

S1 Table. Identification, geographic location, sampling date and GenBank accession numbers of *Flaccisagitta enflata* analyzed in the present study.

Identification	Geographic Location	Date	Latitude Longitude	Accession Number
TA1	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244934
TA3	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244935
TA4	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244936
TA7	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244937
TA8	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244938
TA9	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244939
TA10	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244940
TA12	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244941
TA13	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244942
TA14	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244943
TA15	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244944
TA17	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244945
TA18	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244946
TA22	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244947
TA24	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244948

TA26	Tamandaré	10-Mar-2016	08° 46' 22" S 34° 55' 53" W	MH244949
PR1	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244950
PR2	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244951
PR3	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244952
PR4	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244953
PR5	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244954
PR6	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244955
PR7	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244956
PR8	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244957
PR9	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244958
PR11	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244959
PR12	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244960
PR13	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244961
PR14	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244962
PR15	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244963
PR16	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244964
PR17	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244965
PR18	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244966

PR19	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244967
PR20	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244968
PR21	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244969
PR22	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244970
PR23	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244971
PR24	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244972
PR25	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244973
PR26	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244974
PR27	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244975
PR28	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244976
PR29	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244977
PR30	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244978
PR32	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244979
PR33	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244980
PR34	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244981
PR35	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244982
PR36	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244983
PR38	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244984

PR40	Port of Recife	21-Jun-2016	08° 3' 49.42" S 34°52'11.69" W	MH244985
SPSPA4	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244986
SPSPA5	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244987
SPSPA6	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244988
SPSPA7	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244989
SPSPA8	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244990
SPSPA9	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244991
SPSPA10	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244992
SPSPA11	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 56.99' N 29° 20.44' W	MH244993
SPSPA12	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244994
SPSPA15	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244995
SPSPA16	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244996
SPSPA17	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244997
SPSPA18	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 54' N 29° 20.55' W	MH244998
SPSPA20	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH244999
SPSPA21	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245000
SPSPA22	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245001
SPSPA23	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245002

SPSPA25	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245003
SPSPA26	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245004
SPSPA27	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245005
SPSPA28	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245006
SPSPA29	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245007
SPSPA30	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245008
SPSPA32	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245009
SPSPA33	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245010
SPSPA37	Saint Peter and Saint Paul's Archipelago	11-Jan-2017	00° 55' N 29° 21.17' W	MH245011
FN2	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245012
FN9	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245013
FN12	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245014
FN13	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245015
FN14	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245016
FN15	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245017
FN16	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245018
FN17	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245019
FN18	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245020

FN23	Fernando de Noronha Archipelago	07-Jan-2017	03° 49.43' S 32° 24.78' W	MH245021
FN24	Fernando de Noronha Archipelago	26-Jan-2017	03° 48.45' S 32° 24.20' W	MH245022
FN25	Fernando de Noronha Archipelago	26-Jan-2017	03° 48.45' S 32° 24.20' W	MH245023
FN28	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.29' S 32° 23.9' W	MH245024
FN29	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.29' S 32° 23.9' W	MH245025
FN30	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.36' S 32° 23.25' W	MH245026
FN32	Fernando de Noronha Archipelago	26-Jan-2017	03° 48.45' S 32° 24.20' W	MH245027
FN36	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.29' S 32° 23.9' W	MH245028
FN37	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.29' S 32° 23.9' W	MH245029
FN38	Fernando de Noronha Archipelago	26-Jan-2017	03° 47.29' S 32° 23.9' W	MH245030
GS4	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245031
GS8	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245032
GS9	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245033
GS10	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245034
GS11	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245035
GS14	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245036
GS15	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245037
GS19	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245038

GS20	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245039
GS22	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245040
GS23	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245041
GS25	Guará seamount	06-May-2017	04° 5' 24.79" S 36° 18' 03.42" W	MH245042
RA6	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245043
RA11	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245044
RA12	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245045
RA15	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245046
RA20	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245047
RA21	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245048
RA22	Rocas Atoll	02-May-2017	03° 45' 30.84" S 34° 00' 5.42" W	MH245049
