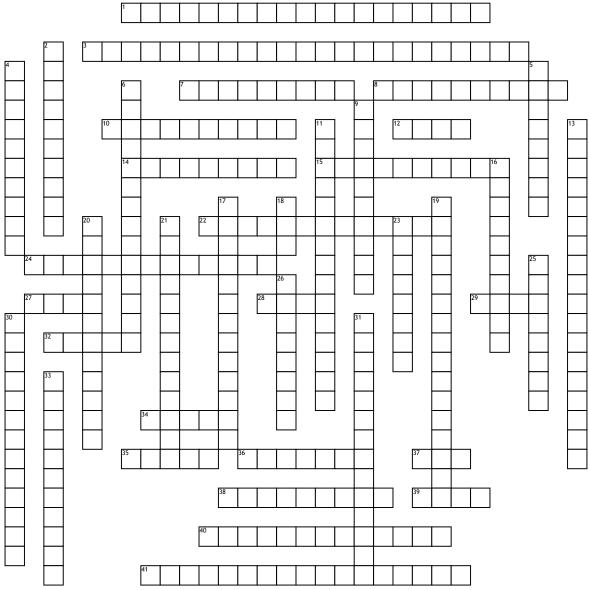
Name:	Date:
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Streptococcus Species



		
Across	34streptococci are typically non-pathogenic	16 is one step to confirm the identity of a
1 causes pathogenesis to	colonizers of the human nasopharynx.	pneumococcal isolate.
humans only.	35. The is associated with the binding of	17 is an effector that causes the
3. Commonly colonizes human nasopharynx	pneumococci to cells.	degradation of fibrin clots in the presence of GAS.
7. The first pneumococcal vaccine was	36 methods have provided knowledge towards	18. The polysaccharide capsule is specified by the
licensed in 2000.	the biology and epidemiology of bacterial pathogens.	locus.
8. Serotype replacement, capsular switching, and HGT	37. The gene was one of the first DNA targets used	19. GAS can be carried
are all causes of resistance genes.	for the detection of pneumococci.	20. The most common pathogen
10. Pneumococci can incorporate exogenous DNA into the	38. methods are important in pneumococcal epidemiology.	21. The development of resistance to commonly used
genome by recombination.		makes it hard to treat pneumococcal infections
12. A molecular method that distinguishes strains based on	39. The gene is a major pneumococcal autolysin.	23. The pilus stimulates proinflammatory
the digestion of their genomic DNA.	 Breaks down the hyaluronic acid component of connective tissue in mammals. 	production.
14. Obtaining is difficult in GAS colonization.		25. The reaction is considered the "gold
15 sequencing involves occupying separate	41. Superantigens function in a locally manner.	standard" for serotyping pneumococci.
localizations on the bacterial chromosome.	<u>Down</u>	26. The identification of S. pneumoniae relies on
22. Most of the pyogenic species can	2. The misidentification of streptococcal species is due to	susceptibility to
induce infection in several mammals	a gene transfer.	30. The different types of capsule found in pneumococcus
24. There are 14 different streptococcal	4. Streptococcus pneumoniae has developed its own	can be exchanged by genetic
27. Bacteria included in the genus Streptococcus are ,	positive mechanism.	31. The capsule is an important virulence factor of pneumococci.
positive cocci.	5. A protein complex that aids in bacterial cell division.	
28. An exotoxin secretes by pyogenes.	6 tools are being used for species	33. fasciitis is an invasive GAS illnes.
29. determining optochin susceptibility and	identification	
solubility is an important test for phenotypic identification	9. The mobility of a microorganism through mucus is	
of S. pneumoniae	supported by capsule.	
32. GAS must transfer through a layer to attach to	11. The presence of the polysaccharide capsule prevents	
the epithelial layers.	the binding of iC3b and the Fc of	

13. loGFS-originated isolates have a tendency of