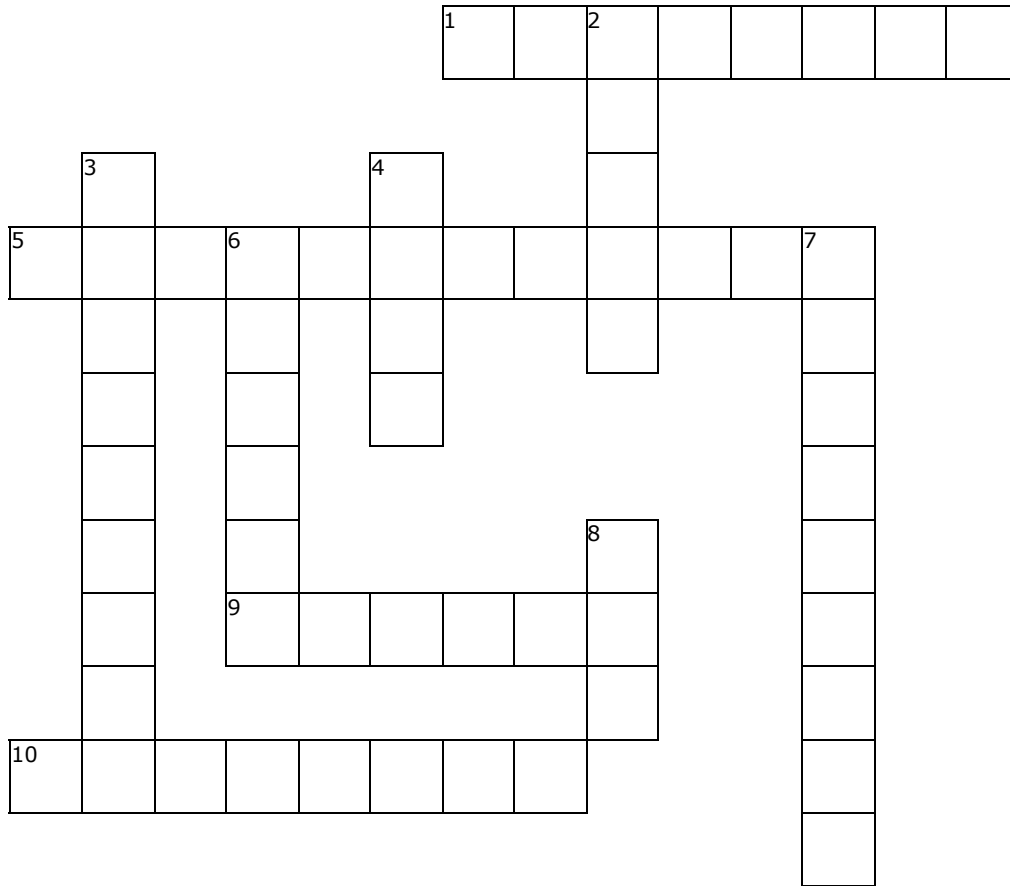


Name \_\_\_\_\_

## ZEBRAFISH CROSSWORD PUZZLE (LEVEL 1)



### Across

- 1** The most common appearance of a certain organism in the wild
- 5** An individual with two different versions of a specific gene
- 9** Element in air and dissolved in water that both humans and fish need
- 10** The actual genetic makeup of an organism

