

The membrane-bound purple bacterial photosystem

Purple bacterial photosynthetic membrane vesicles
**The purple non-sulphur bacteria are not just purple.** The picture shows how different strains and growth conditions can affect color (pigmentation) of the purple non-sulphur bacterium *Rhodobacter capsulatus*. Also included is the bacterium *Rhodopseudomonas palustris*. Cultures were grown in test tubes, and placed in a plastic rack for photography. From left to right: *R. capsulatus* strains SB1003 (aerobic), SB1003 (anaerobic), DE442 (aerobic), SB1003-Ph6 (anaerobic, unknown mutation), SB1003-Ph4 (aerobic, unknown mutation) and *R. palustris* strain CGA001 (anaerobic).