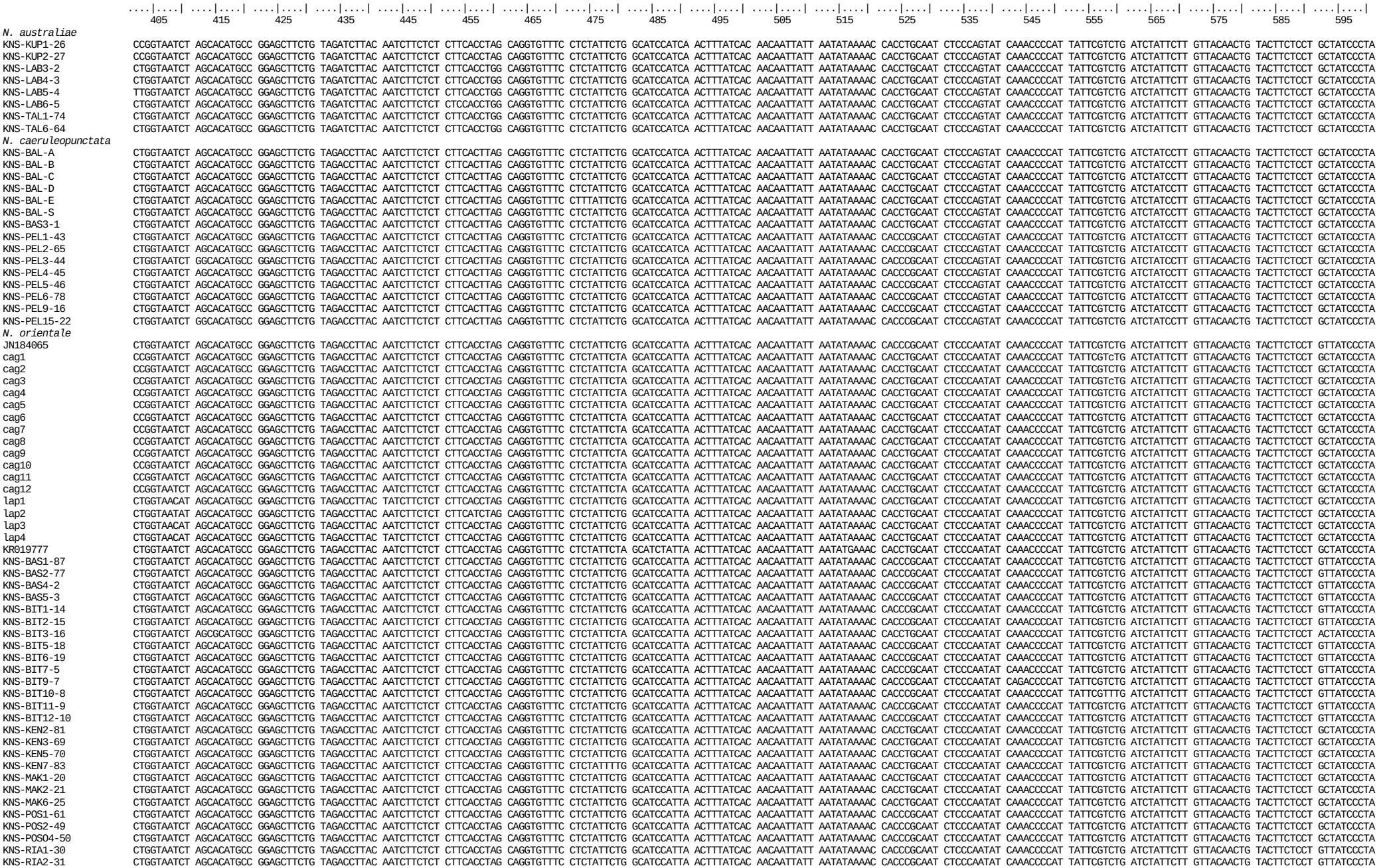
Table S2
(continued)



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KNS-TAL4-76          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
KNS-WJS1-22          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
KNS-WJS4-25          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
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KNS-WJS2-8           CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
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KNS-WJS3-35          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
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KNS-WSS2-27          CTGGTAACCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-WSS3-28          CTGGTAACCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTTTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-WSS4-29          CTGGTAACCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATTATT AATATAAAAC CACCCGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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N. trigonoides
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N. varidens
wjc629                CTGGCAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCATCTAG CAGGTGTTTC CTCTATTCTG GCATCCATTA ACTTTATCAC AACAATCATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GTTATCCCTA
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clade I
ZANZ1                 CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTA GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-TZN1-52          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTTTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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clade II
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clade III
KNS-MAL2-32          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTTTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-MAL3-33          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTTTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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KNS-MAL6-36          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTTTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-MAL7-37          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTTTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAATAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
clade VII
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AM6                   CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTTTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTA GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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KNS-KEI5-55          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTTTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTA GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
KNS-KEI6-56          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTTTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTA GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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clade VIII
KNS-BIA2-38          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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KNS-BIA5-41          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTCTC CTCTATTCTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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KNS-BIA7-66          CTGGTAATCT AGCACATGCC GGAGCTTCTG TAGACCTTAC AATCTTCTCT CTTCACCTAG CAGGTGTTTC CTCTATTCTG GCATCCATCA ACTTTATCAC AACAATTATT AATATAAAAC CACCTGCAAT CTCCCAGTAT CAAACCCCAT TATTCGTCTG ATCTATTCTT GTTACAACTG TACTTCTCCT GCTATCCCTA
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Table S2
(continued)

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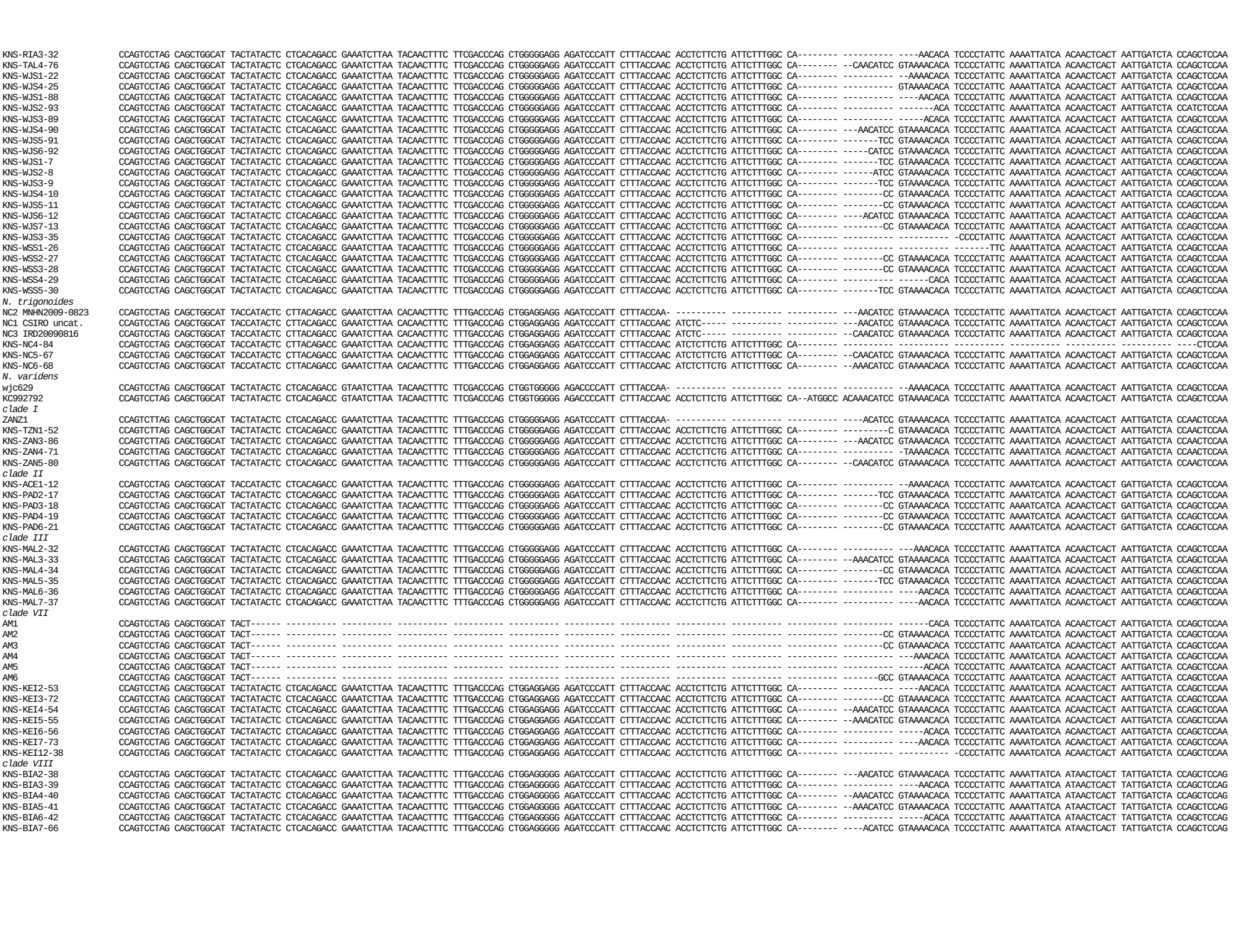

Table S2
(continued)

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                  805        815        825        835        845        855        865        875        885        895        905        915        925        935        945        955        965        975        985        995
N. australiae
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KNS-LAB4-3      CCAATATCTC CACCTGATGA AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCTA ACGGCGCCTC AATATTCTTC
KNS-LAB5-4      CCAATATCTC CACCTGATGA AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCTA ACGGCGCCTC AATATTCTTC
KNS-LAB6-5      ---------- ---------- ---------- ---------- ---------- ---------- TCCTTACGGG CCTATTCCTA GCTATACACT ACACCGCAAA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCTA ACGGCGCCTC AATATTCTTC
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KNS-TAL6-64     CCAATATCTC CACCTGATGA AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCTA ACGGCGCCTC AATATTCTTC
N. caeruleopunctata
KNS-BAL-A       CCAATATCTC CACCTGATGA AATTTTGGTT CCCTTCTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAC ATTCACGCTA ACGGCGCCTC AATATTCTTC
KNS-BAL-B       CCAATATCTC CACCTGATGA AATTTTGGTT CCCTTCTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAC ATTCACGCTA ACGGCGCCTC AATATTCTTC
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N. orientale
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KNS-KEN7-83     CCAATATCTC CACCTGATGG AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATGCACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-MAK1-20     CCAATATCTC CACCTGATGG AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-MAK2-21     CCAATATCTC CACCTGATGG AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-MAK6-25     CCAATATCTC CACCTGATGG AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-POS1-61     ---------- ---------- ------GGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-POS2-49     ---------- ---------- ---------- ---------- ---------- -TTATCCAAA TCCTCACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-POSO4-50    ---------- ---------- ---------- ---------- ---------- --TATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-RIA1-30     CCAATATCTC CACCTGATGA AATTTTGGTT CCCTACTAGG CCTTTGCCTA ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
KNS-RIA2-31     CCAATATCTC CACCTGATGA AATTTTGGTT CCCTACTAGG CCTTTGCCTG ATTATCCAAA TCCTTACAGG CCTATTCCTA GCTATACACT ACACCGCAGA CATCTCATCA GCATTCTCCT CAGTCGCCCA TATCTGCCGA GACGTTAACT ACGGTTGACT AATCCGCAAT ATTCACGCCA ACGGCGCCTC AATATTCTTC
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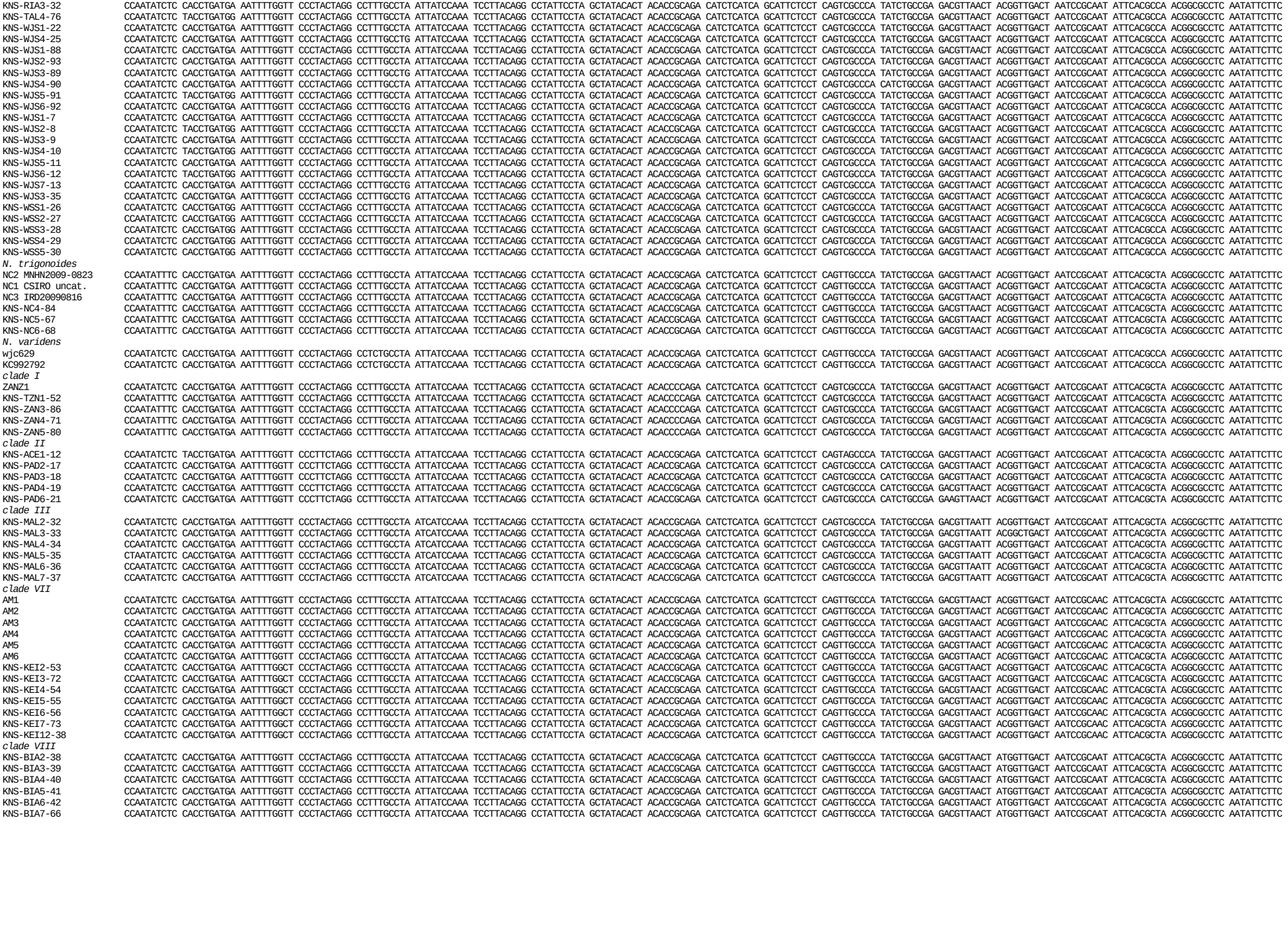

Table S2
(continued)

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                  ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....|
                     1005       1015       1025       1035       1045       1055       1065       1075       1085       1095       1105       1115       1125       1135       1145       1155       1165       1175       1185       1195
N. australiae
KNS-KUP1-26       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-KUP2-27       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-LAB3-2        ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-LAB4-3        ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-LAB5-4        ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-LAB6-5        ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-TAL1-74       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GGGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-TAL6-64       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