### Down

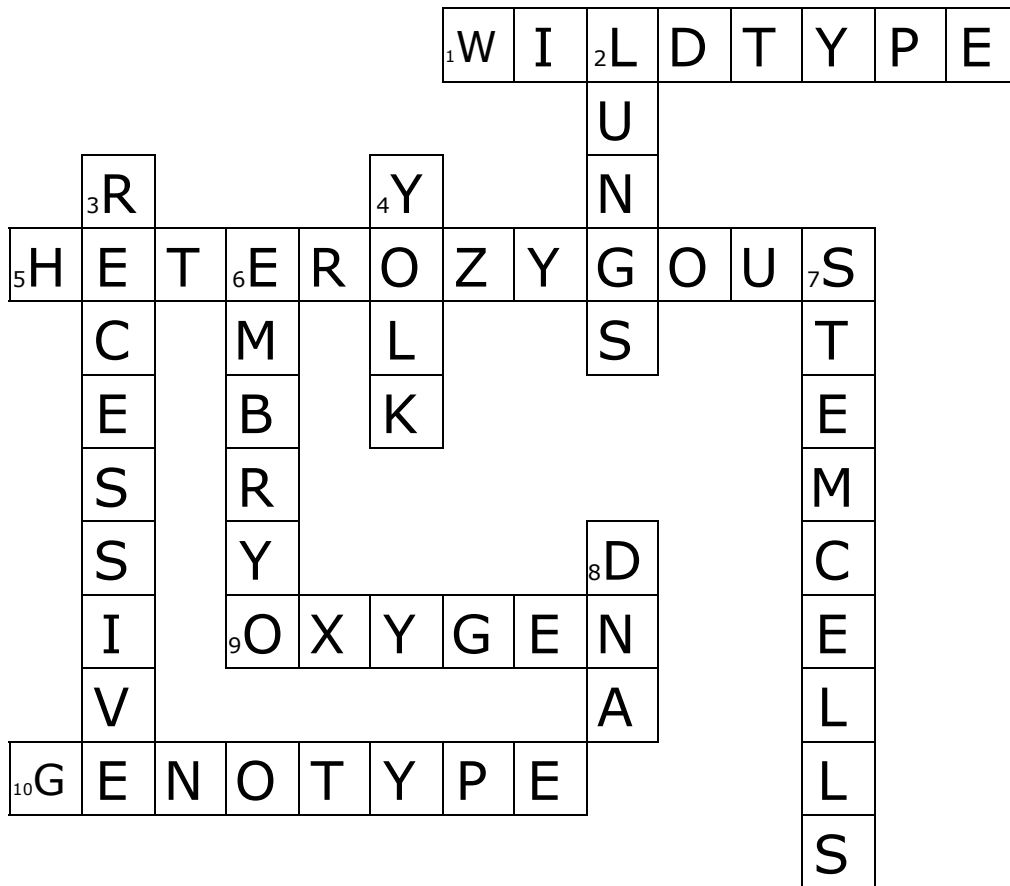
- 2** Organs used by humans to take oxygen out of the air
- 3** These traits need two copies of their genes in order to be expressed
- 4** Where the fish embryo gets its nourishment from
- 6** A developing organism that has not yet been born or hatched
- 7** Unspecialized cells that can become any cell in the body (2 words)
- 8** The molecule containing all of an organism's genetic information

### Word Bank

DNA	embryo	genotype	heterozygous	India
lungs	oxygen	stem cells	wildtype	yolk

Name \_\_\_\_\_

## ZEBRAFISH CROSSWORD SOLUTION (LEVEL 1)



### Across

- 1** The most common appearance of a certain organism in the wild
- 5** An individual with two different versions of a specific gene
- 9** Element in air and dissolved in water that both humans and fish need
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### Down

