



# World of Genetics

G	L	D	N	R	N	C	K	P	C	V	D	H	U	C	E	K	J	P	C	M	T	W	R	X	C	U	K	M	Y	
R	E	I	O	I	S	O	O	R	H	Y	O	O	G	P	N	H	Y	U	L	E	P	T	L	V	U	U	R	X		
N	P	N	N	W	T	E	N	L	G	O	A	A	M	M	K	H	M	E	M	R	O	I	A	V	O	I	Y	D	D	
A	C	E	E	K	N	R	X	D	O	I	B	R	M	I	O	A	E	J	R	U	E	N	O	R	J	K	Q	V	B	
V	G	T	Y	T	E	S	O	C	I	R	N	A	G	I	N	Z	R	N	G	E	T	B	I	S	E	P	M	O	K	
T	Q	H	I	W	I	D	Y	G	H	S	B	C	B	A	N	A	Y	O	E	D	A	R	N	I	N	K	T	D		
P	E	I	R	I	A	C	T	N	E	R	J	L	O	I	F	O	N	G	O	T	N	I	T	E	G	S	T	I	P	
F	M	C	X	L	L	P	C	R	D	N	O	U	I	M	L	F	A	T	O	T	Y	E	T	I	D	T	C	S	U	
U	T	S	O	K	L	M	V	O	A	R	B	M	N	N	P	I	X	C	C	U	Y	P	T	Y	O	A	Z	A	R	
F	T	M	S	I	E	G	Z	B	D	I	O	A	O	C	D	L	T	C	I	O	S	P	E	I	C	N	N	O	V	
O	I	F	G	N	L	I	V	O	S	E	T	M	S	S	T	N	E	Y	H	D	D	E	E	I	C	D	M	A	D	
B	X	T	J	S	E	N	S	O	E	Q	C	S	E	E	O	I	E	T	E	R	S	O	E	O	T	S	V	Z	G	
U	A	I	D	W	R	B	Q	H	X	C	R	O	S	S	S	M	O	S	E	G	O	L	M	N	P	J	F	X	S	
Q	G	K	K	C	G	V	C	W	A	C	H	Y	B	R	I	D	E	N	S	D	C	M	A	I	E	F	A	O	L	
S	R	T	R	A	I	T	S	Q	Q	C	P	D	D	H	G	L	M	S	N	U	O	N	O	R	N	S	L	C	F	
I	I	W	A	T	S	O	N	L	K	L	P	K	B	J	N	P	R	O	N	J	I	M	A	S	E	A	L	R	W	
C	B	P	Z	B	E	U	J	U	V	R	R	G	E	N	E	S	I	O	S	B	S	U	I	M	O	N	N	S	W	
K	O	B	V	O	H	E	O	S	P	U	G	S	E	L	F	T	B	I	M	L	Q	S	O	N	O	M	E	T	C	
L	N	C	L	F	P	M	B	J	G	N	Y	X	X	C	I	S	O	L	S	U	S	K	I	A	P	E	D	R		
E	U	M	W	R	R	E	P	T	V	G	I	G	J	U	R	O	C	E	T	O	O	N	T	E	Y	N	E	R	I	
C	C	R	T	Z	Y	N	D	D	P	Z	N	X	D	Y	R	E	C	T	G	M	O	A	M	T	E	T	C	E	C	
E	L	P	H	X	D	D	C	N	V	H	D	O	X	B	R	R	E	Y	O	I	C	O	D	E	I	S	V	E	K	
L	E	L	Y	R	J	E	N	A	R	S	R	O	I	E	E	N	Z	R	T	I	S	O	R	R	T	I	N	E	S	
L	I	A	M	N	C	L	S	E	N	P	E	F	N	T	N	O	H	A	L	O	O	T	E	N	S	I	P	N	E	
A	C	S	I	P	C	I	N	I	E	D	C	I	H	U	R	C	N	P	M	L	Y	H	A	S	L	Y	E	N	S	
N	A	M	N	O	S	I	E	R	W	I	S	G	P	E	F	I	E	O	B	L	N	L	E	K	T	G	I	J	R	
E	C	I	E	O	N	T	L	L	T	O	U	W	T	V	L	R	R	S	I	I	P	C	N	O	A	N	F	O	O	
M	I	D	T	A	O	L	T	S	T	A	U	E	M	L	W	H	Y	M	H	A	E	A	N	T	E	G	D	T	V	
I	D	I	U	R	E	Z	Y	Y	D	P	H	F	O	A	C	B	A	H	E	R	R	E	U	D	T	D	J	E	N	
A	M	G	P	C	K	C	C	E	Z	Q	T	P	Z	Y	K	F	K	P	B	F	G	M	A	M	V	H	P	H	F	

- |                       |                    |
|-----------------------|--------------------|
| Adenine               | Inherited          |
| Allele                | Karyotype          |
| Amino acids           | Meiosis            |
| Blood Types           | Mitosis            |
| Cell reproduction     | Mutagens           |
| Chromosomes           | Mutation           |
| Cloning               | Nitrogen bases     |
| Codominant            | Nondisjunction     |
| Colorblindness        | Parents            |
| Cross-pollination     | Pea plants         |
| Cystic fibrosis       | Phenotype          |
| Cytosine              | Plasmid            |
| Daughter cells        | Probability        |
| Deoxyribonucleic acid | Proteins           |
| DNA                   | Punnett square     |
| Dominant              | Purebred           |
| Down Syndrome         | Recessive          |
| Ethics                | Recombinant DNA    |
| Family tree           | Replication        |
| Genes                 | Ribonucleic acid   |
| Genetic code          | RNA                |
| Genetics              | Self-pollination   |
| Genotype              | Sex chromosomes    |
| Guanine               | Sex-linked traits  |
| Heredity              | Sickle cell anemia |
| Heterozygous          | Thymine            |
| Homozygous            | Traits             |
| Hybrid                | X chromosome       |
| Incomplete dominance  | Y chromosome       |

## Challenge:

The puzzle includes the last names of six people who have made contributions to the field of genetics. Who are they?

_____	_____
_____	_____
_____	_____