pCO2 histories within their matched conditions 1.0 0.6 0.6 **MEcyan** 0.3 0.2 MEgreenyellow 0.9 3,clstr2 **MEpink** 0.1 8.0 0.2 0.1 0.6 0.2 MEmagenta 0.4 0.6 **MEblue** 8.0 0.2 0.6 0.5 **MEsalmon** 0.2 0.4 0.6 MElightgreen 0.9 0.1 0.1 **MEgreen** 4,clstr3 gene_cor 0.3 0.2 MEgrey60 0.5 MEtan 0.2 0.3 MElightcyan 0 0.3 0.5 0.1 2, clstr11, clstr11, clstr2 -0.5 0.3 8.0 0.4 **MEturquoise** 0.3 0.1 8.0 **MEred** 0.5 0.2 MEmidnightblue 0.2 0.0 **MEpurple** 0.1 0.2 0.1 8.0 **MEyellow MEbrown** 0.3 0.4 **MEblack** 0.6 High Po≪ Moderate