N. caeruleopunctata
KNS-BAL-A         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAL-B         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAL-C         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAL-D         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAL-E         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAL-S         ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-BAS3-1        ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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KNS-PEL2-65       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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KNS-PEL4-45       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PEL5-46       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PEL6-78       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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N. orientale
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cag3              ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAG ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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cag5              ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAG ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
cag6              ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAG ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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lap4              ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAG ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTTCCCT ATATTGGGGA
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KNS-BAS5-3        ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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KNS-MAK2-21       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAK6-25       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-POS1-61       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-POS2-49       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-POSO4-50      ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-RIA1-30       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-RIA2-31       ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
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KNS-RIA3-32          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-TAL4-76          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS1-22          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS4-25          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS1-88          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS2-93          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAACCA TCG------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
KNS-WJS3-89          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS4-90          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS5-91          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS6-92          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS1-7           ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS2-8           ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS3-9           ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS4-10          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTACG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS5-11          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS6-12          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS7-13          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WJS3-35          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WSS1-26          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTGAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WSS2-27          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTGAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WSS3-28          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTGAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WSS4-29          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTGAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-WSS5-30          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA TTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TCATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
N. trigonoides
NC2 MNHN2009-0823       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
NC1 CSIRO uncat.       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
NC3 IRD20090816       ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-NC4-84           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-NC5-67           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-NC6-68           ATCTGTATTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAATA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
N. varidens
wjc629                ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTTCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KC992792             ATCTGTGTTT ACCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTTCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
clade I
ZANZ1                 ATCTGTGCTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-TZN1-52          ATCTGTGCTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-ZAN3-86          ATCTGTGCTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-ZAN4-71          ATCTGTGCTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-ZAN5-80          ATCTGTGCTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CCTGCTATCA GCCCTCCCCT ATATTGGAGA
clade II
KNS-ACE1-12          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PAD2-17          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAC GTCCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PAD3-18          ATCTGTGTTT ATCTCCATAT TGCCCGAGGA CTTTACTATG GCTCCTACCT TAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAC GTCCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PAD4-19          ATCTGTGTTT ATCTCCATAT TGCCCGAGGA CTTTACTATG GCTCCTACCT TAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAC GTCCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
KNS-PAD6-21          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAC GTCCTCCCAT GAGGACAAAT ATCATTCTGA GGAGCAACCG TTATTACCAA CTTGCTATCA GCCCTCCCCT ATATTGGAGA
clade III
KNS-MAL2-32          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAL3-33          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAL4-34          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAL5-35          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAL6-36          ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-MAL7-37          ATCTGTGTCT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAACAAAGAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT CGTAGGCTAT GTCCTCCCGT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATCACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
clade VII
AM1                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
AM2                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
AM3                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
AM4                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
