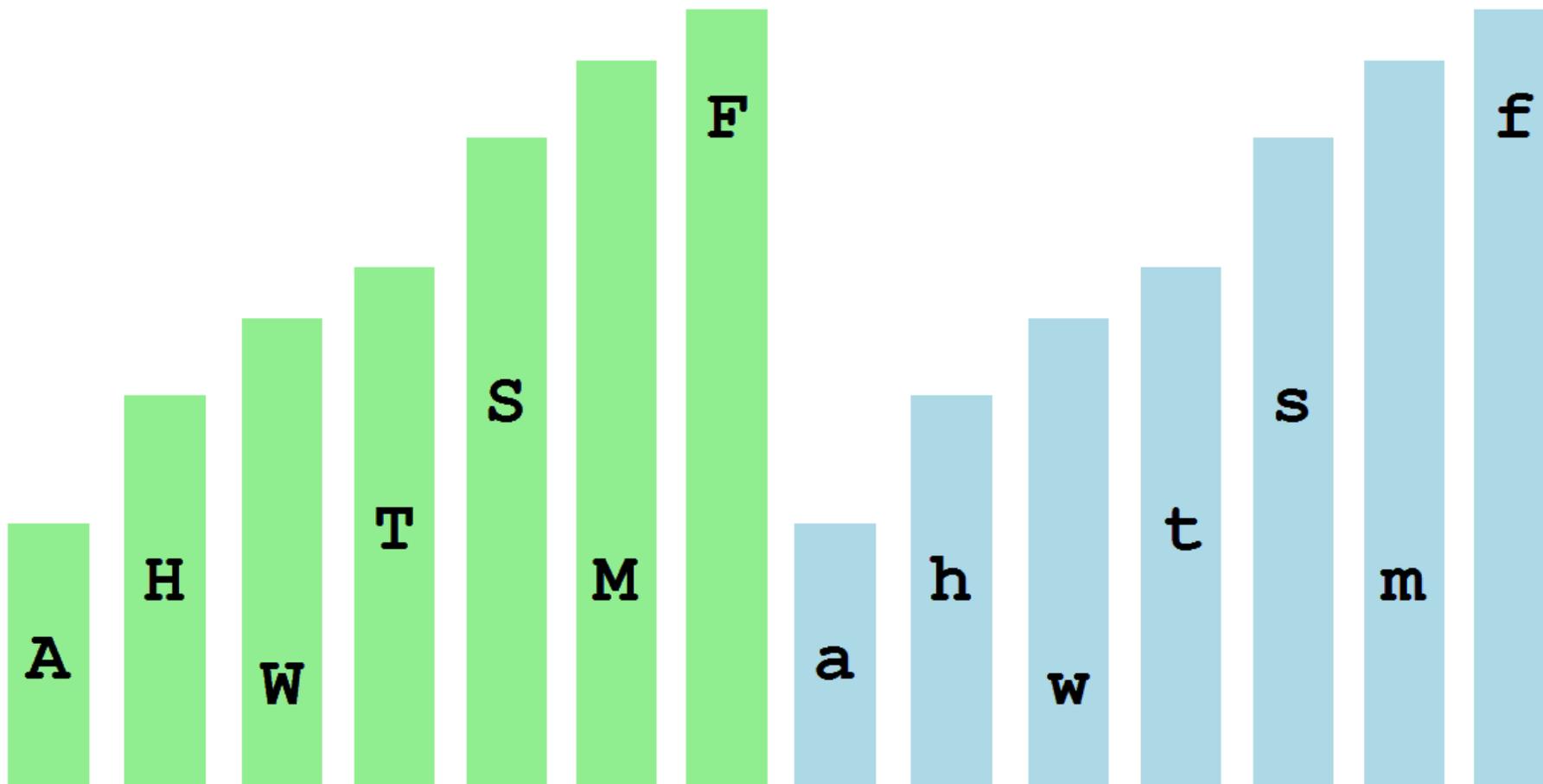
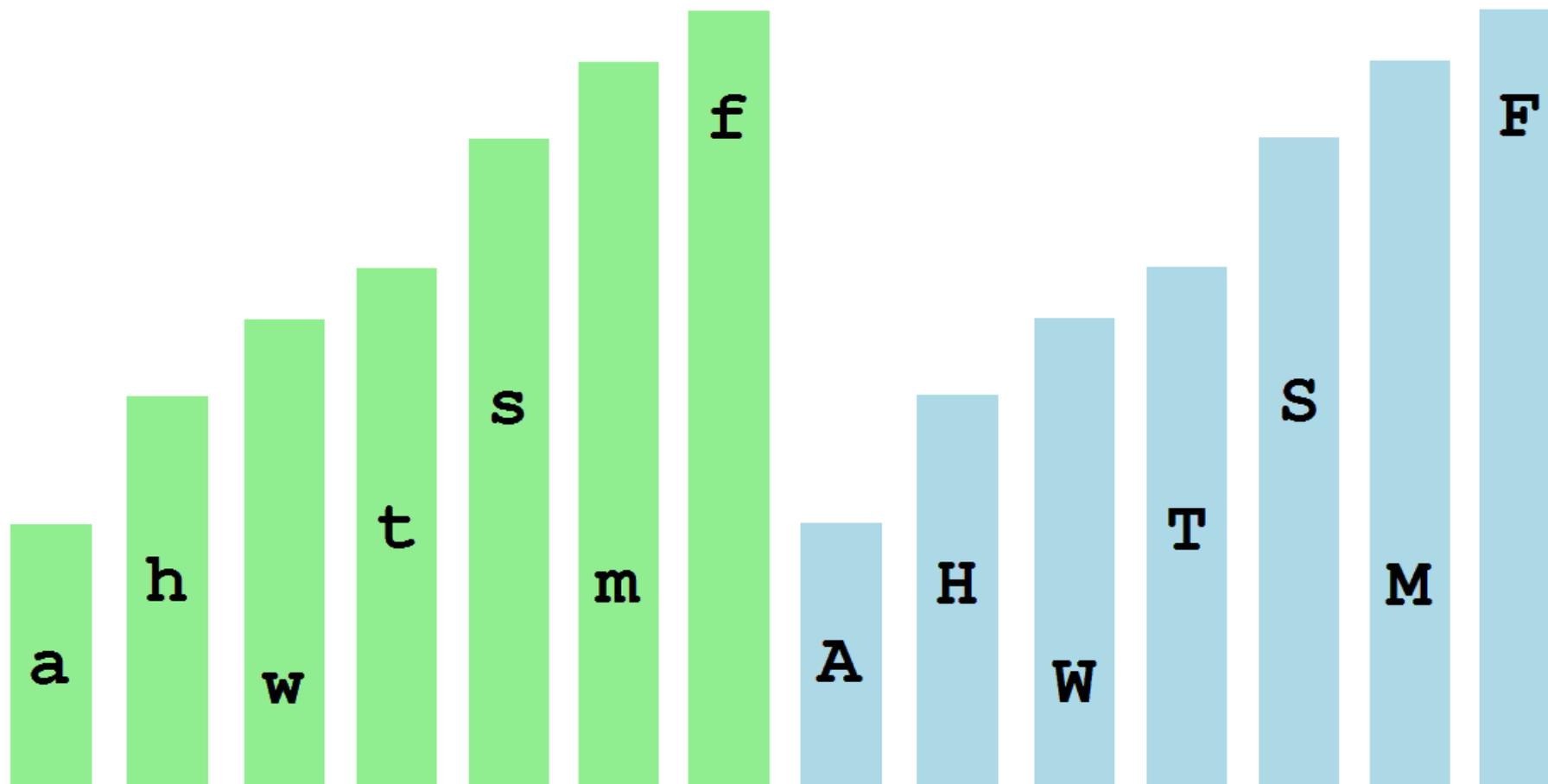


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Learn Mendelian inheritance with dragons

Table 1: Genes inherited from dragon parents

| | Male gene (blue) | Female gene (green) |
|---|------------------|---------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |

Table 2: Genotype and phenotype of your baby dragon

| Trait | Genotype | Phenotype |
|--|----------|-----------|
| Fire-breathing /Does not breath fire (F/f) | | |
| Number of toes (M/m) | | |
| Spikes on tail (S/s) | | |
| Tail colour (T/t) | | |
| Wing colour (W/w) | | |
| Horn/no horn (H/h) | | |
| Body colour (A/a) | | |

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Table 3: Phenotype table (translate the dragon genotype into the phenotype)

| Genotype | Phenotype |
|-----------------|----------------------|
| FF or Ff | Fire-breathing |
| ff | Does not breath fire |
| MM or Mm | Four toes |
| mm | Three toes |
| SS or Ss | Five spikes on tail |
| ss | Four spikes on tail |
| TT or Tt | Red tail |
| tt | Yellow tail |
| WW or Ww | Red wings |
| ww | Yellow wings |
| HH or Hh | Horn |
| hh | No horn |
| AA or Aa | Blue body and head |
| aa | Green body and head |