



**Figure S4. Pairwise comparison of the mutants with their wild-type controls.** All mutant/wild-type pairs (different colours) are represented in the common PCA space. Continuous ellipses correspond to confidence region (semi-axes corresponding to 20% of the standard deviation) of wild-type sepals marked by dots, while dashed ellipses correspond to confidence regions of mutant sepals marked by stars. Confident ellipses have semi-axis of twice the standard deviation.