

Fig. S1 Normalized absorption spectrum of β -carotene in acetone at room temperature.

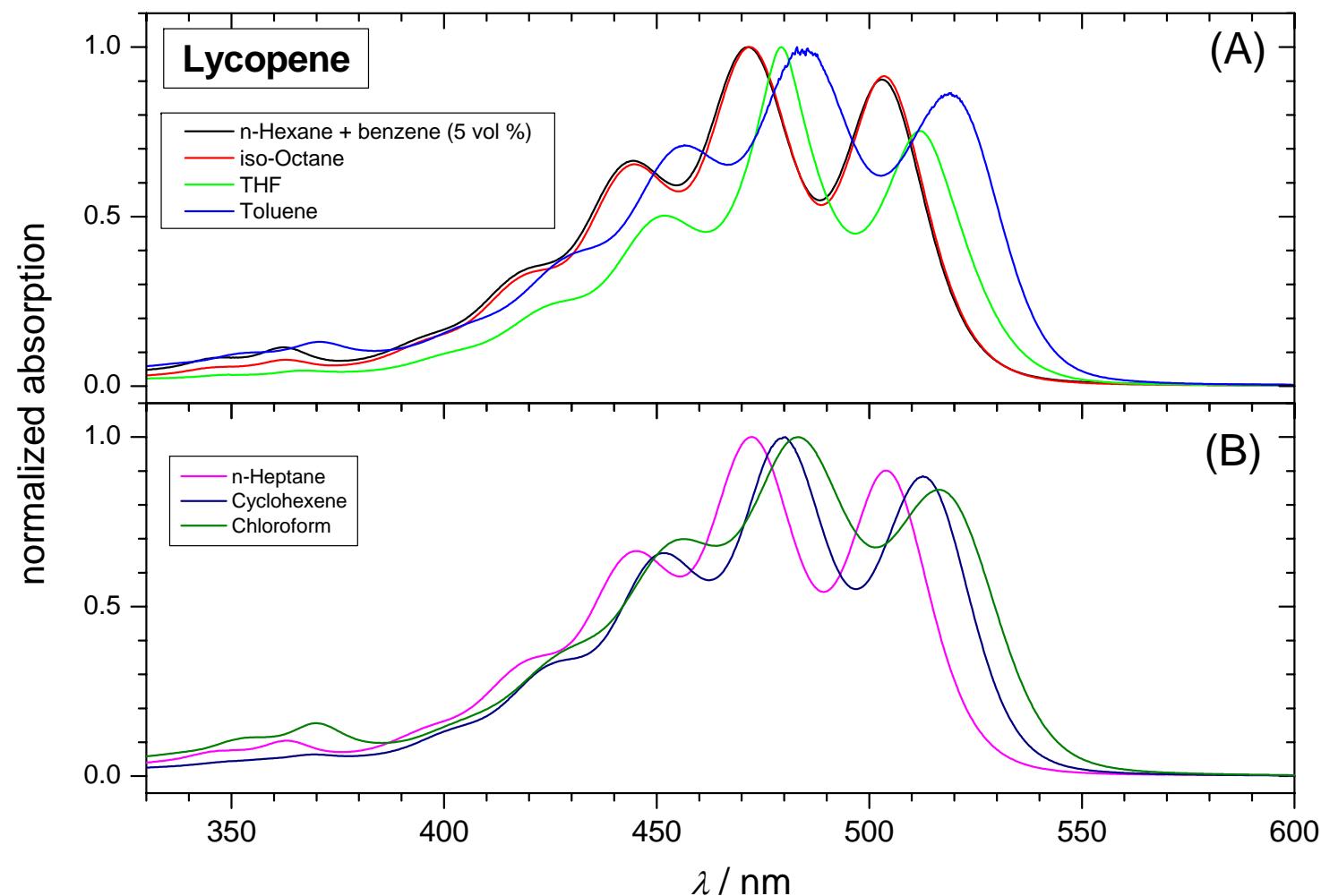


Fig. S2 Normalized absorption spectra of lycopene in various organic solvents at room temperature.

