MisC Genetics notes
True-Breehing/homozygons:

- both alubes for trait are sump

EX. TI
Hybrid/heterozygous:

- 2 alleles are different
gamete-sex alls
EX: sperm + egy
tall $=$ phamodge

$$
\begin{array}{lc}
\text { Tall }=T & f T t \times T t+0 \\
\text { short }=t & T \quad T \\
& t|T T| t \mid \\
& t|t t|
\end{array}
$$

2-fnator coss.

$$
\begin{aligned}
& \begin{array}{l}
A \text {-dom. } \\
a \text {-rec. }
\end{array} \quad A, B b \times A, B b \\
& B \text {-dom games: } \\
& \text { b-rec. "Foll" } \\
& \begin{array}{ll}
A B & A a^{a} B b \\
A b & a b \\
a b
\end{array}
\end{aligned}
$$

$A B A L a B a b$
$A B P A B B C A B B / A B B / A, B b$



Sex-linted inheritance:
Sex chromosomes

$$
\begin{aligned}
& 0: X X \\
& 0^{0}: X Y
\end{aligned}
$$




$$
\begin{aligned}
& X^{n} Y \times X^{N} X^{n} \\
& X^{N} X^{n} \\
& X_{n}^{n}\left|X^{n} X^{n}\right| X^{n} X^{n} \\
& Y\left|X^{n} Y\right| X^{n} Y \\
& \hline
\end{aligned}
$$

$$
\begin{aligned}
& \text { 1. } q: q q b b \\
& O \cdot Q_{q} B b \\
& P \text { cross: } Q_{q} B b \times q q b \text { (qb) }
\end{aligned}
$$