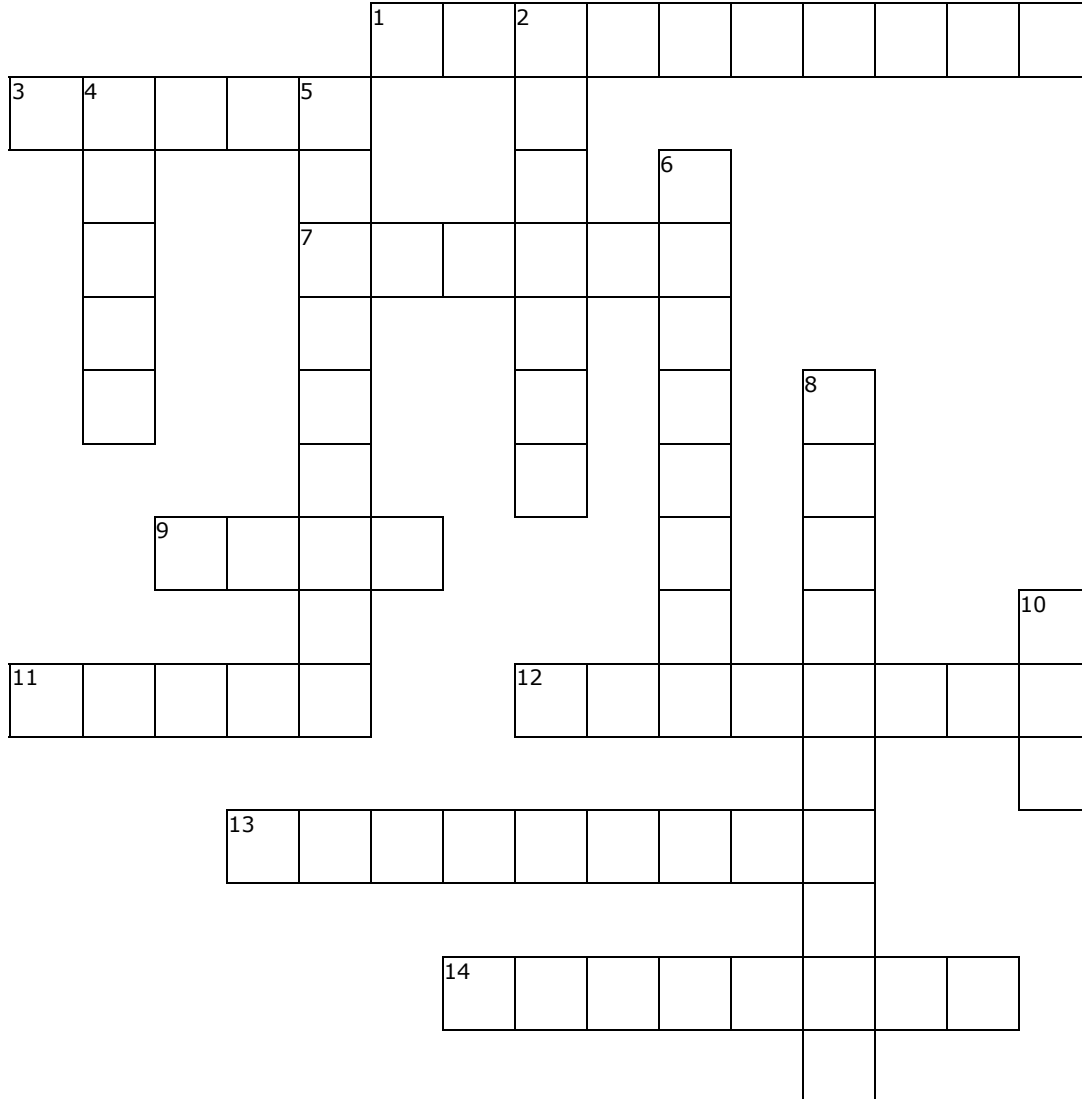
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### Word Bank

DNA	embryo	genotype	heterozygous	India
lungs	oxygen	stem cells	wildtype	yolk

Name \_\_\_\_\_

## ZEBRAFISH CROSSWORD PUZZLE (LEVEL 2)



### Across

- 1 Tool used to make small thing look bigger
- 3 Organs used by fish to take oxygen out of water
- 7 A developing organism that has not yet been born or hatched
- 9 Where the fish embryo gets its nourishment from
- 11 Organs used by humans to take oxygen out of the air
- 12 A change in a gene, sometimes resulting in a trait different from the parent
- 13 The physical traits of an organism
- 14 The study of biological inheritance of traits

