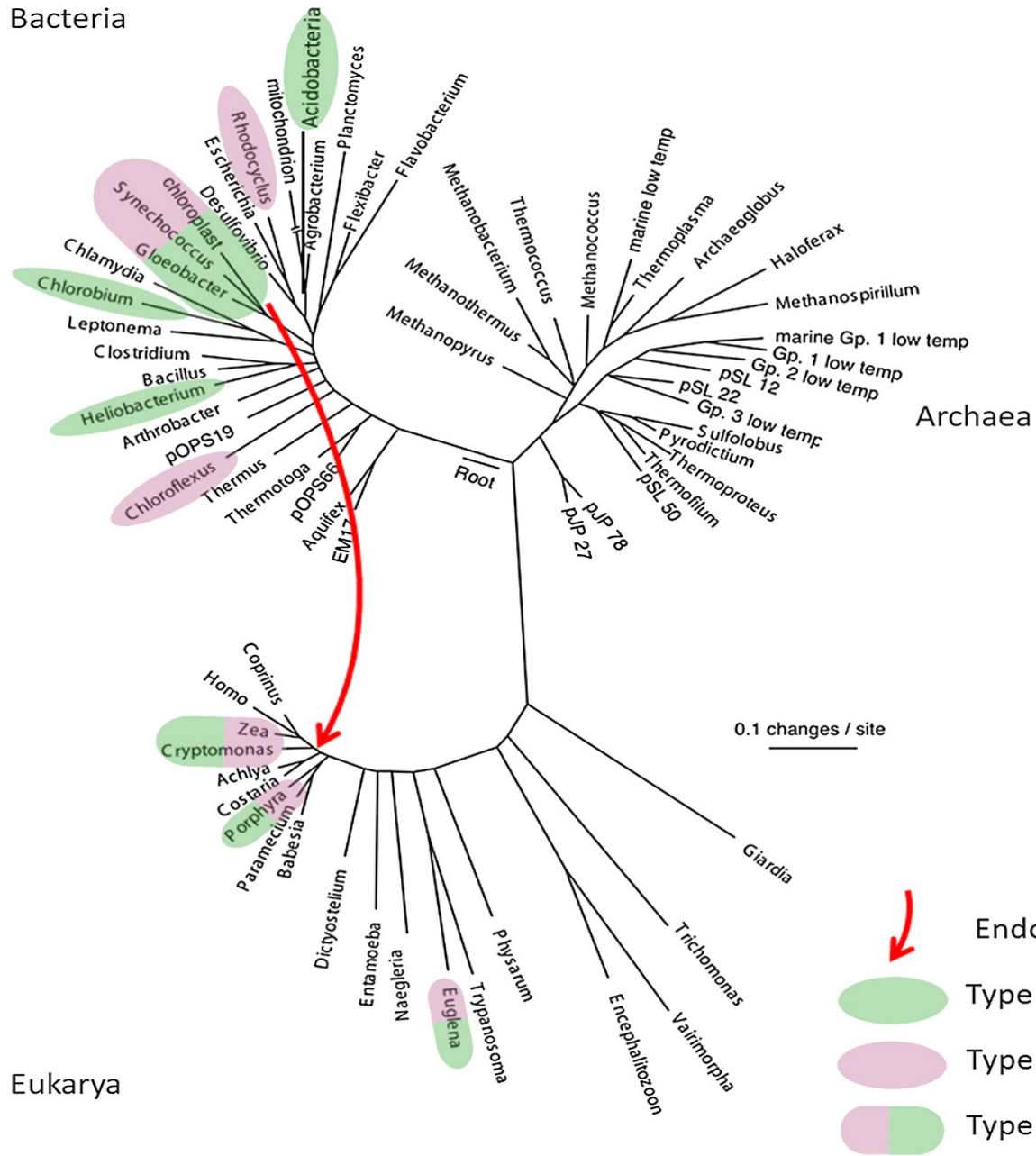


Bacteria



Eukarya

PHYLOGENETIC TREE HIGHLIGHTING REACTION CENTER PS II IN PINK AND PS I IN GREEN.

- Without oxygenic photosynthesis, life on Earth would be very different.
- Photosynthesis does not mean the antennae pigments are green.
- Efficiently processing light is essential for the absorption and reflection of color.
- Would stars emitting different light have different hues of primary producers and antennae molecules?
- A seemingly insignificant incident like ancient endosymbiosis of cyanobacteria has proved to be one of Earth's most momentous occasions.

