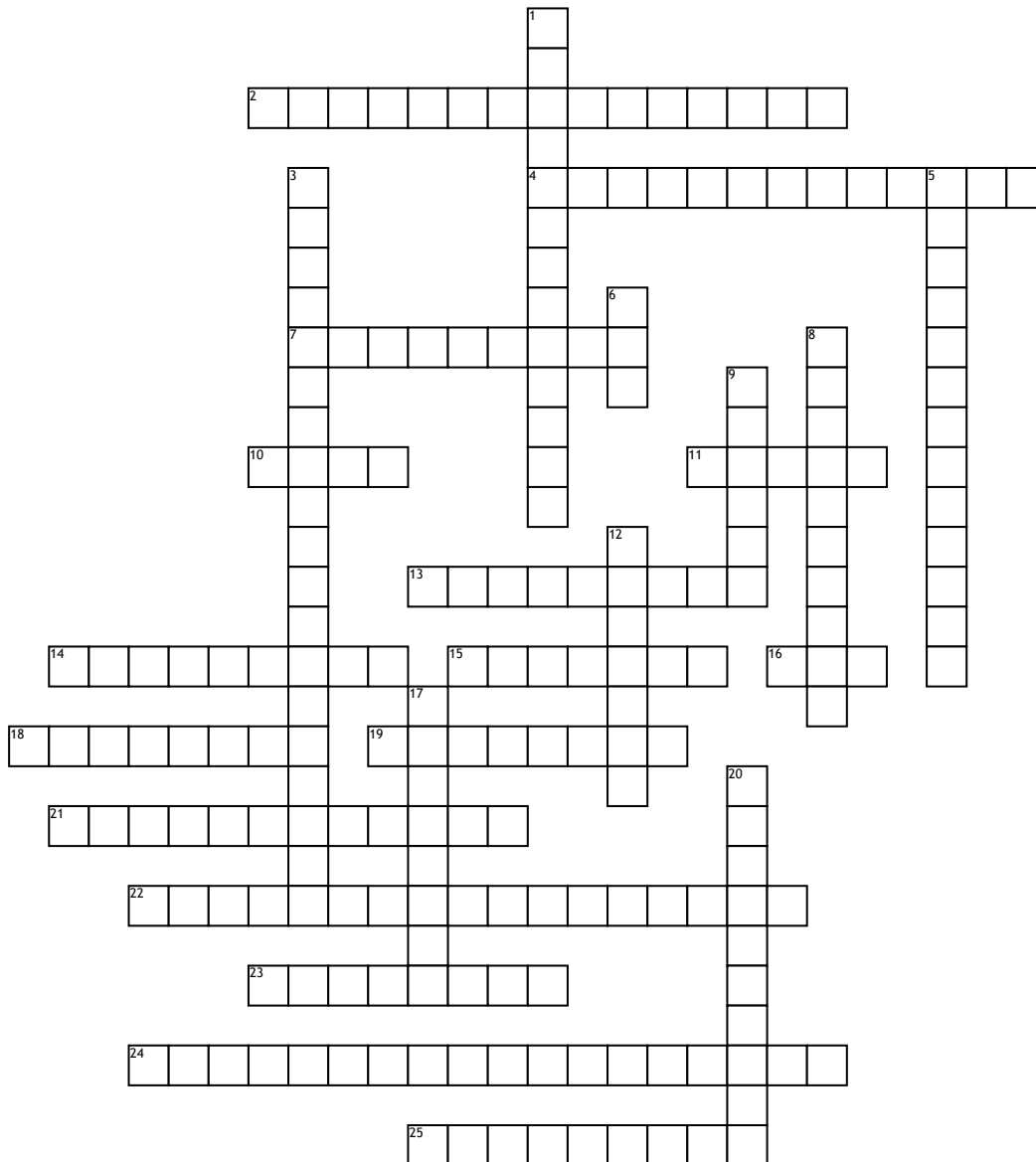


Complex Trait Mapping Knowledge Made Easy!



Across

2. moods swings ragging from high to low manic episodes
 4. variation of two types inflectional and derivational for genes
 7. disease caused by a single mutated gene
 10. specific physical location of a gene or other DNA sequence on a chromosome
 11. factors that one is testing upon
 13. variation defined as the variance of the breeding values among individuals
 14. how likely someone is to have the disease if they have the risk allele
 15. disease caused by the interaction of multiple genes and environmental factors

16. sections of the genome are repeated and the number of repeats in the genome varies between individuals
 18. region sequence of DNA to which proteins bind that initiate transcription
 19. factors left alone and not tested upon
 21. family-based linkage maps/recombination
 22. have either one or two copies of the associated genetic variant
 23. heterozygous individuals have intermediate phenotype
 24. have two copies of the associated genetic variant/heterozygous individuals are carriers
 25. heterozygous trait

Down

1. value derived from the mass and height of a person
 3. chronic inflammatory disorder affective the joints
 5. genome wide association studies/linkage disequilibrium
 6. DNA sequence variation occurring with a single nucleotide
 8. region of DNA or RNA that codes for protein
 9. way to find the correlation and regression value of traits
 12. non-persistence allele
 17. homozygous trait
 20. traits that correlate with variation of a phenotype of a population