### Down

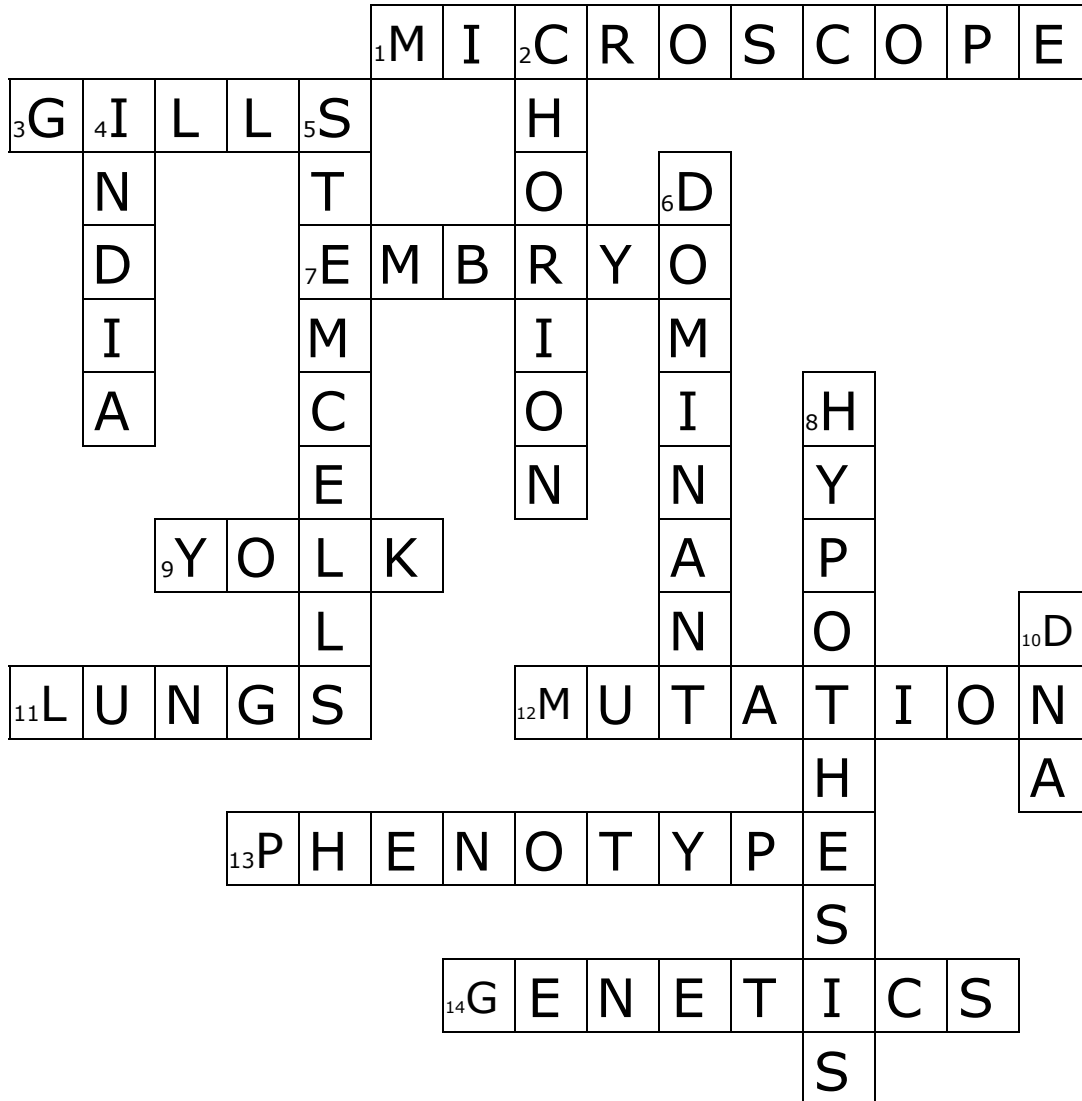
- 2 Surrounds and protects the fish embryo
- 4 The country where zebrafish are found in the wild
- 5 Unspecialized cells that can become any cell in the body (2 words)
- 6 These traits need only one copy of their gene in order to be expressed
- 8 A possible answer to a problem
- 10 The molecule containing all of an organism's genetic information

### Word Bank

chorion	DNA	dominant	embryo	genetics	gills	hypothesis
India	lungs	microscope	mutation	phenotype	stem cells	yolk

Name \_\_\_\_\_

## ZEBRAFISH CROSSWORD SOLUTION (LEVEL 2)



### Across

- 1 Tool used to make small thing look bigger
- 3 Organs used by fish to take oxygen out of water
- 7 A developing organism that has not yet been born or hatched
- 9 Where the fish embryo gets its nourishment from
- 11 Organs used by humans to take oxygen out of the air
- 12 A change in a gene, sometimes resulting in a trait different from the parent
- 13 The physical traits of an organism
- 14 The study of biological inheritance of traits

