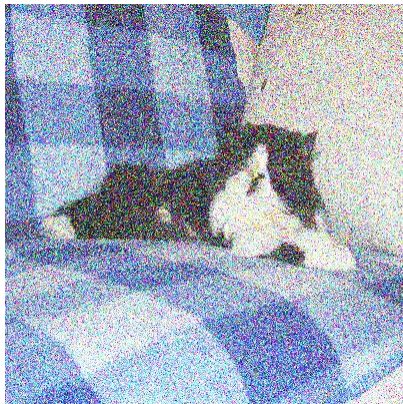




a: Baseline
 Δ_d : 1788 L2: 20.59

b: $\rho = 0.5$, Grayscale
 Δ_d : 1792 L2: 16.74

c: $\rho = 0.5$, Gray, DS
 Δ_d : 1766 L2: 14.98



d: NES
 Δ_d : 1774 L2: 18.05

e: PSO
 Δ_d : 2575 L2: 203.44

f: Target Image

Figure 5: Comparison between the best PhotoDNA Targeted-Second-Preimage collisions generated using various attack variants.