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| **Kottmeier et al PNAS 2020. Data folder contents** | |
| File | Description |
| Figs 1,2,4,5,S10.xls | Excel sheets:  Fig 1: PIC, POC production, growth rates  Calculation of H+ budgets.  Fig. 2: Counts of SEM coccolith morphology  Fig4a: Acclimation intracellular pH values  Fig 4b: Intracellular pH changes with seawater pH shifts  Fig 4e: Intracellular [H+] changes with seawater pH shifts  Fig 4: c,d: Individual traces of intracellular pH with seawater pH shifts.  Fig 5a: ZnCl2 effects on growth rate  Fig. 5c: Coccolith morphology counts with ZnCl2.  Fig. S10a: 2GBI effects on growth rate  Fig. S10b: 2GBI effects on coccolith morphology |
| Figure 3 C.pelagdifferentpHs01new.xls  Figure 3.pdf  Figure 3.JNB  Figure 3 IV curve different pH  Figure 3 IV curve different pH01.jnb  Figure 3 IV curve different pH0116072021.jnb  Figure 3 IV curve different pH7.55 No H currents.pdf  Figure 3 PELAG 182 tail.xls  Figure 3 Tail current 2N.JNB  Figure 3 Tail current 2N.pdf  Figure 3 Tail current.JNB  Figure 3 Tail current.pdf | Excel sheets: I/V curves at different pH values.  -I/V plots from Excel sheets  -Sigmaplot data file  -I/V plots from Excel sheets  -Sigmaplot data file  -Sigmaplot data file  -Plots of zero current traces  -Tail current data  -Sigmaplot data tail current  -Tail current plot from Excel sheet  -Sigmaplot data tail current  -Tail current plot from Excel sheet |
| Figure S6 data.xls | -Gene expression data for HV1 and Hv2 |
| Fig. S8,S9 Effect of 15uM2GBI01.xls  Fig. S8,S9 15 uM2GBI.pdf  Fig. S8,S9 15 uM2GBI.JNB  Fig. S8,S9 15uM2GBINew.pdf  Fig. S8,S9 15uM2GBINewNew.pdf  Fig. S8,S9 15uM2GBINewNewJNB.JNB | Excel sheets:  -15 uM 2GBI effects on H+ currents.  -15 uM 2GBI effects on outward Cl- current  -Controls  Current plots of effect of 2GBI  Sigmaplot data 2GBI  Current plots  Current plots  Sigmaplot data 2GBI  Sigmaplot data 2GBI |
| Fig. S8 Effect of ZnCl2 on Cl current.xls  Fig. S8 Effect of ZnCl2 & GBI on Cl current.pdf  Fig. S8 Effect of ZnCl2 & 2GBI on Cl current 01.pdf  Fig. S8 Effect of ZnCl2 & GBI on Cl current01.JNB  Fig. S8 Effect of ZnCl on Cl current01.pdf  Fig. S8 Effect of ZnCl on Cl current01.JNB | Excel sheets:  -I/V data. Effect of ZnCl2 on inward current  -I/V controls  Current traces of Cl current in presence of Zn or 2GBI  Current traces in presence of Zn or 2GBI  Sigmaplot data for Zn and 2GBI  Current traces of Cl currents in presence of Zn  Sigmaplot data for ZnCl2 effects |