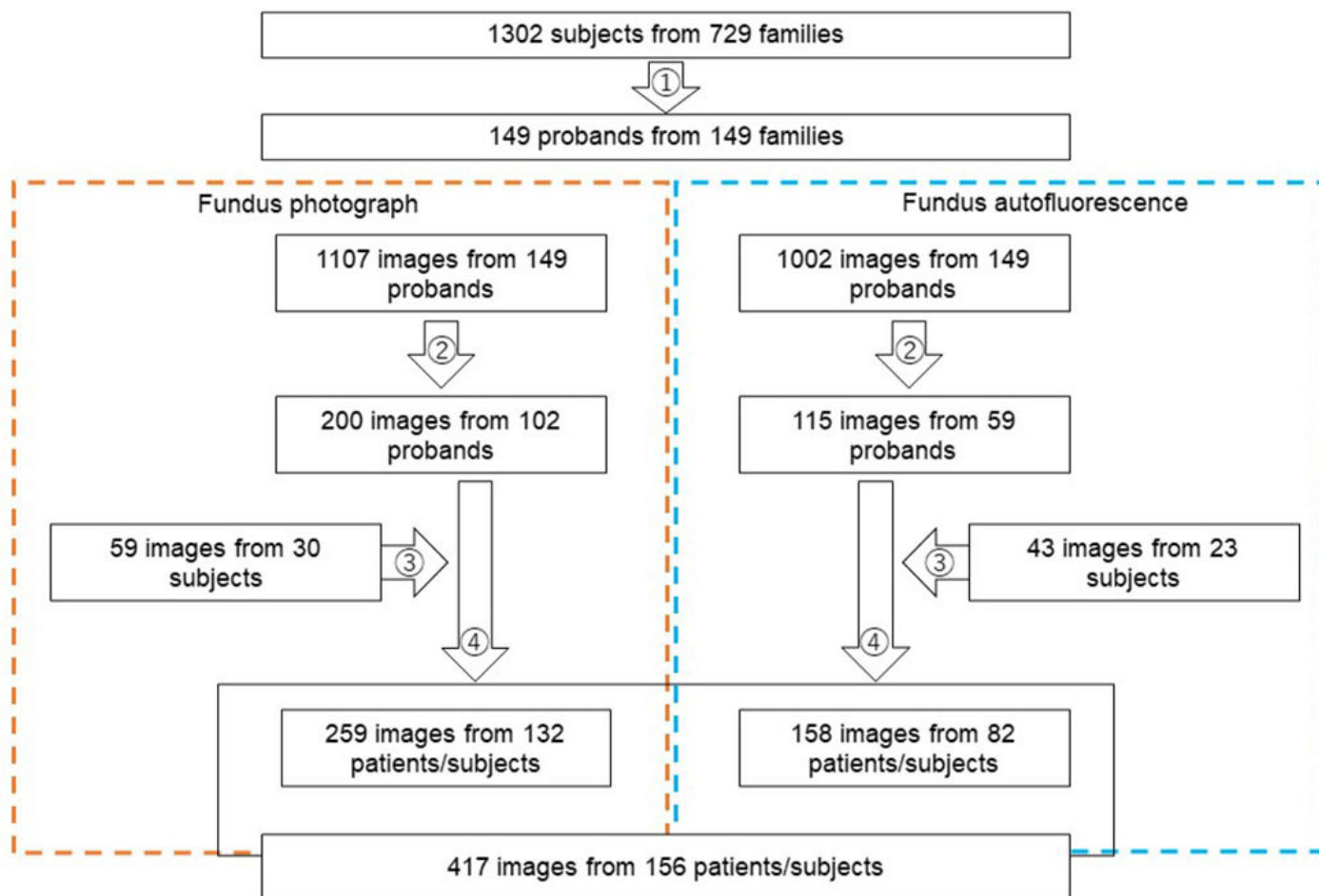


## Supplemental Figure 2: The detailed filtration/selection flow of the examined images



The filtration/selection process include ① selecting three genes (*ABCA4*, *EYS*, *RP11L1*) based on the disease prevalence, ② selecting one image from one eye by an expert, ③ selecting normal images by an expert (excluding images with inadequate dataset/quality), and ④ fixing the dataset for machine learning.