AM5                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
AM6                   ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI2-53           ATCTGTGTTT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI3-72           ATCTGTGTTT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI4-54           ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI5-55           ATCTGTGTTT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI6-56           ATCTGTGTTT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAAAA ACCTGAAACA TCGGAGTAAT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI7-73           ATCTGTGTCT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
KNS-KEI12-38          ATCTGTGTTT ATCTTCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT CAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTAATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTGCTGTCA GCCCTCCCCT ATATTGGAGA
clade VIII
KNS-BIA2-38           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-BIA3-39           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-BIA4-40           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-BIA5-41           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-BIA6-42           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
KNS-BIA7-66           ATCTGTGTTT ATCTCCATAT TGCTCGAGGA CTTTACTATG GCTCCTACCT TAATAAAGAA ACCTGAAACA TCGGAGTAGT TATCCTAGTG TTACTGATAG CCACCGCATT TGTAGGCTAT GTTCTCCCAT GAGGACAAAT ATCATTCTGA GGGGCAACCG TTATTACCAA CTTACTATCA GCCCTCCCCT ATATTGGAGA
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Table S2
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                   1205       1215       1225       1235       1245       1255       1265       1275       1285       1295       1305       1315       1325       1335       1345       1355       1365       1375       1385       1395
N. australiae
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KNS-LAB3-2      CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAT AATGCAACAC TAACTCGATT TTTCACATTT CACTTTCTAC TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAATCC AACCGGACTC TCATCTAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-LAB5-4      CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAT AATGCAACAC TAACTCGATT TTTCACATTT CACTTTCTAC TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAATCC AACCGGACTC TCATCTAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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N. caeruleopunctata
KNS-BAL-A       CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
KNS-BAL-B       CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
KNS-BAL-C       CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
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KNS-BAL-E       CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
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KNS-BAS3-1      CATGCTAGTT CAATGAATCT GAGGAGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
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KNS-PEL6-78     CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
KNS-PEL9-16     CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
KNS-PEL15-22    CATGCTAGTT CAATGAATCT GAGGGGGCTT CTCAATCGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAAT CCCGTTTCAT CCTTATTATA
N. orientale
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cag4            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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cag6            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
cag7            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
cag8            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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lap1            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
lap2            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT CTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
lap3            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
lap4            CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-BAS1-87     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
KNS-BAS2-77     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-BAS5-3      CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-BIT9-7      CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
KNS-BIT10-8     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC CCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-KEN2-81     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACCCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
KNS-KEN3-69     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACCCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
KNS-KEN5-70     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACCCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-MAK1-20     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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KNS-POS1-61     CATGTTAGTT CAATGAATCT GAGGAGGCTT CTCAATTGAC AATGCAACAC TAACTCGATT TTTCACATTT CATTTTCTAT TTCCCTTTGT AATTGCAGCT CTTACTATAA TTCACCTTCT CTTCCTTCAT GAAACAGGTT CTAACAACCC AACCGGACTC TCATCCAACA TAGACAAAGT CCCGTTTCAT CCTTATTATA
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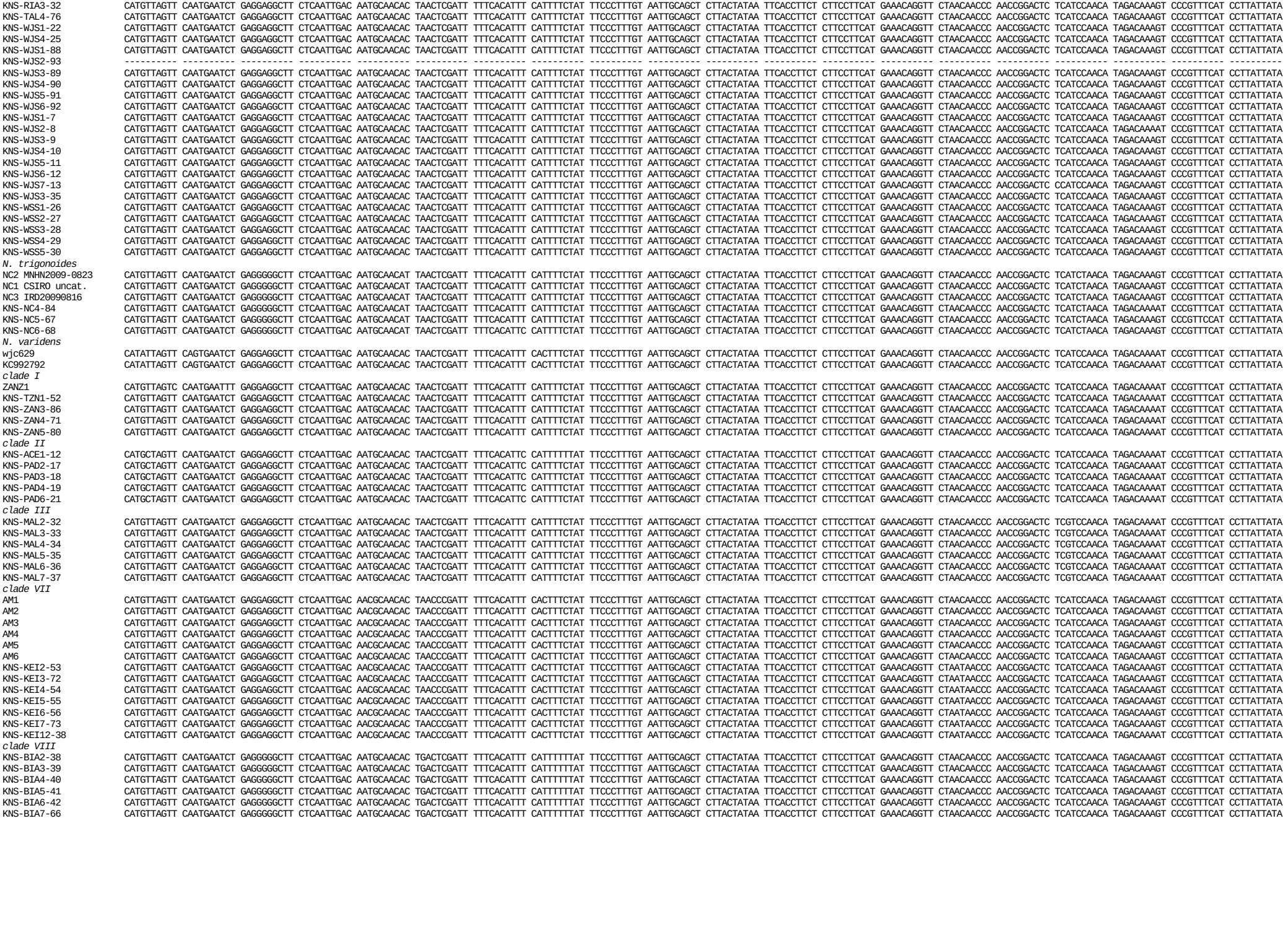

Table S2
(continued)

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                    1405       1415       1425       1435       1445       1455       1465       1475       1485       1495       1505       1515       1525       1535       1545       1555       1565       1575       1585       1595
N. australiae
KNS-KUP1-26      CATATAAAGA TCTAGTGGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTCGCCTA CGCCATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
KNS-KUP2-27      CATATAAAGA TCTAGTGGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTCGCCTA CGCCATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-LAB3-2       CATATAAAGA TCTAGTAGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCATCACAC CTCCCCATAT TAAACCAGAG TGGTATTTCT TATTCGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-LAB4-3       CATATAAAGA TCTAGTAGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCATCACAC CTCCCCATAT TAAACCAGAG TGGTATTTCT TATTCGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-LAB5-4       CATATAAAGA TCTAGTAGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCATCACAC CTCCCCATAT TAAACCAGAG TGGTATTTCT TATTCGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-LAB6-5       CATATAAAGA TCTAGTAGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTATTTCT TATTCGCcTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-TAL1-74      CATATAAAGA TCTAGTGGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATATTTCT TATTCGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-TAL6-64      CATATAAAGA TCTAGTAGGC TTCTTCATTC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTACTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTATTTCT TATTCGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
N. caeruleopunctata