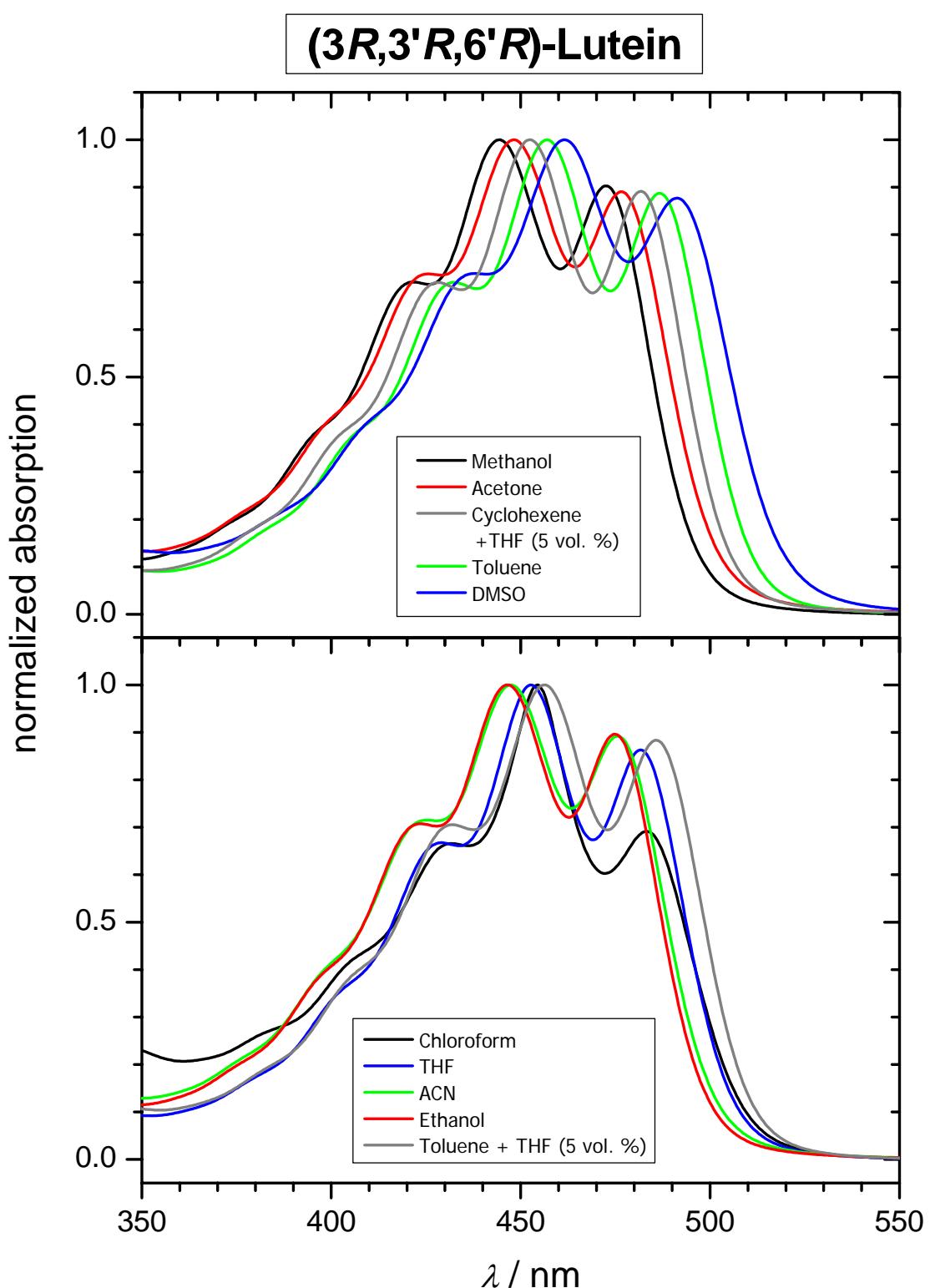


Fig. S3 Normalized absorption spectra of (3*R*,3'*R*,6'*R*)-lutein in various organic solvents at room temperature.