### Down

- 2 Surrounds and protects the fish embryo
- 4 The country where zebrafish are found in the wild
- 5 Unspecialized cells that can become any cell in the body (2 words)
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- 8 A possible answer to a problem
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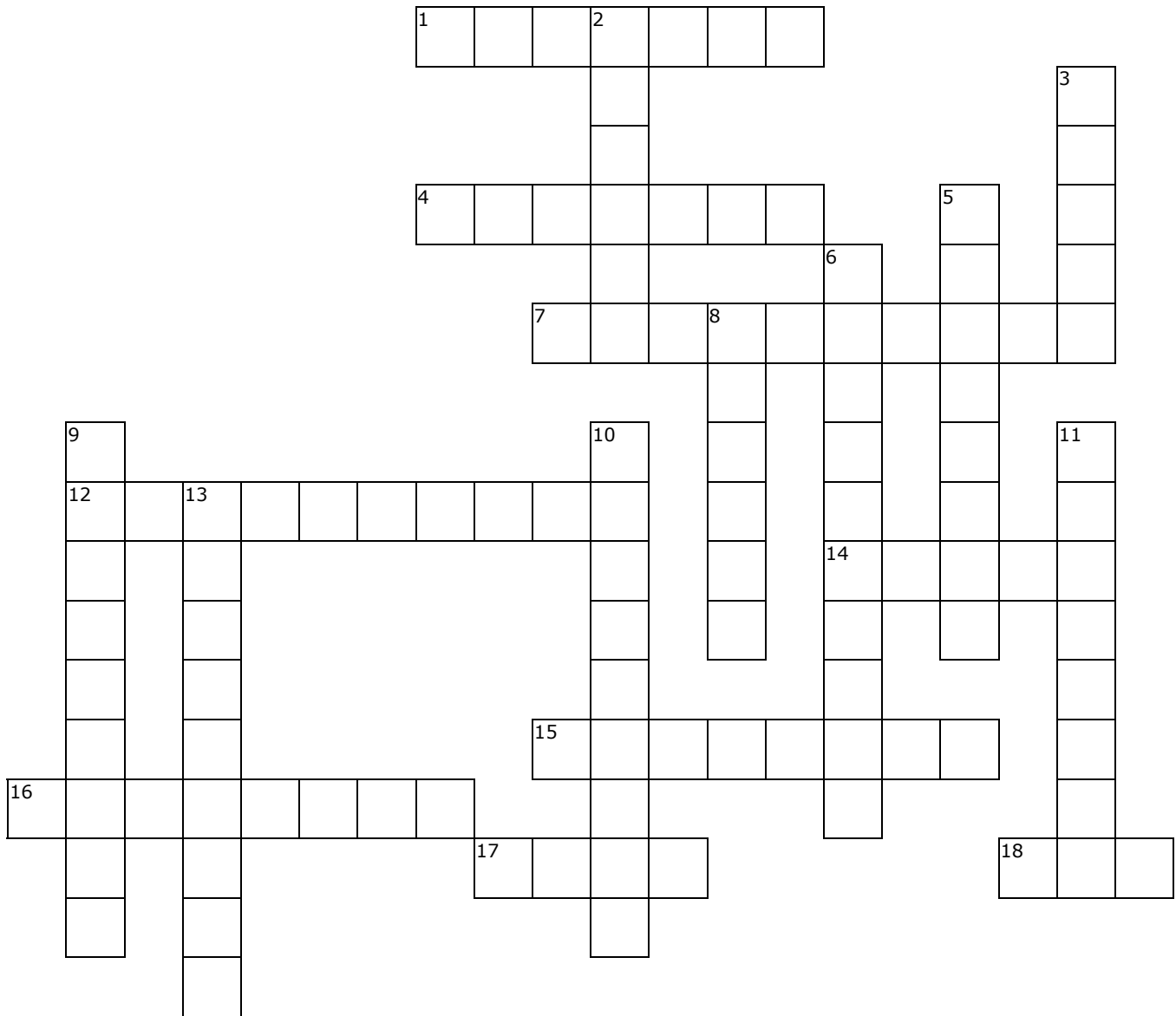
### Word Bank

chorion	DNA	dominant	embryo	genetics	gills	hypothesis
India	lungs	microscope	mutation	phenotype	stem cells	yolk

Name \_\_\_\_\_

# ZEBRAFISH CROSSWORD PUZZLE (LEVEL 3)

(MAY ALSO BE DONE ON JOURNAL PAGE 14)