KNS-BAL-A        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAL-B        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAL-C        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAL-D        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAL-E        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAL-S        CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAS3-1       CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL1-43      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL2-65      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL3-44      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL4-45      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL5-46      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL6-78      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL9-16      CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PEL15-22     CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
N. orientale
JN184065         CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag1             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag2             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag3             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag4             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag5             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag6             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag7             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag8             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag9             CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag10            CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag11            CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
cag12            CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
lap1             CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAGTACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATCCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
lap2             CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
lap3             CATATAAAGA TCTGGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATCCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
lap4             CATATAAAGA TCTGGTAGGC TTCTTCATCC TCCTAGTGCT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATCCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KR019777         CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGGGGAGTC
KNS-BAS1-87      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCTCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAS2-77      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCTCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAS4-2       CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BAS5-3       CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT1-14      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT2-15      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT3-16      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT5-18      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT6-19      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT7-5       CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT9-7       CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT10-8      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT11-9      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-BIT12-10     CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEN2-81      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEN3-69      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEN5-70      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEN7-83      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAK1-20      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTCATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAK2-21      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTCATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAK6-25      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTCATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-POS1-61      CATATAAAGA TCTGATGGGC TTCTTCATCC TTCTAGTACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCATA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-POS2-49      CATATAAAGA TCTGGTGGGC TTCTTCATCC TTCTAGTACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-POSO4-50     CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAGTACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GAtACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTcTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-RIA1-30      CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-RIA2-31      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
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KNS-TAL4-76          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTTTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS1-22          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS4-25          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS1-88          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAGTACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS2-93          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
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KNS-WJS4-90          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS5-91          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS6-92          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS1-7           CATATAAAGA TCTGATAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS2-8           CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS3-9           CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT TGGAGGAGTC
KNS-WJS4-10          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS5-11          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS6-12          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS7-13          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WJS3-35          CATATAAAGA TCTGGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAA TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WSS1-26          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WSS2-27          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WSS3-28          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WSS4-29          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-WSS5-30          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
N. trigonoides
NC2 MNHN2009-0823      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
NC1 CSIRO uncat.       CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
NC3 IRD20090816      CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
KNS-NC4-84           CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
KNS-NC5-67           CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
KNS-NC6-68           CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATTCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCTATCC CCAATAAACT AGGAGGAGTC
N. varidens
wjc629               CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KC992792             CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
clade I
ZANZ1                CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-TZN1-52          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-ZAN3-86          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-ZAN4-71          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-ZAN5-80          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
clade II
