



Figure S4: The histomorphological analysis of bull testicular tissues at three months and three years ages were observed under microscope at $\times 100$, $\times 200$, and $\times 400$ magnifications. Bars = 100 μm . The segments (a), (c) and (e) represent the morphology of 3-month-old testes, whereas (b) (d), and (f) represents the morphology of 3 years bulls. The red arrows indicate different cells types. 1: spermatogonia, 2: Leydig cells, 3: Sertoli cells, 4: spermatocytes, 5: round spermatids, 6: elongated spermatids, 7: sperm.