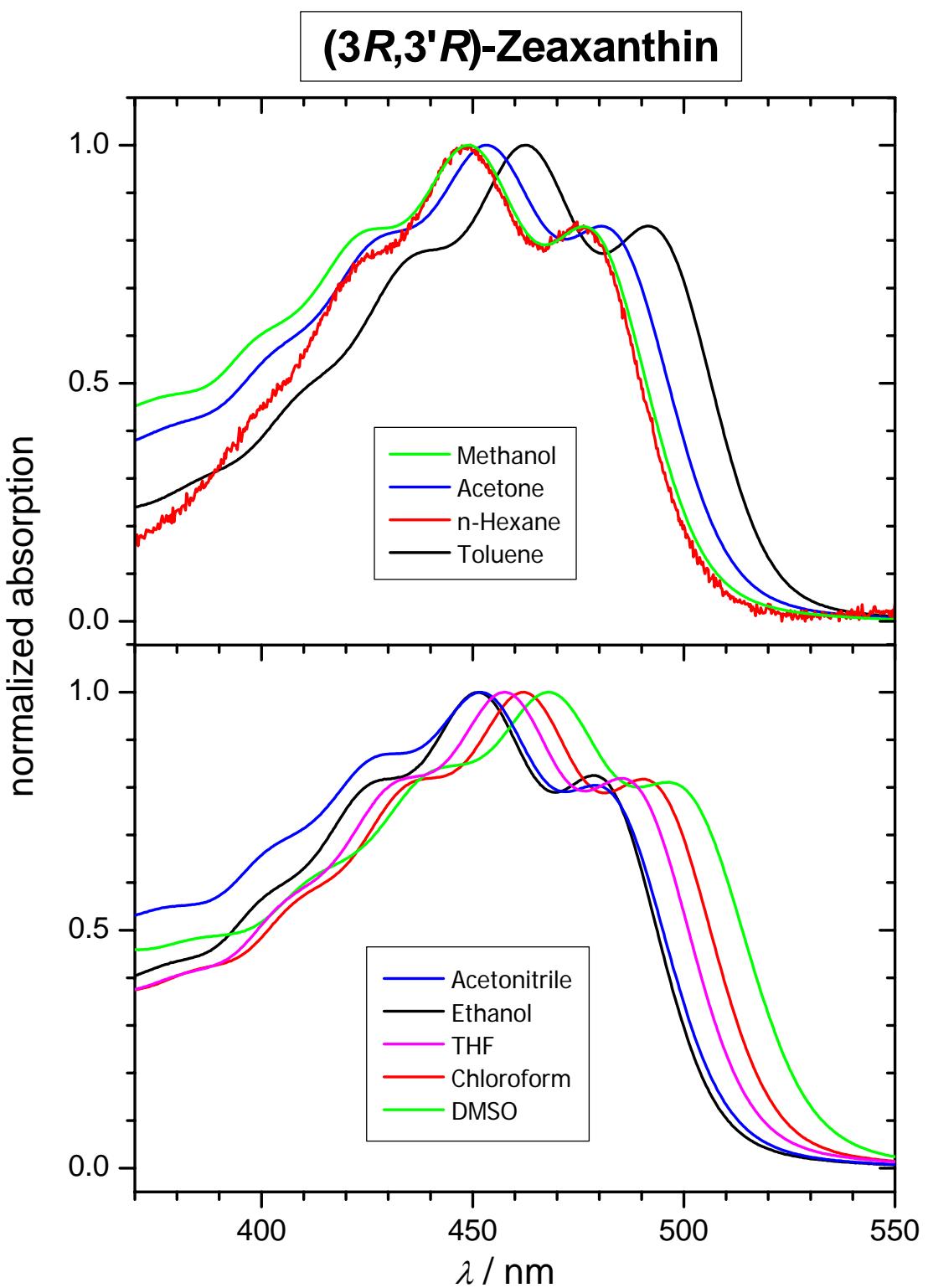


Fig. S4 Normalized absorption spectra of (3*R*,3'*R*)-zeaxanthin in various organic solvents at room temperature.

