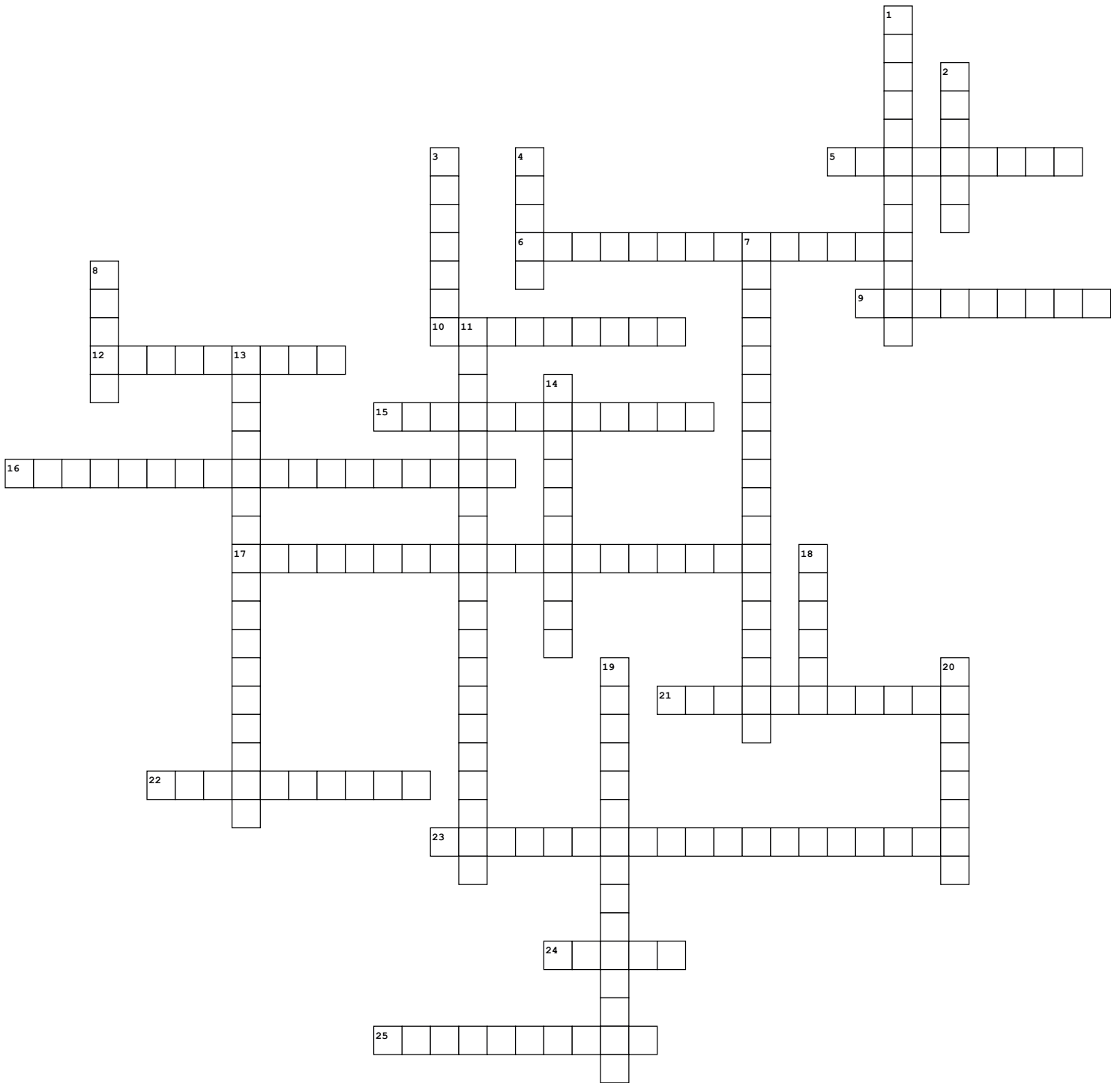


Biotech Crossword



Across

5. Where did the promoter gene come from which was added to the Atlantic Salmon's Genes?
6. What is a progressive, genetic disease that causes persistent lung infections and limits the ability to breathe over time?

Down

1. What specialises in recognising and attacking foreign cells and tissues?
2. Who is the first lamb of Dolly The Sheep?
3. What is a patented and trademarked brand of genetically engineered fluorescent fish?

9. What is the first GloFish available in pet stores?
10. What is a decreased level of oxygen in the blood?
12. This is a chronic lung disease caused by damage to the alveoli.
15. What is a two generation breeding protocol that starts by generating a hybrid offspring between two inbred strains, one of them carrying the mutation of interest?
16. What is a genetically modified (GM) Atlantic Salmon developed by AquaBounty Technologies in 1989?
17. What do you call the rapid rejection of transplanted animal tissues or organs?
21. What do the opponents call the AquAdvantage Salmon?
22. This is being eyed as a potential source of organs to deal with the shortage of donated organs from human cadavers.
23. What is the transplantation of living cells, tissues or organs from one species to another?
24. Who was cloned by Ian Wilmut, Keith Campbell and colleagues at the Roslin Institute?
25. What do you call the transplanted organs or tissues?
4. What is the transplantation of living cells, tissues or organs from one species to another?
7. This is providing organ function externally to patients with organ failure. (Use of xenotransplantation)
8. What kind of cell was used to produce dolly?
11. Who was the original developer of GloFish, in May 2017?
13. Who was the egg-donor that had its nucleus removed?
14. What do you call the animals (most commonly mice) that have had a foreign gene deliberately inserted into their genome?
18. What is a single-celled fertilized embryo?
19. What is the replacing of damaged or destroyed cells in diseases?
20. It comes from a combination of the words "farming" and "pharmaceuticals".