



**Figure S3** Examples of nuclear staining (DAPI) of parents and fusants. Four parents, W43a, OD8916 $\alpha$ , AU90a, W17 $\alpha$ , and their fusants W43a x OD8916 $\alpha$ , AU90a x OD8916 $\alpha$  and AU90a x W17 $\alpha$  are shown. The photographic images were generated by combining fluorescent images and bright field images.