## Across

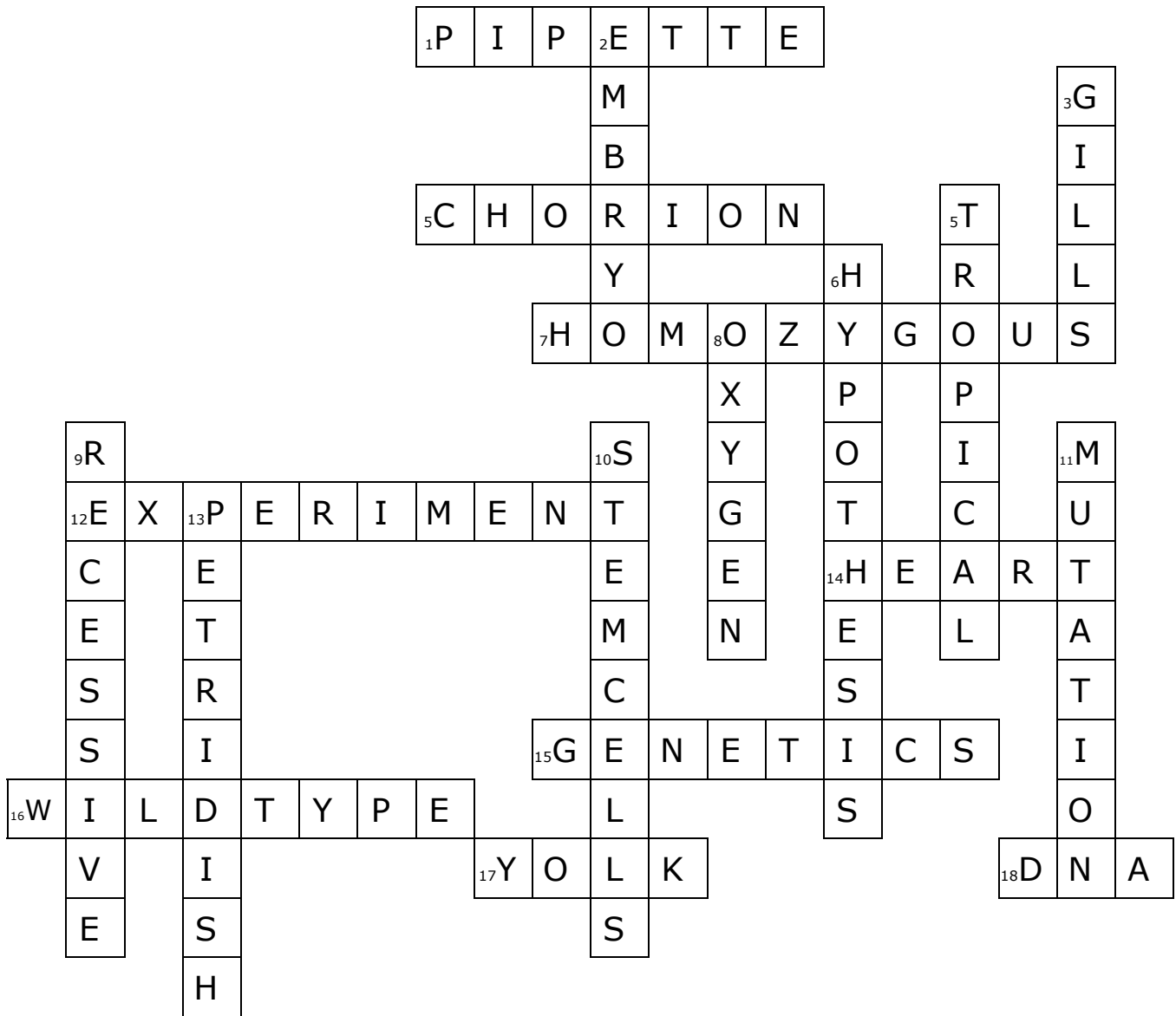
- 1 Tool used to pull small things out of water
- 4 Surrounds and protects the fish embryo
- 7 An individual with two identical copies of the same gene
- 12 How we test our ideas in science
- 14 Pumps blood through the body
- 15 The study of biological inheritance of traits
- 16 The most common appearance of a certain organism in the wild
- 17 Where the fish embryo gets its nourishment from
- 18 The molecule containing all of an organism's genetic information

## Down

- 2 A developing organism that has not yet been born or hatched
- 3 Organs used by fish to take oxygen out of water
- 5 The type of environment where wild zebrafish live
- 6 A possible answer to a problem
- 8 Element in air and dissolved in water that both humans and fish need
- 9 These traits need two copies of their gene to be expressed
- 10 Unspecialized cells that can become any cell in the body (2 words)
- 11 A change in a gene, sometimes resulting in a trait different from the parent
- 13 Where your embryos lived this week (2 words)

# ZEBRAFISH CROSSWORD SOLUTION (LEVEL 3)

(FROM JOURNAL PAGE 14)



**Across**

- 1 Tool used to pull small things out of water
- 4 Surrounds and protects the fish embryo
- 7 An individual with two identical copies of the same gene
- 12 How we test our ideas in science
- 14 Pumps blood through the body
- 15 The study of biological inheritance of traits
- 16 The most common appearance of a certain organism in the wild
- 17 Where the fish embryo gets its nourishment from
- 18 The molecule containing all of an organism's genetic information

**Down**

- 2 A developing organism that has not yet been born or hatched
- 3 Organs used by fish to take oxygen out of water
- 5 The type of environment where wild zebrafish live
- 6 A possible answer to a problem
- 8 Element in air and dissolved in water that both humans and fish need
- 9 These traits need two copies of their gene to be expressed
- 10 Unspecialized cells that can become any cell in the body (2 words)
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- 13 Where your embryos lived this week (2 words)