|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Seq ID**  | **Latitude** | **Longitude** | **Temp (°C)** | **Salinity (ppt)** | **Fluorescence (RFU)** | **Region** | ***Sargassum* Type** | **NCBI ID** |
|  | 2015\_SN8\_1 | 20.433 | -66.302 | 27.1 | 36.32 | 494.0 | S Sargasso | *S. natans VIII* | MK863834  |
| 2015 | 2015\_SN1\_2  | 35.170 | -70.028 | 21.3 | 36.62 | 600.7 | N Sargasso | *S. natans I* |   |
| 2015\_SN8\_3 | 16.322 | -33.450 | 26.7 | 36.62 | 712.1 | Tropical Atlantic | *S. natans VIII* | MK863835 |
| 2015\_SN8\_4 | Tropical Atlantic | *S. natans VIII* | MK863836 |
| 2015\_SN8\_5 | Tropical Atlantic | *S. natans VIII* | MK863837 |
| 2015\_SN8\_6 | Tropical Atlantic | *S. natans VIII* | MK863838 |
| 2015\_SN8\_7 | Tropical Atlantic | *S. natans VIII* | MK863839 |
| 2015\_SN8\_8 | Tropical Atlantic | *S. natans VIII* | MK863840 |
| 2015\_SN8\_9 | Tropical Atlantic | *S. natans VIII* | MK863841 |
| 2015\_SN8\_10 | Tropical Atlantic | *S. natans VIII* | MK863842 |
| 2015\_SN8\_11 | Tropical Atlantic | *S. natans VIII* | MK863843 |
| 2015\_SN8\_12 | Tropical Atlantic | *S. natans VIII* | MK863844 |
| 2015\_SN8\_13 | 14.812 | -40.252 | 26.9 | 36.44 | 739.2 | Tropical Atlantic | *S. natans VIII* | MK863845 |
| 2015\_SN8\_14 | Tropical Atlantic | *S. natans VIII* | MK863846 |
| 2015\_SN8\_15 | Tropical Atlantic | *S. natans VIII* | MK863847 |
| 2015\_SN8\_16 | Tropical Atlantic | *S. natans VIII* | MK863848 |
| 2015\_SN8\_17 | Tropical Atlantic | *S. natans VIII* | MK863849 |
| 2015\_SN8\_18 | Tropical Atlantic | *S. natans VIII* | MK863850 |
| 2015\_SN8\_19 | Tropical Atlantic | *S. natans VIII* | MK863851 |
| 2015\_SN8\_20 | Tropical Atlantic | *S. natans VIII* | MK863852 |
| 2015\_SN8\_21 | Tropical Atlantic | *S. natans VIII* | MK863853 |
| 2016\_SN8\_22 | Tropical Atlantic | *S. natans VIII* | MK863854 |
| 2016 | 2016\_SN8\_23 | 18.682 | -66.162 | 27.2 | 36.398 | 487.0 | S Sargasso | *S. natans VIII* | MK863855 |
| 2016\_SN8\_24 | 20.093 | -66.653 | 27.1 | 36.38 | 514.0 | S Sargasso | *S. natans VIII* | MK863856 |
| 2016\_SN8\_25 | S Sargasso | *S. natans VIII* | MK863857 |
| 2016\_SN8\_26 | S Sargasso | *S. natans VIII* | MK863858 |
| 2016\_SN8\_27 | S Sargasso | *S. natans VIII* | MK863859 |
| 2016\_SN8\_28 | S Sargasso | *S. natans VIII* | MK863860 |
| 2016\_SN8\_29 | S Sargasso | *S. natans VIII* | MK863861 |
| 2016\_SN8\_30 | S Sargasso | *S. natans VIII* | MK863862 |
| 2016\_SN8\_31 | S Sargasso | *S. natans VIII* | MK863863 |
| 2016\_SN8\_32 | S Sargasso | *S. natans VIII* | MK863864 |
| 2016\_SN8\_33 | S Sargasso | *S. natans VIII* | MK863865 |
| 2016\_SF3\_34 | 21.307 | -67.022 | 27.0 | 36.54 | 496.0 | S Sargasso | *S. fluitans III* | MK863866 |
| 2016\_SF3\_35 | S Sargasso | *S. fluitans III* | MK863867 |