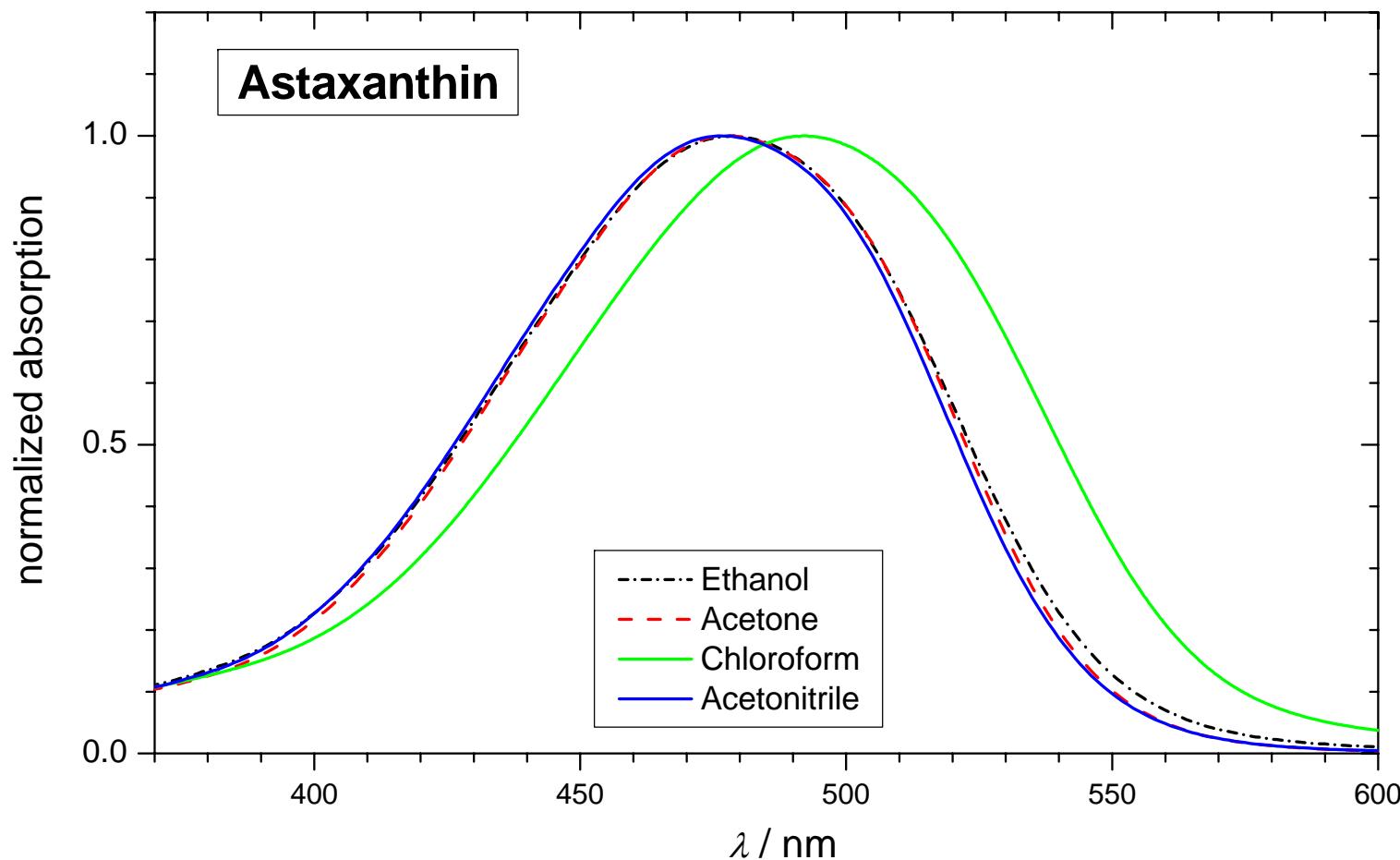


Fig. S5 Normalized absorption spectra of astaxanthin in various organic solvents at room temperature (see also Fig. 8(C) for other solvents in the text).