KNS-ACE1-12          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCGAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PAD2-17          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PAD3-18          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PAD4-19          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-PAD6-21          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
clade III
KNS-MAL2-32          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAL3-33          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAL4-34          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAL5-35          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAL6-36          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-MAL7-37          CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGG GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
clade VII
AM1                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
AM2                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
AM3                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
AM4                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
AM5                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
AM6                  CATATAAAGA TCTAGTGGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTCCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAATT AGGAGGAGTC
KNS-KEI2-53          CATATAAAGA TCTAATAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI3-72          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI4-54          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI5-55          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI6-56          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI7-73          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT TAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
KNS-KEI12-38         CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCTTAT TTACACCAAA CCTTCTAGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTCACAC CTCCCCATAT CAAACCAGAG TGATACTTCC TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGAGGAGTC
clade VIII
KNS-BIA2-38          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CTAATAAACT AGGGGGAGTC
KNS-BIA3-39          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGGGGAGTC
KNS-BIA4-40          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CTAATAAACT AGGGGGAGTC
KNS-BIA5-41          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CTAATAAACT AGGGGGAGTC
KNS-BIA6-42          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGGGGAGTC
KNS-BIA7-66          CATATAAAGA TCTAGTAGGC TTCTTCATCC TTCTAATACT ACTAACTCTA CTTGCCCTAT TTACACCAAA CCTCCTGGGA GATACAGAAA ACTTTATCCC AGCCAACCCC CTCGTTACAC CTCCCCATAT TAAACCAGAA TGGTACTTCT TATTTGCCTA CGCTATTCTA CGCTCCATCC CCAATAAACT AGGGGGAGTC
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Table S2
(continued)

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                 ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....|....|
                    1605       1615       1625       1635       1645       1655       1665       1675       1685       1695       1705       1715       1725       1735       1745       1755       1765       1775       1785       1795
N. australiae
KNS-KUP1-26      CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KUP2-27      CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-LAB3-2       CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGTGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-LAB4-3       CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGTGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-LAB5-4       CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
KNS-LAB6-5       CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGcGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCaCCTa
KNS-TAL1-74      CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-TAL6-64      CTAGCCCTCG CCTTCTCAAT CTTTATCTTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
N. caeruleopunctata
KNS-BAL-A        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTAGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAL-B        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAL-C        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAL-D        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAL-E        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAL-S        CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAS3-1       CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL1-43      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL2-65      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL3-44      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL4-45      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL5-46      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL6-78      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL9-16      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PEL15-22     CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
N. orientale
JN184065         CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAGC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag1             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag2             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag3             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag4             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag5             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag6             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag7             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag8             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag9             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag10            CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag11            CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
cag12            CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
lap1             CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAGCTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
lap2             CTAGCCCTCG CCTTCTCAAT CTTCATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAGCTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
lap3             CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAGCTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
lap4             CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAGCTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KR019777         CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAS1-87      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAS2-77      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAS4-2       CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BAS5-3       CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT1-14      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT2-15      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT3-16      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT5-18      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT6-19      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT7-5       CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TTTGACTTTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT9-7       CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT10-8      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT11-9      CTAGCCCTCG CCTTCTCAAT CCTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIT12-10     CTAGCCCTCG CCTTCTCAAT CCTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEN2-81      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEN3-69      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEN5-70      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEN7-83      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAK1-20      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAK2-21      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAK6-25      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-POS1-61      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACC--