| 2016\_SF3\_36 | S Sargasso | *S. fluitans III* | MK863868 |
| 2016\_SN8\_37 | S Sargasso | *S. natans VIII* | MK863869 |
| 2016\_SF3\_38 | 24.105 | -66.705 | 25.6 | 36.16 | 603.0 | S Sargasso | *S. fluitans III* | MK863870 |
| 2016\_SF3\_39 | S Sargasso | *S. fluitans III* | MK863871 |
| 2016\_SF3\_40 | S Sargasso | *S. fluitans III* | MK863872 |
| 2016\_SF3\_41 | 24.867 | -66.138 | 25.3 | 36.73 | 565.0 | S Sargasso | *S. fluitans III* | MK863873 |
| 2016\_SN8\_43 | S Sargasso | *S. natans VIII* | MK863874 |
| 2016\_SN8\_44 | S Sargasso | *S. natans VIII* | MK863875 |
| 2016\_SF3\_45 | S Sargasso | *S. fluitans III* | MK863876 |
| 2016\_SN8\_46 | S Sargasso | *S. natans VIII* | MK863877 |
| 2016\_SN8\_47 | S Sargasso | *S. natans VIII* | MK863878 |
| 2016\_SN8\_48 | S Sargasso | *S. natans VIII* | MK863879 |
| 2016\_SN8\_49 | S Sargasso | *S. natans VIII* | MK863880 |
| 2016\_SN8\_50 | S Sargasso | *S. natans VIII* | MK863881 |
| 2016\_SN8\_51 | 25.522 | -65.660 | 25.2 | 36.77 | 546.0 | S Sargasso | *S. natans VIII* | MK863882 |
| 2016\_SN8\_52 | 38.940 | -66.615 | 19.6 | 36.07 | 745.6 | Gulf Stream | *S. natans VIII* | MK863883 |
| 2016\_SN8\_53 | Gulf Stream | *S. natans VIII* | MK863884 |
| 2016\_SN8\_54 | Gulf Stream | *S. natans VIII* | MK863885 |
| 2016\_SN8\_55 | Gulf Stream | *S. natans VIII* | MK863886 |
| 2016\_SN8\_56 | Gulf Stream | *S. natans VIII* | MK863887 |
| 2016\_SN8\_58 | Gulf Stream | *S. natans VIII* | MK863888 |
| 2016\_SN8\_59 | Gulf Stream | *S. natans VIII* | MK863889 |
| 2016\_SN8\_60 | Gulf Stream | *S. natans VIII* | MK863890 |
| 2016\_SN8\_61 | Gulf Stream | *S. natans VIII* | MK863891 |
| 2016\_SN8\_62 | Gulf Stream | *S. natans VIII* | MK863892 |
| 2016\_SN8\_63 | Gulf Stream | *S. natans VIII* | MK863893 |
| 2016\_SN8\_64 | Gulf Stream | *S. natans VIII* | MK863894 |
| 2017 | 2017\_SF3\_65 | 26.347 | -78.820 | 25.9 | 36.57 | 555.4 | Gulf Stream | *S. fluitans III* | MK863895 |
| 2017\_SF3\_67 | 27.978 | -78.778 | 25.3 | 36.65 | 671.9 | Gulf Stream | *S. fluitans III* | MK863896 |
| 2017\_SF3\_68 | Gulf Stream | *S. fluitans III* | MK863897 |
| 2017\_SF3\_69 | Gulf Stream | *S. fluitans III* | MK863898 |
| 2017\_SF3\_70 | 28.052 | -78.143 | 25.4 | 36.61 | 702.3 | Gulf Stream | *S. fluitans III* | MK863899 |
| 2017\_SF3\_71 | 27.760 | -76.562 | 25.2 | 36.62 | 730.2 | S Sargasso | *S. fluitans III* | MK863900 |
| 2017\_SF3\_72 | S Sargasso | *S. fluitans III* | MK863901 |
| 2017\_SF3\_73 | S Sargasso | *S. fluitans III* | MK863902 |
| 2017\_SF3\_74 | 27.808 | -75.692 | 23.6 | 36.88 | 705.8 | S Sargasso | *S. fluitans III* | MK863903 |
| 2017\_SF3\_75 | S Sargasso | *S. fluitans III* | MK863904 |
| 2017\_SF3\_76 | S Sargasso | *S. fluitans III* | MK863905 |
| 2017\_SF3\_77 | S Sargasso | *S. fluitans III* | MK863906 |
