

GREEN AUTOSOMES

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
A	A	a	a	a	a	a	A	A	A	A	A
B	b	B	B	B	b	b	b	b	B	b	B
C	c	c	C	C	C	C	c	c	C	c	C
D	d	d	D	d	d	D	D	D	d	d	D
E	e	E	E	e	e	e	e	E	e	e	E

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
A	A	A	A	A	A	a	a	a	a	a	a
B	B	B	b	b	b	b	b	b	B	B	B
C	C	c	c	c	C	C	C	c	c	c	c
D	d	D	d	D	d	D	D	d	D	d	d
E	e	e	E	E	e	E	E	e	e	e	E

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
a	a	a	a	a	a	A	A	A	A	A	A
b	b	b	b	B	B	B	b	b	b	b	b
c	c	c	C	C	c	C	c	C	c	C	C
d	d	D	D	d	D	d	D	d	d	D	d
e	E	E	E	E	E	e	e	e	e	e	e

RED AUTOSOMES

1 2 3 4 5 6 1b 2b 3b 4b 5b 6b

F F F F F f f f f f F F

G G g g g G G G G g G g

H H h H h h h H H H h h

I I i i I i i I I I I I i

J j j j j j j j j J J J

1 2 3 4 5 6 1b 2b 3b 4b 5b 6b

f f f f f F f f f F F F

G g g g G G G G g g g g

H h h h h h h H H h h H

I I I I I I i i i i i

J j J J J j J j J J J j

1 2 3 4 5 6 1b 2b 3b 4b 5b 6b

F f f F F F F f f f F F

G g g g g G G G g g g G

H h H H H H h h h h H H

I I I i i i i i I I I I

J J J j j j j J j J J j

ORANGE AUTOSOMES

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
K	K	K	K	K	k	k	k	k	k	k	k
L	l	l	L	L	L	L	l	l	l	L	L
M	m	m	m	M	m	m	m	M	M	M	M
N	n	N	n	n	N	n	n	n	n	n	n
O	o	o	O	o	O	O	O	O	o	o	O

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
K	k	k	k	k	k	K	K	K	K	K	K
L	l	L	l	L	l	l	l	L	L	l	l
M	m	m	m	m	M	m	m	M	M	M	M
N	n	n	n	N	N	n	n	n	n	n	n
O	O	o	o	O	O	O	o	o	O	O	O

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
K	k	K	k	k	K	K	k	K	k	K	k
L	l	l	L	L	l	L	l	L	l	L	l
M	m	m	M	M	m	m	M	m	M	M	m
N	n	n	n	n	n	N	n	n	n	N	N
O	o	o	O	O	O	O	O	o	O	o	O

YELLOW AUTOSOMES

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
P	p	p	P	P	P	p	p	p	P	P	p
Q	q	q	q	q	q	Q	Q	q	q	q	Q
R	r	R	R	r	r	r	r	R	r	r	R
S	s	S	s	S	s	S	s	S	s	S	s
T	T	t	T	t	t	T	t	T	t	t	T

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
P	p	p	P	p	P	p	P	P	p	P	p
Q	q	q	q	q	Q	Q	Q	Q	Q	q	q
R	R	r	r	r	R	R	R	r	r	r	R
S	s	s	s	s	S	S	s	S	s	s	S
T	t	t	T	t	t	T	T	T	T	t	t

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
P	p	p	p	p	p	P	P	P	P	P	P
Q	Q	Q	Q	Q	q	q	q	q	q	q	q
R	r	r	r	R	r	R	R	r	r	r	R
S	S	s	s	S	S	s	S	S	S	s	s
T	t	t	t	T	t	T	T	T	t	t	t

SEX CHROMOSOMES—X/X chromosomes [pink or purple]

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
U	U	U	U	U	U	u	u	u	u	u	u
V	v	v	v	V	V	V	v	v	v	v	V
W	w	w	w	W	w	w	w	w	w	w	W
\$	@	@	@	\$	\$	\$	@	@	@	@	\$
Z	z	z	Z	z	z	z	Z	Z	Z	z	z
-	-	-	-	+	+	+	+	+	-	-	-
X	X	X	X	X	X	X	X	X	X	X	X

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
U	U	u	u	u	u	U	U	U	u	u	U
V	v	v	v	v	v	V	V	V	V	V	V
W	W	w	w	w	w	w	w	w	w	w	w
\$	@	@	\$	\$	\$	\$	@	@	@	@	@
Z	z	z	z	z	Z	Z	Z	Z	z	z	z
+	-	+	-	+	-	+	-	-	-	+	+
X	X	X	X	X	X	X	X	X	X	X	X

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
U	u	u	u	u	u	U	U	U	U	U	U
V	v	v	v	V	V	V	v	v	v	v	v
W	w	w	w	w	w	w	w	w	W	W	w
\$	\$	\$	@	@	@	@	@	\$	\$	\$	@
Z	z	z	z	z	z	z	Z	Z	Z	Z	z
+	+	+	-	-	-	-	+	+	-	+	-
X	X	X	X	X	X	X	X	X	X	X	X

SEX CHROMOSOMES --X/Y chromosomes [blue]

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
U	u	u	u	u	u	u	u	u	u	u	u
V	v	v	V	V	V	V	V	V	V	V	v
W	W	W	W	W	W	W	W	w	w	w	w
\$	@	@	\$	\$	\$						
Z	z	z	Z	Z	Z						
+	-	+	-	+	-						
X	X	X	X	X	X	Y	Y	Y	Y	Y	Y

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
u	u	u	u	u	u	u	u	u	u	u	u
v	v	v	v	v	v	v	v	v	V	V	V
w	W	W	W	w	w	w	w	W	w	w	w
\$	\$	@	@	@	@						
Z	z	z	Z	Z	Z						
-	-	-	-	+	+						
X	X	X	X	X	X	Y	Y	Y	Y	Y	Y

1	2	3	4	5	6	1b	2b	3b	4b	5b	6b
U	U	U	U	U	u	u	u	u	u	u	u
V	v	v	v	v	v	v	V	V	V	V	V
W	W	w	w	w	w	W	W	W	w	w	w
\$	@	\$	\$	\$	@						
Z	z	Z	Z	z	z						
+	+	+	+	-	-						
X	X	X	X	X	X	Y	Y	Y	Y	Y	Y