KNS-POS2-49      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAA- ---------- ---------- ---------- ----------
KNS-POSO4-50     CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TTTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGA-- ---------- ---------- ---------- ----------
KNS-RIA1-30      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-RIA2-31      CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
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KNS-RIA3-32          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-TAL4-76          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS1-22          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS4-25          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS1-88          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS2-93          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
KNS-WJS3-89          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS4-90          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS5-91          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS6-92          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS1-7           CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS2-8           CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS3-9           CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS4-10          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS5-11          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS6-12          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT TGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS7-13          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WJS3-35          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WSS1-26          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WSS2-27          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WSS3-28          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WSS4-29          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-WSS5-30          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAGC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
N. trigonoides
NC2 MNHN2009-0823      CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
NC1 CSIRO uncat.       CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
NC3 IRD20090816      CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-NC4-84           CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-NC5-67           CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-NC6-68           CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCTAAA CAACGAAGCC TTACCTTCCG TCCAATTACA CAACTCCTGT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AGCCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
N. varidens
wjc629               CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
KC992792             CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
clade I
ZANZ1                CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATCACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-TZN1-52          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-ZAN3-86          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-ZAN4-71          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-ZAN5-80          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA TACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
clade II
KNS-ACE1-12          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTTCTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-PAD2-17          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAGTCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
KNS-PAD3-18          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAGTCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
KNS-PAD4-19          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAGTCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
KNS-PAD6-21          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAGTCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCTTAT TCTGACTCTT AGTGGCAAAC ACAGTCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGT CAAATCGCCT CAATCACCTA
clade III
KNS-MAL2-32          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAL3-33          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAL4-34          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAL5-35          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAL6-36          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
KNS-MAL7-37          CTAGCCCTCG CCTTCTCAAT CTTTATCCTA CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT TATTATTGGC CAAATCGCCT CAATCACCTA
clade VII
AM1                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCt caatcaccta
AM2                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
AM3                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
AM4                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
AM5                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
AM6                  CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI2-53          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI3-72          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATCACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI4-54          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI5-55          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCTT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI6-56          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCct CAATCACCTA
KNS-KEI7-73          CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-KEI12-38         CTAGCCCTCG CCTTCTCAAT CTTTATCCTT CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATCATCC TAACATGAAT CGGCGGCCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
clade VIII
KNS-BIA2-38          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIA3-39          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIA4-40          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIA5-41          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIA6-42          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
KNS-BIA7-66          CTAGCCCTCG CCTTCTCAAT CTTTATCCTG CTACTAATCC CCATTCTTCA CACCTCCAAA CAACGAAGCC TCACCTTCCG TCCAATTACA CAACTCCTAT TCTGACTCTT AGTGGCAAAC ACAATTATCC TAACATGAAT CGGCGGTCAA CCCGTAGAAC AACCATTCAT CATTATTGGC CAAATCGCCT CAATCACCTA
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Table S2
(continued)

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                    ....|....| ....|....| ....|....| ....|....| ....|....| ....|....| ....
