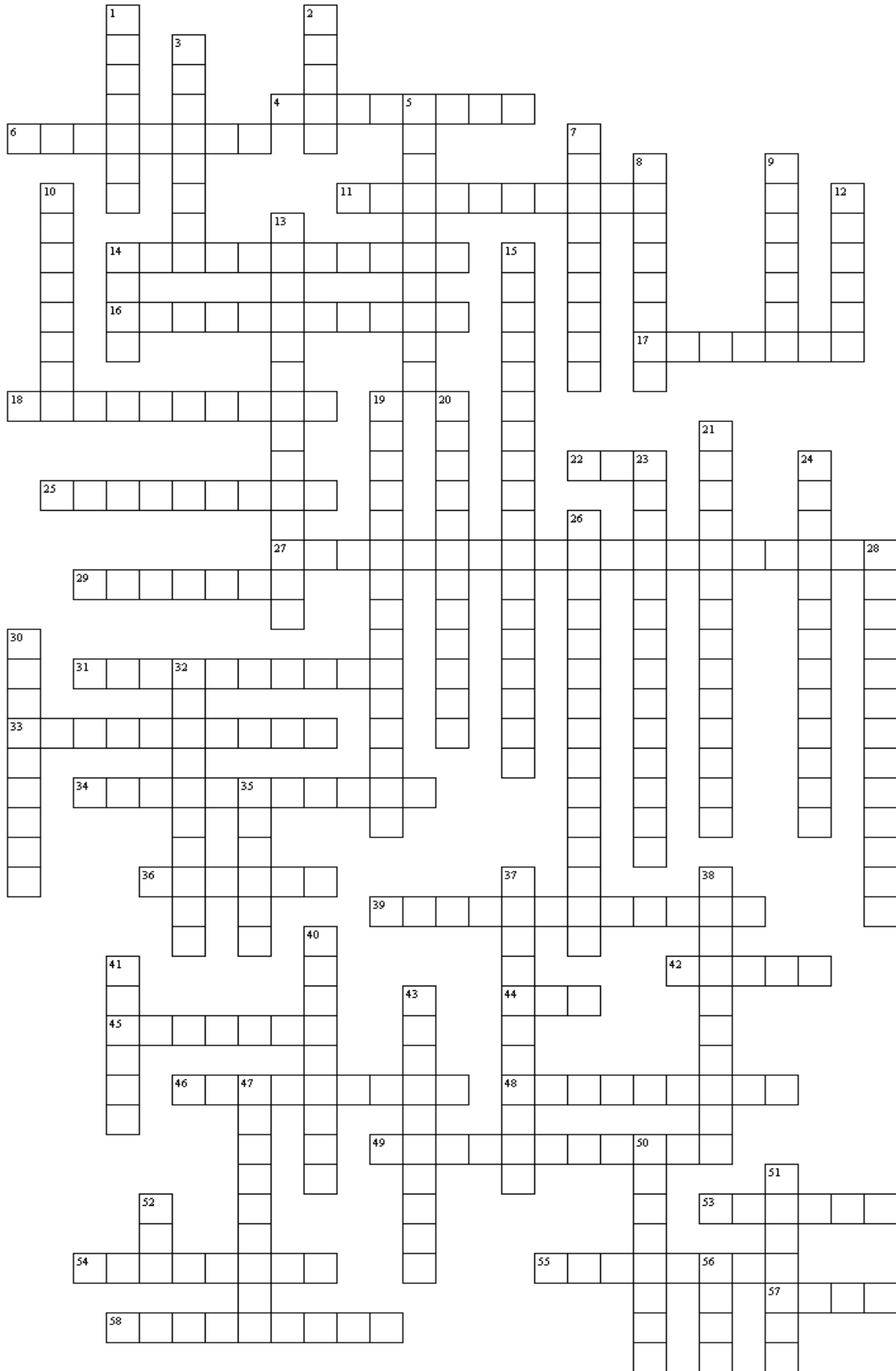


# Genetics & Disease Vocabulary 1



**ACROSS**

- 4 Transcription factor that turns off gene expression
- 6 Site of protein synthesis
- 11 Enzyme that makes RNA or DNA strands
- 14 Enzyme that cuts DNA
- 16 DNA or RNA
- 17 Linkage used to map genes
- 18 Start of transcription
- 22 Polymerase chain reaction
- 25 Not sex-linked
- 27 2 dominant traits blend
- 29 Occurs over a long time
- 31 White blood cell
- 33 Alleles are on \_\_\_\_\_ chromosomes
- 34 Important class of immune hormones
- 36 Binds to receptor
- 39 High blood pressure
- 42 Nucleotide triplets that determine amino acids
- 44 Single nucleotide polymorphism
- 45 Pathogenic protein
- 46 One gene affects another
- 48 Genetically modify bacteria
- 49 Used to make expression profiles
- 53 Autoimmune disease triggered by gluten
- 54 Control region of a gene
- 55 Insufficient insulin
- 57 Transcribed molecule
- 58 Pain in joints

**DOWN**

- 1 Spliced out of mRNA
- 2 Transcription factor binding site
- 3 Study of gene families
- 5 Adenine is a \_\_\_\_\_
- 7 Genetically modify a eukaryote
- 8 DNA sequence
- 9 Ligated fragments during DNA replication
- 10 Change in DNA sequence
- 12 Causing death
- 13 Using computers in biology
- 14 Makes up ribosomes
- 15 Effort to sequence a model of human chromosomes
- 19 Clogged arteries
- 20 Porous bone disorder
- 21 Genetic disease causing lung mucus build up
- 23 Two DNA pieces ligated together
- 24 Gene expression
- 26 Molecular system connecting environment with cellular response
- 28 Overgrowth of uterine tissue
- 30 Chronic obstructive lung disease
- 32 Study of protein families
- 35 Enzyme that connects DNA
- 37 Protein synthesis
- 38 Alleles with same phenotype
- 40 Trait
- 41 Only in RNA
- 43 Marker used to allow bacteria to grow in toxins
- 47 Transcription factor that slows transcription
- 50 Immune proteins that respond to pathogens
- 51 Circular DNA in bacteria
- 52 Genetically modified organism
- 56 Contain anti-codons