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459 **Figure 6.** Neurotrophic tyrosine receptor kinase-2 (NTRK2) immunostaining in breeding (A–D) and
 460 nonbreeding (F–I) stallion testes. The Leydig cells were stained with NTRK2 antibody, but no Sertoli or germ
 461 cells were stained in the breeding season (A–D). In the non-breeding season, the localization was identified in
 462 the cytoplasm of Leydig cells and at different stages of spermatogenesis (F–I). The normal rabbit IgG stained
 463 with the same concentration as NTRK2 showed no immunolocalization in any type of testes cells (E and J).
 464 The regions (C and H) enclosed by white broken-line boxes were expanded (D and I) respectively. Red
 465 arrowheads, NTRK2-positive germ cells, yellow arrowheads, NTRK2-positive Leydig cells, green arrowheads,
 466 NTRK2-positive primary spermatocytes, purple arrowheads, NTRK2-positive secondary spermatocytes. Scale
 467 bar = 25 μ m

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ACCEPTED