GENETICS

**identity**

“XXX-XXX-X”

sex

M: male

F: female

shape

C: circle

X: x

T: triangle

S: square

P: pentagon

H: hex

color

R: red

O: orange

Y: yellow

G: green

L: lime

T: turquoise

C: cyan

B: blue

V: violet

M: magenta

label

ABC

body size

A-Z

**ontogeny**

size

A-Z

shade

corresponds to age

**behavior**

male tolerance

female tolerance

tolerance based on morphology…

mates

number of mates

NOTE: if someone gets mutation that doesn’t adhere to the code, they just die, as probably often happens in life.

XXPRYUWXCMXX

ENVIRONMENT CODES:

PQ: patch quality

MCR-ABC-S: individual qualities

BEHAVIOR CODES:

F: move forward

T: turn randomly

M:mate here

E: eat here

A: attack here

G: grow

;let patchDistance

; personalValues

; hungerValue

; fightingAbility

; foodValue

; conspecificValue

; sex

; morphology

; identity

; distance

to move-to-patch [to-patch]

set energy energy - move-cost

face to-patch

rt random-float 20

lt random-float 20

fd 1

end