| 2017\_SF3\_78 | 27.683 | -73.635 | 23.8 | 36.90 | 622.7 | S Sargasso | *S. fluitans III* | MK863907 |
| 2017\_SF3\_79 | 27.812 | -71.663 | 23.8 | 36.92 | 627.3 | S Sargasso | *S. fluitans III* | MK863908 |
| 2017\_SF3\_80 | S Sargasso | *S. fluitans III* | MK863909 |
| 2017\_SF3\_81 | S Sargasso | *S. fluitans III* | MK863910 |
| 2017\_SF3\_82 | 27.812 | -71.520 | 23.7 | 36.92 | 626.6 | S Sargasso | *S. fluitans III* | MK863911 |
| 2017\_SF3\_86 | 27.967 | -70.475 | 23.8 | 36.92 | 625.7 | S Sargasso | *S. fluitans III* | MK863912 |
| 2017\_SF3\_87 | S Sargasso | *S. fluitans III* | MK863913 |
| 2017\_SF3\_88 | S Sargasso | *S. fluitans III* | MK863914 |
| 2017\_SF3\_89 | S Sargasso | *S. fluitans III* | MK863915 |
| 2017\_SF3\_91 | 26.522 | -70.555 | 24.5 | 36.86 | 626.8 | S Sargasso | *S. fluitans III* | MK863916 |
| 2017\_SF3\_92 | S Sargasso | *S. fluitans III* | MK863917 |
| 2017\_SF3\_93 | 27.222 | -70.125 | 24.1 | 36.92 | 581.1 | S Sargasso | *S. fluitans III* | MK863918 |
| 2017\_SF3\_94 | S Sargasso | *S. fluitans III* | MK863919 |
| 2017\_SF3\_95 | S Sargasso | *S. fluitans III* | MK863920 |
| 2017\_SF3\_96 | 28.317 | -69.278 | 23.9 | 36.92 | 814.8 | S Sargasso | *S. fluitans III* | MK863921 |
| 2017\_SF3\_98 | 28.705 | -68.843 | 23.8 | 36.95 | 574.3 | S Sargasso | *S. fluitans III* | MK863922 |
| 2017\_SF3\_99 | S Sargasso | *S. fluitans III* | MK863923 |
| 2017\_SF3\_100 | S Sargasso | *S. fluitans III* | MK863924 |
| 2017\_SF3\_101 | S Sargasso | *S. fluitans III* | MK863925 |
| 2017\_SF3\_102 | S Sargasso | *S. fluitans III* | MK863926 |
| 2017\_SF3\_103 | S Sargasso | *S. fluitans III* | MK863927 |
| 2017\_SF3\_104 | S Sargasso | *S. fluitans III* | MK863928 |
| 2017\_SF3\_105 | S Sargasso | *S. fluitans III* | MK863929 |
| 2017\_SF3\_106 | 29.055 | -67.105 | 23.6 | 36.95 | 630.6 | S Sargasso | *S. fluitans III* | MK863930 |
| 2017\_SF3\_107 | S Sargasso | *S. fluitans III* | MK863931 |
| 2017\_SF3\_108 | S Sargasso | *S. fluitans III* | MK863932 |
| 2017\_SF3\_109 | 29.455 | -65.758 | 23.9 | 36.89 | 582.2 | S Sargasso | *S. fluitans III* | MK863933 |
| 2017\_SF3\_110 | S Sargasso | *S. fluitans III* | MK863934 |
| 2017\_SF3\_111 | S Sargasso | *S. fluitans III* | MK863935 |
| 2017\_SF3\_112 | 32.535 | -64.605 | 22.5 | 36.85 | 598.0 | N Sargasso | *S. fluitans III* | MK863936 |
| 2017\_SF3\_113 | 34.183 | -66.410 | 22.2 | 36.73 | 598.3 | N Sargasso | *S. fluitans III* | MK863937 |
| 2017\_SN8\_115 | 34.983 | -66.125 | 21.4 | 36.74 | 595.2 | N Sargasso | *S. natans VIII* | MK863938 |
| 2017\_SN8\_116 | 34.862 | -67.602 | 21.0 | 36.67 | 576.6 | N Sargasso | *S. natans VIII* | MK863939 |
| 2017\_SN8\_117 | N Sargasso | *S. natans VIII* | MK863940 |
