Symbiont-host coral model. Cycle-free versions of graph for the auxiliary variables. Yellow: auxiliary variables that when buffered interrupt all cycles in the graph. Do not show redundant solutions (that just add buffers to ready solutions with less buffers). Number of buffers: 0 Number of buffers: 1 Number of buffers: 2 r_{CH} **ј**на c_{ROS} $\rho_{\mathcal{C}}$ **j**npq ρ_N јср **j**eL İsg јеС r_{CS} **j**co₂ r_{CH} **ј**на $\rho_{\mathcal{C}}$ **j**_{NPQ} ρ_N **ј**ср **j**sa **j**eC r_{CS} **İ**co₂ r_{CH} CROS $\rho_{\mathcal{C}}$ ρ_N **ј**ср јеС r_{CS} **j**co₂ r_{CH} **ј**на c_{ROS} ρc ρ_N ĴСР **j**eL İsg **j**eC r_{CS} Number of buffers: 3 r_{CH} **ј**на CROS ρ_{C} jnpq ρ_N **ј**ср **j**sg **j**eC **ј**на c_{ROS} **j**npq ρ_N ĴСР İsg **j**co₂ **ј**на **c**_{ROS} İ_{NPQ} ρ_N **ј**ср **j**sa rcs **j**co₂ **ј**на **C**ROS **ј**npq ρ_N **j**sa **j**eC **j**co₂ Number of buffers: 4 r_{CH} jнG İ_{NPQ} **ј**ср **j**eC **j**sg r_{CS} **j**co₂ r_{CH} **ј**на **C**ROS $\rho_{\mathcal{C}}$ **ј**npq ρ_N **ј**ср **j**sg **j**eC r_{CS} **j**co₂ r_{CH} **ј**на c_{ROS} $\rho_{\mathcal{C}}$ **j**npq ĴсР **j**sg **j**eC r_{CS} **j**co₂ r_{CH} **ј**на $\rho_{\mathcal{C}}$ j_{npq} ρ_N **ј**ср **j**eC rcs **j**co₂ r_{CH} **ј**на CROS ρς **j**npq ρ_N **ј**ср **j**sg **j**eC r_{CS} **j**co₂ r_{CH} CROS ρς **j**npq ρ_N ĴсР **j**eL İsg јеС r_{CS} **j**co₂ r_{CH} **ј**на CROS $\rho_{\mathcal{C}}$ İ_{NPQ} ρ_N **ј**ср **j**sg **j**eC rcs r_{CH} **ј**на CROS $\rho_{\mathcal{C}}$ jnpq ρ_N **ј**ср **j**sg r_{CS} *İco₂* r_{CH} **ј**на

CROS $\rho_{\mathcal{C}}$ **j**npQ ρ_N **ј**ср **j**eL **j**sg **j**eC r_{CS} **j**co₂ **ј**на CROS ρς **j**npq ρ_N **ј**ср **j**sa **j**co₂ r_{CH} **ј**на **c**_{ROS} **j**npq ρ_N **j**sa **j**eC rcs **j**co₂ r_{CH} **ј**на CROS **j**npq ρ_N **ј**ср **j**sg јеС r_{CS} **j**co₂ Number of buffers: 5 r_{CH} **ј**на **c**_{ROS} $\rho_{\mathcal{C}}$ **j**npq ρ_N **ј**ср **j**sg **j**eC r_{CS} **j**co₂ r_{CH} **ј**на ρς **j**npq ρ_N ĴсР **j**eL İsg **j**eC **j**co₂ r_{CH} **ј**на $\rho_{\mathcal{C}}$ İ_{NPQ} **ј**ср

r_{CS}

јср

 $\rho_{\mathcal{C}}$

 ρ_N

Number of buffers: 6 Number of buffers: 7