

Across

2. benign disease of the prostate gland
3. stage of gametogenesis when gene cross-overs/recombinations can occur (I)
8. testicular binding protein
9. penis characteristic of dogs
11. muscle involved in testicular thermoregulation
12. Cowper's gland
13. spermatogenic tubule
15. sperm + seminal plasma
16. failure of testicular descent
19. steroidogenic product of Sertoli cells
21. calcium deposit of the prostate gland
26. steroid hormone (upon receptor activation) that stimulates growth of the prostate gland
29. metamorphic phase of spermatogenesis
31. deferens cut/ligated for sterilization
32. most immature (2N) sperm cells
33. sperm-collecting/duct system of the testis
34. site of sperm cell storage for ejaculation
35. LH-responsive testicular cells

Down

1. penis characteristic of ruminants
2. function of seminal plasma that protects sperm cells against the acidic environment of the vagina
3. segment (piece) of sperm tail containing mitochondria
4. phase of spermatogenesis when mitosis occurs
5. energy source constituent of seminal plasma
6. FSH inhibitor secreted by Sertoli cells
7. release of spermatozoa from the seminiferous epithelium
8. connective tissue cortex of the testis (tunica)
10. dorsal vascular sinuses of the human penis (corpora)
14. 1N predecessor of a spermatozoon
17. farm animal with the most concentrated ejaculate
18. contains fertilizing enzymes (sperm cap)
20. gland that contributes to vaginal plug formation in rodents
22. droplet removed from spermatozoa during transit through the epididymis
23. vascular compartment of the testis
24. vascular plexus of the spermatic cord
25. body phagocytized by Sertoli cells
27. GnRH tonic center (nucleus)
28. spermatocyte produced by meiosis I
30. microtubular/fibril core of the sperm tail; imparts motility
32. cells comprising the blood-testis barrier