**Table S2.** Growth parameters of *N. oceanica* CCMP1779 in f/2 medium using different supplements. V= f/2 Vitamine mix, Gl = Glucose, Fr=Fructose, curves have been determined in triplicates based on cell density and fitted to a sigmoidal logistic function type 1 individually using OriginPro software (y=a/1+exp(-k\*(x\*xc))). Parameters a (Amplitude, here: max. cell density in cell/ml), xc (time of ½a in d) and k (coefficient, intrinsic growth rate d-1) are arithmetic means with standard deviation.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **f/2** |  | **f/2+V** |  | **f/2+Gl** |  | **f/2+Fr** |  |
| a | 6.3E7 | +/-8.5E6 | 6.4E7 | +/-8.3E6 | 8.7E+07 | +/-1.7E7 | 1.5E8 | +/-7.4E6 |
| xc | 13.65 | +/-1.50 | 11.47 | +/-0.79 | 11.01 | +/-0.90 | 12.86 | +/-0.12 |
| k | 0.66 | +/-0.17 | 0.63 | +/-0.15 | 0.61 | +/-0.07 | 0.45 | +/-0.01 |