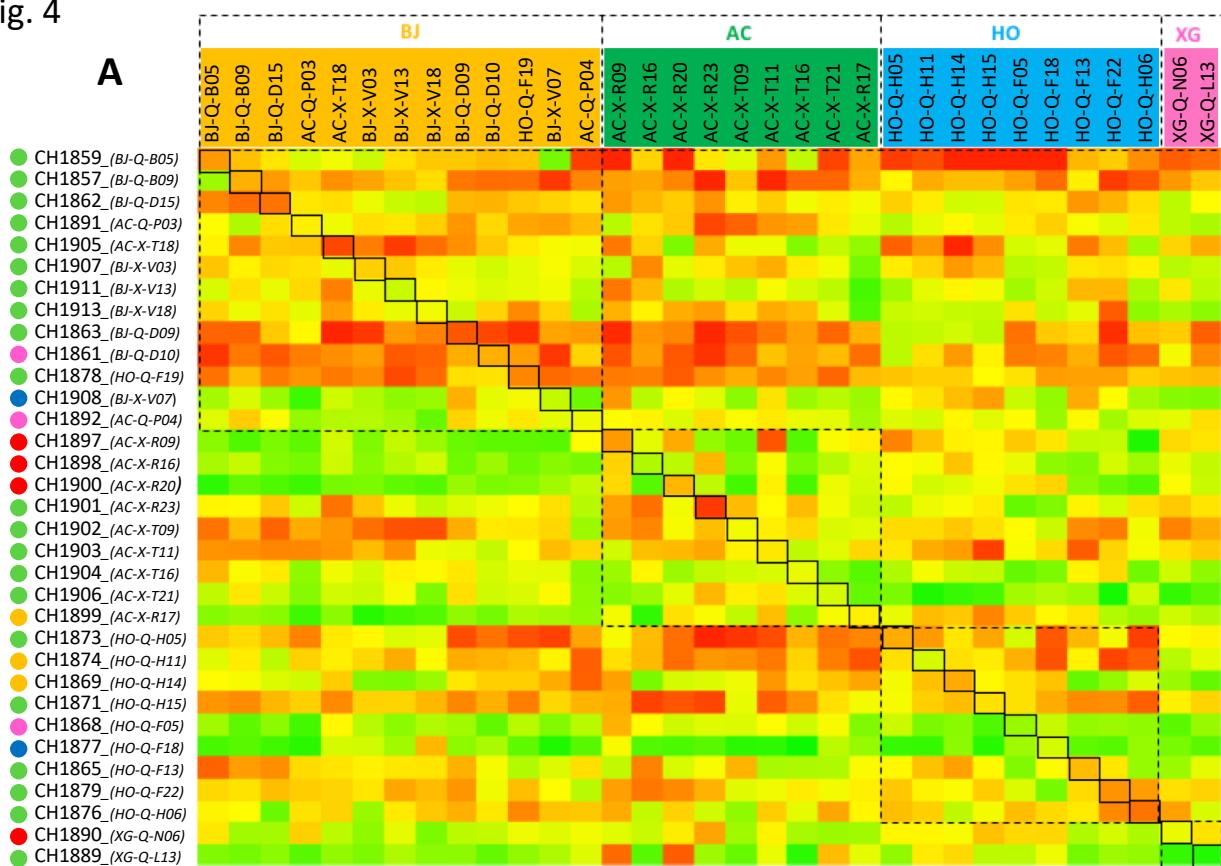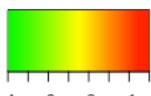Ali et al. Fig. 4