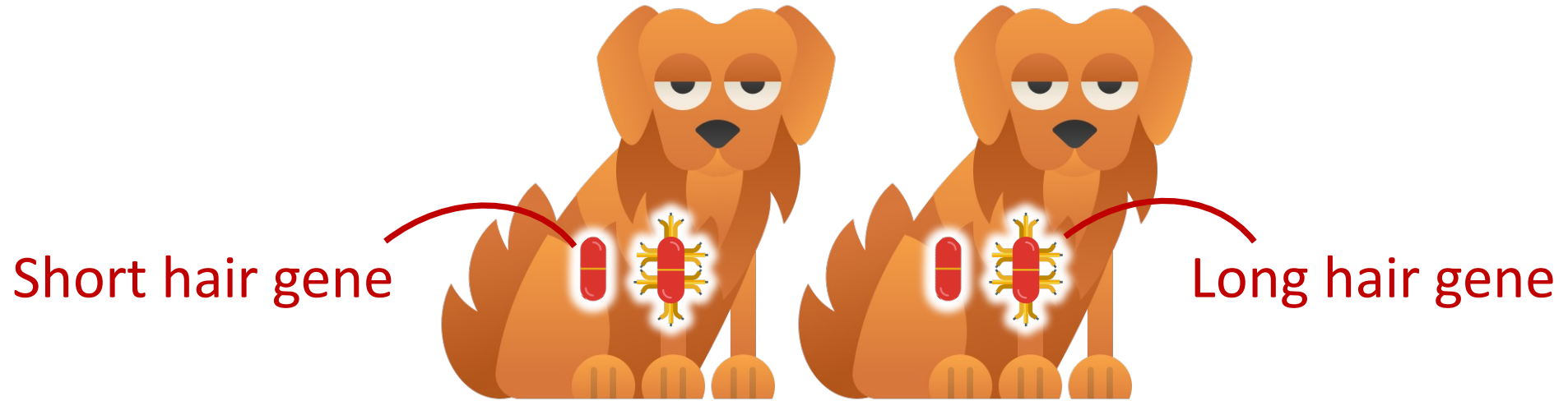


INTERLOCKED

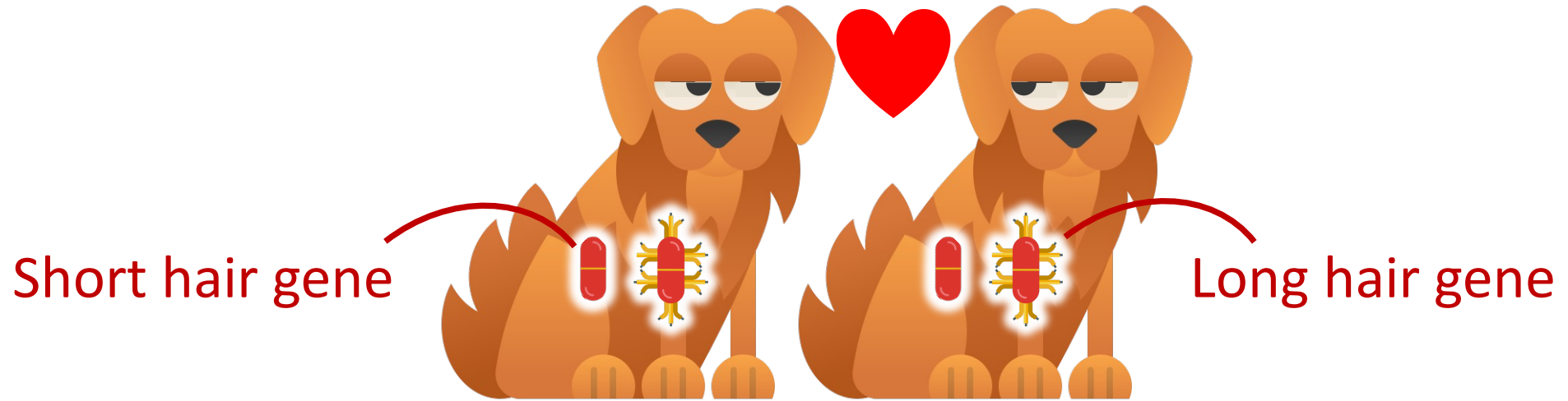
Lesson 7:
Fill The Earth

Simple illustration on genes

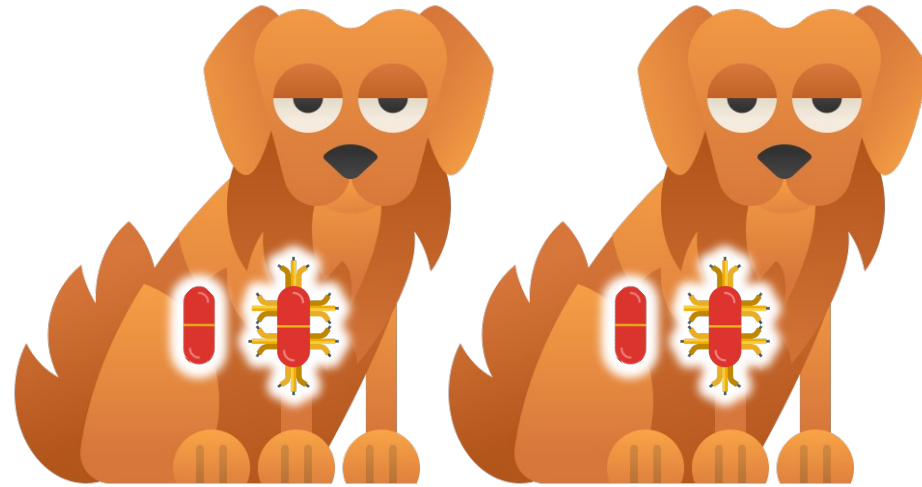
MEDIUM HAIRED DOGS



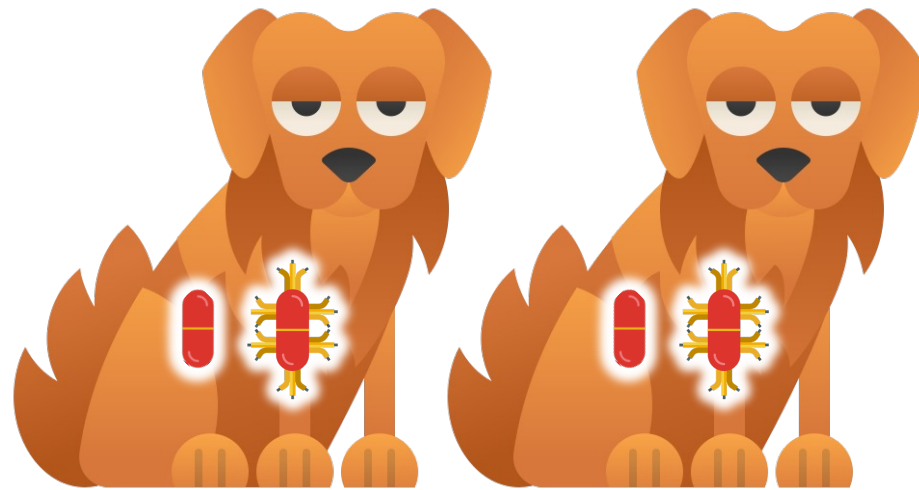
MEDIUM HAired DOGS



MEDIUM HAired DOGS



SHORT HAIR



MEDIUM HAIR



LONG HAIR

Superficial differences in people groups

Simple example

MAN'S GENES

D

L

D

DD

DL

WOMAN'S GENES

L

DL

LL

D	DD	DL
L	DL	LL

Skin tone is governed by more than one gene. For simplicity, we will assume there are only two genes involved.

