

Human

Female

X X



2x

0x

Male

X Y



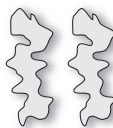
2x

—

Fly

Female

X X



1x

1x

Male

X Y



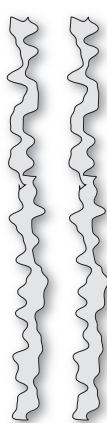
2x

—

Worm

Hermaphrodite

X X



1x

1x

Male

X O



2x

—

Relative Amount
of X-chrm gene
expression:

Total expressed
X-chrm dosage:

2x

2x

2x

2x

2x

2x