| 2018 | 2018\_SN8\_119 | 20.772 | -69.812 | 25.50 | 36.97 | 752.90 | S Sargasso | *S. natans VIII* | MK863941 |
| 2018\_SF3\_120 | S Sargasso | *S. fluitans III* | MK863942 |
| 2018\_SF3\_121 | S Sargasso | *S. natans VIII* | MK863943 |
| 2018\_SF3\_122 | S Sargasso | *S. fluitans III* | MK863944 |
| 2018\_SN8\_123 | S Sargasso | *S. natans VIII* | MK863945 |
| 2018\_SN8\_124 | S Sargasso | *S. natans VIII* | MK863946 |
| 2018\_SN8\_125 | 19.290 | -74.137 | 26.6 | 35.38 | 715.0 | Caribbean  | *S. natans VIII* | MK863947 |
| 2018\_SN8\_126 | 25.897 | -75.618 | 25.7 | 36.71 | 744.0 | S Sargasso | *S. natans VIII* | MK863948 |
| 2018\_SN8\_127 | 24.832 | -74.762 | 26.2 | 36.61 | 698.9 | S Sargasso | *S. natans VIII* | MK863949 |
| 2018\_SF3\_128 | S Sargasso | *S. fluitans III* | MK863950 |
| 2018\_SN8\_129 | S Sargasso | *S. natans VIII* | MK863951 |
| 2018\_SN8\_130 | 24.555 | -74.800 | 26.4 | 36.47 | 662.6 | S Sargasso | *S. natans VIII* | MK863952 |
| 2018\_SN8\_131 | 24.368 | -74.905 | 26.3 | 36.52 | 620.6 | S Sargasso | *S. natans VIII* | MK863953 |
| 2018\_SF3\_132 | 25.927 | -73.780 | 25.4 | 36.64 | 579.1 | S Sargasso | *S. fluitans III* | MK863954 |
| 2018\_SF3\_133 | 25.860 | -72.462 | 25.0 | 36.65 | 630.4 | S Sargasso | *S. fluitans III* | MK863955 |
| 2018\_SF3\_134 | S Sargasso | *S. fluitans III* | MK863956 |
| 2018\_SF3\_138 | 25.938 | -71.832 | 24.6 | 36.75 | 636.8 | S Sargasso | *S. fluitans III* | MK863957 |
| 2018\_SN8\_139 | 25.992 | -70.937 | 24.8 | 36.75 | 625.8 | S Sargasso | *S. natans VIII* | MK863958 |
| 2018\_SF3\_140 | 26.232 | -69.033 | 25.4 | 36.59 | 579.7 | S Sargasso | *S. fluitans III* | MK863959 |
| 2018\_SF3\_141 | 26.488 | -68.088 | 25.9 | 36.66 | 525.6 | S Sargasso | *S. fluitans III* | MK863960 |
| 2018\_SN8\_142 | 26.958 | -65.220 | 25.4 | 36.84 | 534.1 | S Sargasso | *S. natans VIII* | MK863961 |
| 2018\_SF3\_143 | 26.840 | -62.775 | 24.9 | 36.83 | 538.0 | S Sargasso | *S. fluitans III* | MK863962 |
| 2018\_SF3\_144 | 26.290 | -62.775 | 25.0 | 36.86 | 547.5 | S Sargasso | *S. fluitans III* | MK863963 |
| 2018\_SF3\_145 | S Sargasso | *S. fluitans III* | MK863964 |
| 2018\_SF3\_146 | S Sargasso | *S. fluitans III* | MK863965 |
| 2018\_SF3\_147 | 28.582 | -63.365 | 23.8 | 36.80 | 546.1 | S Sargasso | *S. fluitans III* | MK863966 |
| 2018\_SF3\_148 | 30.143 | -63.842 | 23.1 | 36.83 | 565.6 | N Sargasso | *S. fluitans III* | MK863967 |
| 2018\_SF3\_149 | 31.387 | -64.155 | 22.6 | 36.27 | 585.4 | N Sargasso | *S. fluitans III* | MK863968 |
| 2018\_SF3\_151 | N Sargasso | *S. fluitans III* | MK863969 |
| 2018\_SF3\_152 | N Sargasso | *S. fluitans III* | MK863970 |
| 2018\_SF3\_153 | 32.502 | -64.573 | 23.0 | 36.10 | 683.1 | N Sargasso | *S. fluitans III* | MK863971 |
| 2018\_SF3\_154 | N Sargasso | *S. fluitans III* | MK863972 |