



Figure 2 Scheme for EM specimen preparation of yeast *S. pombe* cells

(a) Aluminum carrier (0.05 mm/0.25 mm) for loading yeast cell pellet, then cap with a 3 mm x 0.16 mm sapphire discs for high pressure freezing; (b) Sketch of capping the sapphire disc on the 0.05 mm side of aluminum carrier; (d) Customized 3.05 mm x 0.66 mm specimen holder with a step for loading the capped specimen on Leica HPM 100 or ICE high pressure freezing machine; (e) Customized 3.05 mm x 0.66 mm specimen holder with a step for loading the capped specimen on a Wohlwend HPF compact 01/02/03 high pressure freezing machine.