



**Supplement Fig. 2.** Intracavernous pressure (ICP) and arterial pressure charts during red-light irradiation with penis. ICP (blue line) and arterial pressure (red line) chart during 630–690 nm light (115 mW) irradiation at a distance of 2 cm from penis in intact 12 weeks-old rats. Before the light irradiation, 100  $\mu$ L ( $10^{-4}$  M) NORD-1 was injected into penis. Light irradiation period is indicated by the red background.