

100/1

KT932987 *Umbraulva kuaweuweu* HI, USAEU484411 *Umbraulva olivascens* Ireland

71/0.98

LC507134 *Umbraulva japonica* JapanAB830525 *Ulva 'limnetica'* Japan

81/0.96

AB741535 *Ulva 'sublittoralis'* JapanKT932996 *Ulva 'ohiohilulu'* HI, USAKC661388 *Ulva 'gigantea'*KC661390 *Ulva 'intestinalis'*EU933948 *Ulva* sp. S. Australia

100/1

EF110365 *Ulva 'intestinalis'* New ZealandAF499671 *Ulva 'intestinalis'*KY921714 *Ulva 'intestinalis'* UKEF110257 *Ulva 'intestinalis'* New ZealandAY255860 *Enteromorpha intestinalis'*EF110320 *Ulva 'intestinalis'* New ZealandEF110284 *Ulva 'intestinalis'* New Zealand

65/0.99

EF110340 *Ulva 'compressa'* New Zealand

NCweed-2203

NCweed-2220

NCweed-2079

NCweed-2097

NCweed-2081

AB830526 *Ulva 'compressa'* Japan

NCweed-2057

EF110015 *Ulva 'compressa'* New ZealandHM584756 *Ulva 'compressa'* ChinaMH730975 *Ulva expansa* CA, USAMH731009 *Ulva expansa* type CA, USAMW543060 *Ulva rigida* type SpainHG940508 *Ulva 'rotundata'* IrelandEU484401 *Ulva 'rotundata'* IrelandAB097621 *Ulva 'arasaki'*EU484398 *Ulva 'lactuca'* IrelandAY422544 *Ulva 'lactuca'*MK456393 *Ulva fenestrata* type Russia

99/1

NCweed-2189

MT882724 *Ulva* sp. 'JTM-3' DE, USAAY422547 *Ulva 'pertusa'*LC331300 *Ulva australis* type S. AustraliaMT160564 *Ulva australis* FranceJX262425 *Ulva 'pertusa'* CA, USAEF110429 *Ulva 'pertusa'* New ZealandHM584767 *Ulva 'pertusa'* ChinaMF774356 *Ulva australis* ChileMF774354 *Ulva australis* ChileLC507130 *Ulva iliohaha* JapanKT932995 *Ulva iliohaha* type HI, USAKP710833 *Ulva chaugulii* type India

62/0.99

KC661386 *Ulva 'prolifera'*AB598814 *Ulva* sp. 'RH038 (tepida)' JapanMT882769 *Ulva tepida* FL, USAMT882763 *Ulva tepida* FL, USAMT882766 *Ulva tepida* AL, USA

-0.99

NCweed-1321

NCweed-2042

-0.95

100/1

MZ902936 *Ulva arbuscula* type New CaledoniaKC661389 *Ulva 'prolifera'*MZ902984 *Ulva pluriramosa* type New CaledoniaMZ936429 *Ulva pennata* type New CaledoniaMZ902952 *Ulva spumosa* type New CaledoniaMZ902989 *Ulva finissima* type New CaledoniaMZ902965 *Ulva planiramosa* type New CaledoniaMZ902959 *Ulva siganiphyllia* type New CaledoniaMZ936426 *Ulva scolopendra* type New CaledoniaMZ902954 *Ulva tentaculosa* type New CaledoniaMZ582335 *Ulva vietnamensis* type Vietnam

-0.94

78/1

HM447571 *Ulva 'flexuosa'*

71/1

HM447573 *Ulva 'flexuosa'*

82/1

AB830523 *Ulva 'flexuosa'* Japan

71/1

HM447574 *Ulva 'flexuosa'*

-1

OR723831 *Ulva stenophylla* type CA, USA

90/1

AY255861 *Enteromorpha linza'*

-1

KC582339 *Ulva 'cf. prolifera'* RI, USA

90/1

HM584762 *Ulva prolifera* China

NCweed-2054

NCweed-2074

NCweed-2075

NCweed-2069

HM584755 *Ulva prolifera* ChinaJQ963241 *Ulva prolifera*JQ963245 *Ulva prolifera*JQ963238 *Ulva prolifera*JQ963234 *Ulva prolifera'*EU380523 *Ulva 'intestinalis'*

71/1

NCweed-2215

87/1

NCweed-2099

-0.96

NCweed-2100

OR732837 *Ulva tanneri* type CA, USA

-0.99

Q6687080 *Ulva kanagawae* type Brazil

91/1

NCweed-2223

52/0.78

NCweed-2060

66/0.94

FM210344 *Ulva 'linza'* Portugal

77/0.99

NCweed-2218

91/1

AB830528 *Ulva californica* Japan

51/0.94

AY422558 *Ulva californica*

100/1

AY422557 *Ulva californica*OR723827 *Ulva californica* type CA, USAEU484402 *Ulva pseudocurvata* IrelandMT894768 *Ulva pseudocurvata* UKMT160606 *Ulva pseudocurvata* IrelandMT15850 *Ulva conglobata* typeMN450424 *Ulva 'rigida'* Portugal

52/0.93

MW543061 *Ulva lacinulata* type Croatia

NCweed-2235

MG704798 *Ulva 'scandinavica'*EF110275 *Ulva 'rigida'* New ZealandLK022428 *Ulva 'rigida'* New Zealand

89/0.94

OQ349516 *Ulva taeniata* lectotype CA, USAAP018696 *Ulva ohnoi* extracted typeMG704830 *Ulva 'ohnoi'* IsraelGU138264 *Ulva 'ohnoi'* HI, USAKU561284 *Ulva 'ohnoi'*KP279702 *Ulva 'ohnoi'* India

80/0.77

NCweed-2064

AB116037 *Ulva 'ohnoi'* JapanOR003918 *Ulva dactylifera* type CA, USAAY422566 *Ulva 'taeniata'*MK456395 *Ulva lactuca* voucher Indo-PacificMK456397 *Ulva faciata* epitype EgyptGU138282 *Ulva lactuca* HI, USAMH730972 *Ulva lobata* lectotype ChileKT882614 *Ulva lactuca* FL, USAOL542489 *Ulva nematoidea* type Chile

NCweed-2082

MW570779 *Ulva rotundata* holotype ItalyKP279685 *Ulva lactuca* India***Ulva* sp. NC1*****Ulva gigantea******Ulva* sp. NC 9*****Ulva carsoniae******Ulva* sp. NC 5*****Ulva tepida******Ulva* sp. NC 2*****Ulva prolifera******Ulva* sp. NC 4*****Ulva 'torta'******Ulva* sp. NC 3*****Ulva* sp. NC 8*****Ulva lacinulata******Ulva* sp. NC 7*****Ulva ohnoi******Ulva* sp. NC 6*****Ulva lactuca***

0.04