                       1805       1815       1825       1835       1845       1855
N. australiae
KNS-KUP1-26         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-KUP2-27         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCT-
KNS-LAB3-2          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTC
KNS-LAB4-3          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-LAB5-4          ---------- ---------- ---------- ---------- ---------- ---------- ----
KNS-LAB6-5          CTTCTCCTTC TTCCTCAT-- ---------- ---------- ---------- ---------- ----
KNS-TAL1-74         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-TAL6-64         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
N. caeruleopunctata
KNS-BAL-A           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAL-B           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCT-
KNS-BAL-C           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAL-D           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAL-E           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATG----- ----
KNS-BAL-S           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAS3-1          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL1-43         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL2-65         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL3-44         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL4-45         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL5-46         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL6-78         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PEL9-16         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCC------ ---------- ---------- ----
KNS-PEL15-22        CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCT-
N. orientale
JN184065            CTTCTCTTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag1                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag2                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag3                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag4                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag5                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag6                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag7                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag8                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag9                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag10               CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag11               CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
cag12               CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
lap1                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
lap2                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
lap3                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
lap4                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KR019777            CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-BAS1-87         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAS2-77         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAS4-2          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BAS5-3          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT1-14         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT2-15         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGA------- ---------- ----
KNS-BIT3-16         CTTCTCCTTC TTCCTCATCT TTTTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT5-18         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT6-19         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT7-5          CTTCTCCTTC TTCCTCATCT TATTCCCAAT C--------- ---------- ---------- ----
KNS-BIT9-7          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT10-8         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT11-9         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIT12-10        CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-KEN2-81         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTT--- ----
KNS-KEN3-69         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-KEN5-70         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-KEN7-83         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-MAK1-20         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-MAK2-21         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-MAK6-25         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-POS1-61         ---------- ---------- ---------- ---------- ---------- ---------- ----
KNS-POS2-49         ---------- ---------- ---------- ---------- ---------- ---------- ----
KNS-POSO4-50        ---------- ---------- ---------- ---------- ---------- ---------- ----
KNS-RIA1-30         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-RIA2-31         CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
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KNS-RIA3-32           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-TAL4-76           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS1-22           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CC--
KNS-WJS4-25           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS1-88           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS2-93           ---------- ---------- ---------- ---------- ---------- ---------- ----
KNS-WJS3-89           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CC--
KNS-WJS4-90           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS5-91           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCAT
KNS-WJS6-92           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS1-7            CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS2-8            CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS3-9            CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS4-10           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS5-11           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS6-12           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS7-13           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WJS3-35           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAA- ----
KNS-WSS1-26           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AA-------- ----
KNS-WSS2-27           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WSS3-28           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WSS4-29           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-WSS5-30           CTTCTCTTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
N. trigonoides
NC2 MNHN2009-0823      CTTCTCCTTC TTCCTCATCC TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
NC1 CSIRO uncat.       CTTCTCCTTC TTCCTCATCC TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
NC3 IRD20090816       CTTCTCCTTC TTCCTCATCC TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-NC4-84            CTTCTCCTTC TTCCTCATCC TATTCCCAAT TG-------- ---------- ---------- ----
KNS-NC5-67            CTTCTCCTTC TTCCTCATCC TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-NC6-68            CTTCTCCTTC TTCCTCATCC TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
N. varidens
wjc629                CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KC992792              CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
clade I
ZANZ1                 CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCTGGATGG TGAGAAAACA AAATGTTAAA CCTT
KNS-TZN1-52           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCTGGATGG TGAGAAAACA AAATGTTAAA CCtT
KNS-ZAN3-86           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCTGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-ZAN4-71           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCTGGATGG TGAGAAAACA AAATGTTAAA CCTT
KNS-ZAN5-80           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCTGGATGG TGAGAAAACA AAATGTTAAA CCTT
clade II
KNS-ACE1-12           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PAD2-17           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PAD3-18           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PAD4-19           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-PAD6-21           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
clade III
KNS-MAL2-32           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-MAL3-33           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-MAL4-34           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-MAL5-35           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-MAL6-36           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
KNS-MAL7-37           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGCTAAA CCTT
clade VII
AM1                   CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAA- ----
AM2                   CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
AM3                   CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
AM4                   CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
AM5                   CTTCTCCTTC TTCCTCATCT TATTCCCAA- ---------- ---------- ---------- ----
AM6                   CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
KNS-KEI2-53           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGGTGG TGAGAAAATA AAATGTTAAA CCT-
KNS-KEI3-72           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGGTGG TGAGAAAATA AAATGTTAAA CCTT
KNS-KEI4-54           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
KNS-KEI5-55           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGGTGG TGAGAAAATA AAATGTTAAA CCTT
KNS-KEI6-56           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGGTGG TGAGAAAATA AAATGTTAAA CC--
KNS-KEI7-73           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGG TGAGAAAATA AAATGTTAAA CCTT
KNS-KEI12-38          CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGGTGG TGAGAAAATA AAATGTTAAA CCTT
clade VIII
KNS-BIA2-38           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIA3-39           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIA4-40           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIA5-41           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIA6-42           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
KNS-BIA7-66           CTTCTCCTTC TTCCTCATCT TATTCCCAAT CGCCGGATGA TGAGAAAACA AAATGTTAAA CCTT
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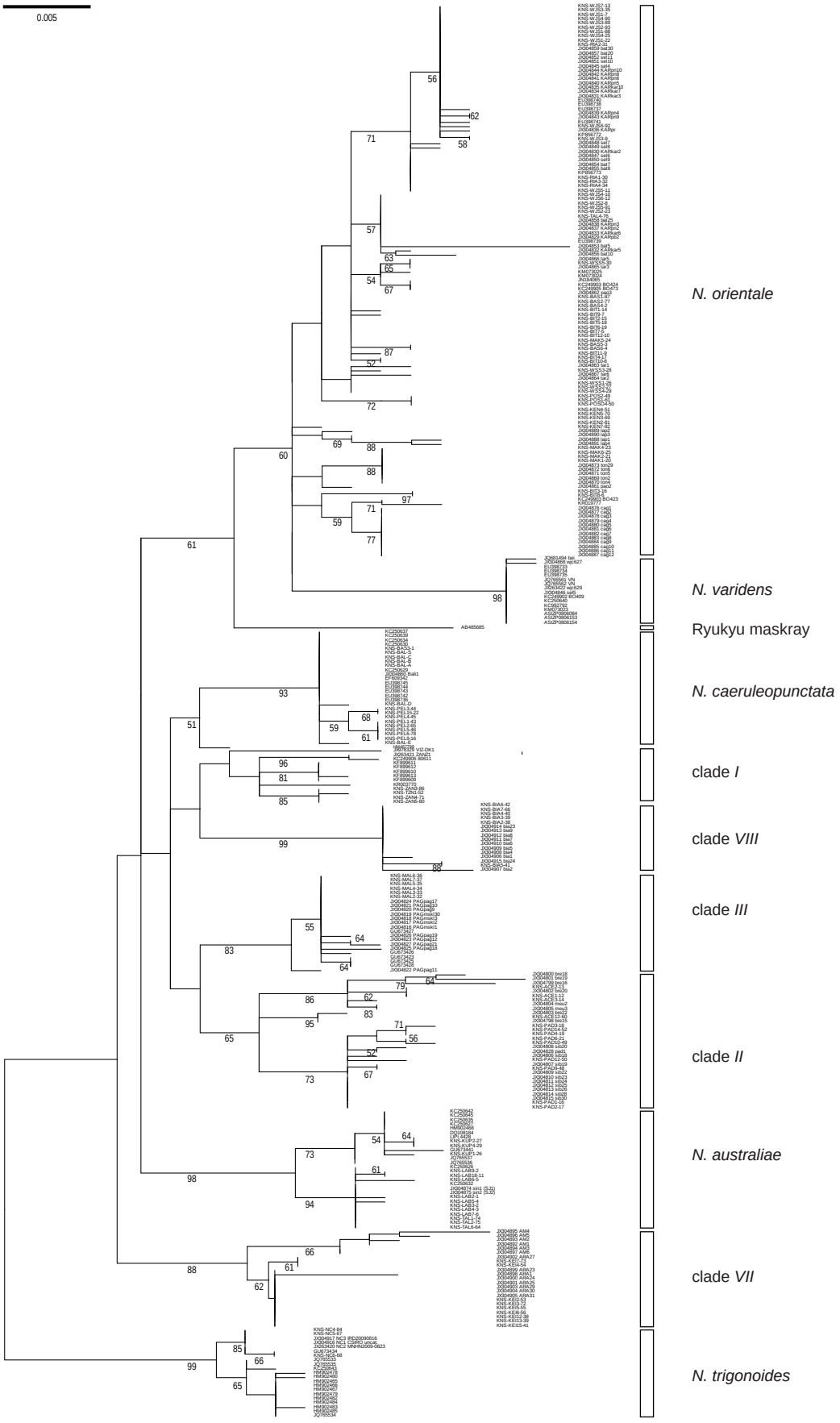

Fig. S1 Maximum-likelihood phylogeny [MEGA6 (Tamura et al. 2013); Tamura 3-parameter model (Tamura 1992) with gamma-distributed rate differences among sites; partial deletion] of *Neotrygon* spp., including four new species formerly under *N. kuhlii*, based on nucleotide sequences of the *CO1* gene. A total of 330 sequences aligned over 519 bp [nucleotide sites nos. 106-624 of the CO1 gene; JN184065 (Aschliman et al. 2012)] was retained in the final dataset, after all positions with less than 95% site coverage had been eliminated. *N. trigonoides* was designated as outgroup (Borsa et al. 2013a). Numbers at a node are bootstrap scores (from 600 bootstrap resampling runs).