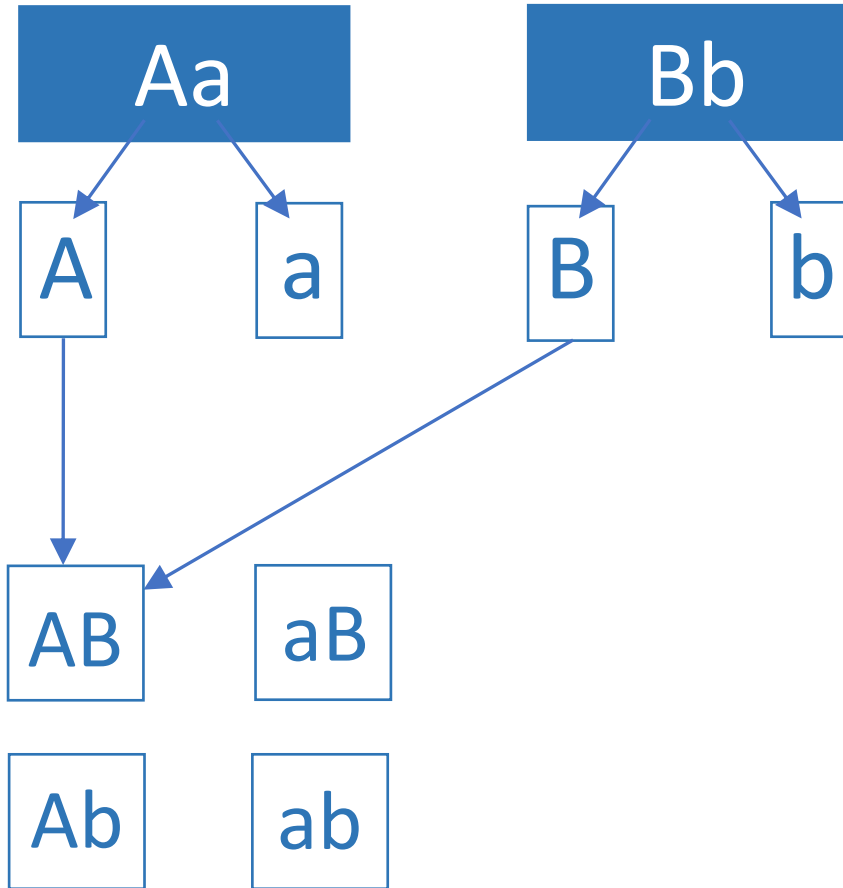
MAN'S GENES

Passed down
to child

Combinations of
these 2 genes he can
pass down

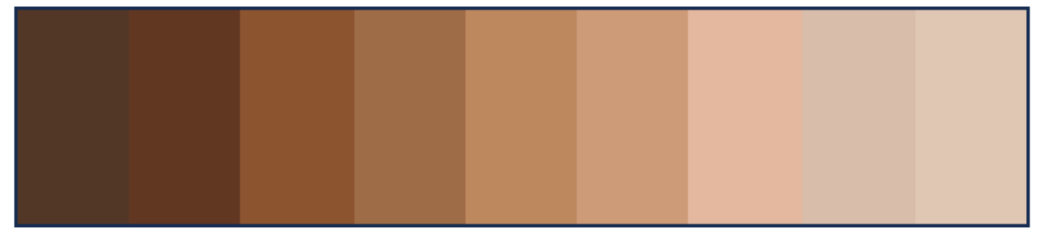
GENE 1

GENE 2



Here is the range of possible skin tones of the children of this man and woman.

MELANIN



MAN'S GENES

WOMAN'S GENES

	AB	Ab	aB	ab
AB	AA BB	AA Bb	Aa BB	Aa Bb
Ab	AA Bb	AA bb	Aa Bb	Aa bb
aB	Aa BB	Aa Bb	aa BB	aa Bb
ab	Aa Bb	Aa bb	aa Bb	aa bb

Kian and Remeë Hodgson

Black and white twins

Born a minute apart, the two little sisters who strangers can't believe came from the same mum



From the Mail, February 21 2006

Kian and Remeë Hodgson



To read more:

<https://abcnews.go.com/GMA/story?id=1813509>

Other twins:

<https://elisabethparker.com/biracial-twins-absurdity-racism/>