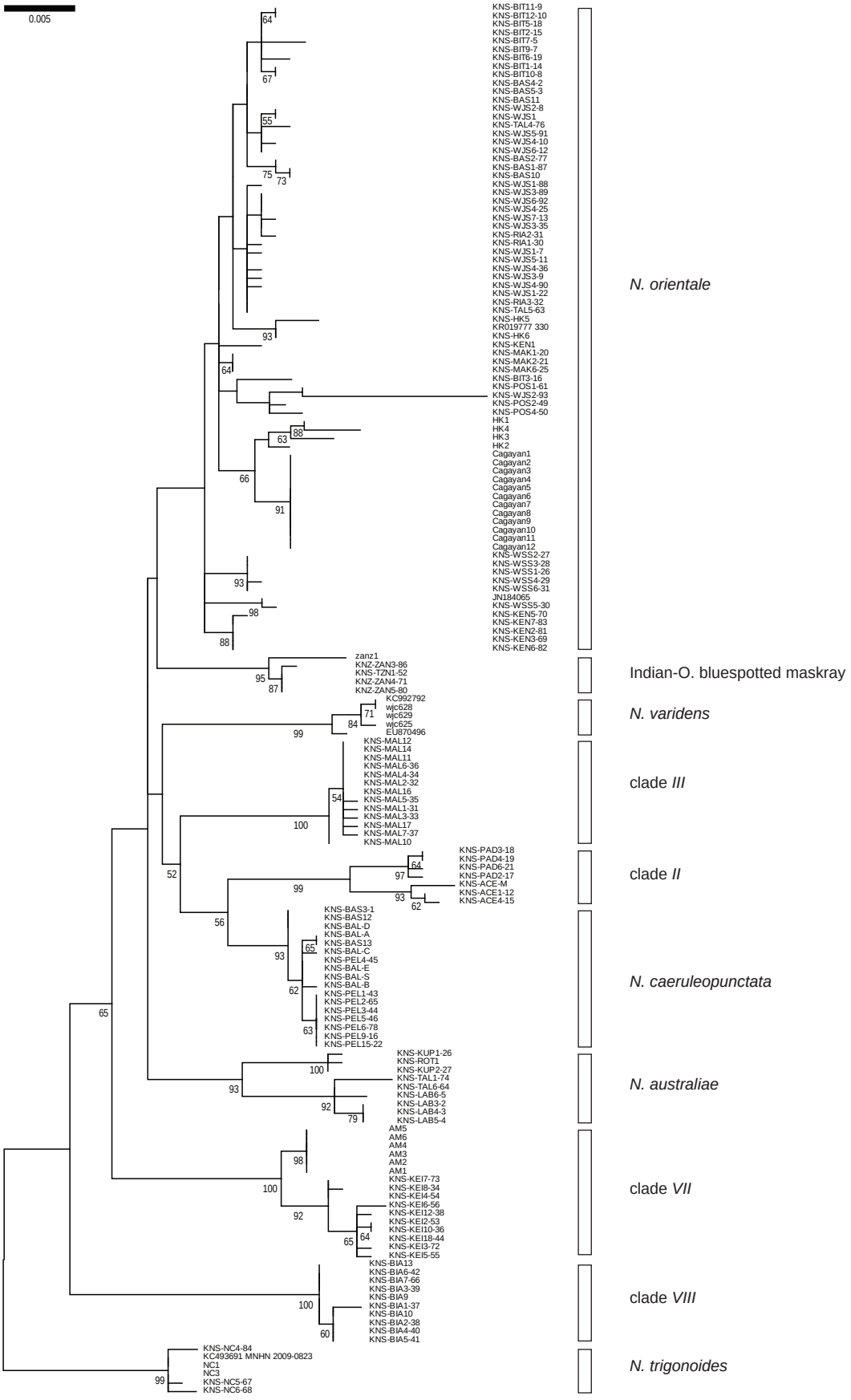

Fig. S2 Maximum-likelihood phylogeny [MEGA6 (Tamura et al. 2013); Tamura-Nei model (Tamura & Nei 1993) with gamma-distributed rate differences among sites, invariable sites allowed; partial deletion] of *Neotrygon* spp., including 9 lineages of the blue-spotted maskray (previously *N. kuhlii*), based on 165 nucleotide sequences of the *cytochrome b* gene. A total of 1059 nucleotide positions was retained in the final dataset, after all positions with less than 95% site coverage had been eliminated. *N. trigonoides* was designated as outgroup (Borsa et al. 2013a). Numbers at a node are bootstrap scores (from 600 bootstrap resampling runs).