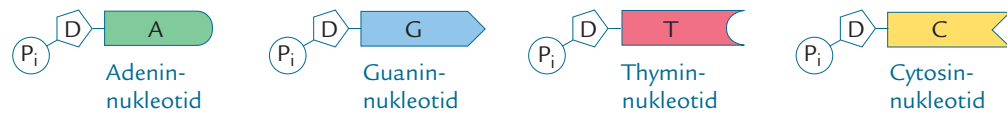


Figur 98 – kapitel 6 – Biologi i fokus

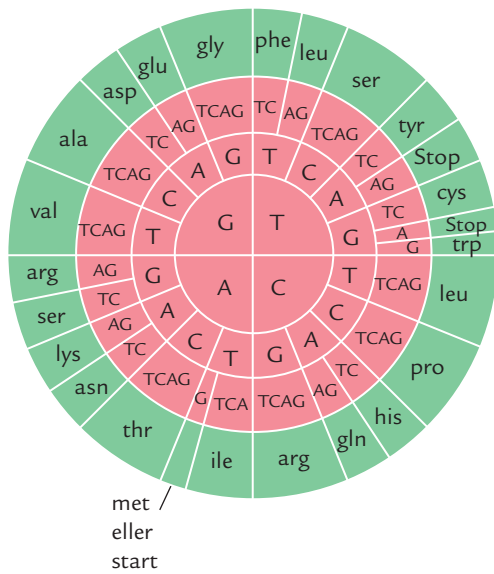


Navn	Symbol	Struktur
Fosfat (PO ₄ ³⁻)		
Deoxyribose		
Adenin		
Guanin		
Thymin		
Cytosin		

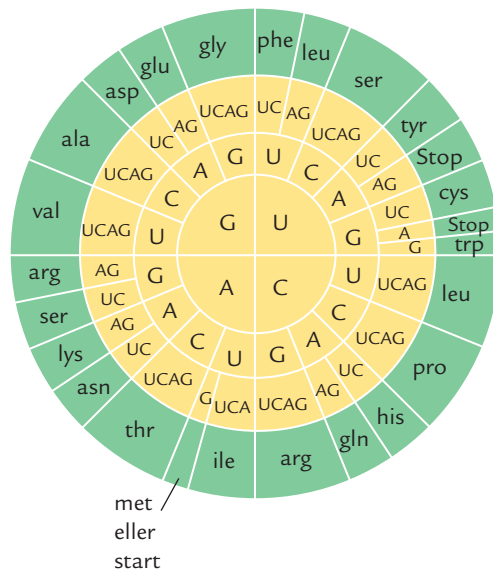
Figur 98. De fire nukleotider i DNA-molekylet.
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Figur 104 – kapitel 6 – Biologi i fokus

DNA, kodende streng



RNA-kode



- ala – alanin
- arg – arginin
- asn – asparagin
- asp – aspartat
- cys – cystein
- gln – glutamin
- glu – glutamat
- gly – glycin
- his – histidin
- ile – isoleucin
- leu – leucin
- lys – lysin
- met – methionin
- phe – fenylalanin
- pro – prolin
- ser – serin
- thr – threonin
- trp – tryptofan
- tyr – tyrosin
- val – valin

Figur 104. Den genetiske kode vist for både DNA og RNA.
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Figur 115 – kapitel 7 – Biologi i fokus

Kromosom nr. 7



Normal CFTR-gensekvens

Nukleotider	ATC	ATC	TTT	GGT	GTT
Aminosyrer	Ile	Ile	Phe	Gly	Val
	506		508		510

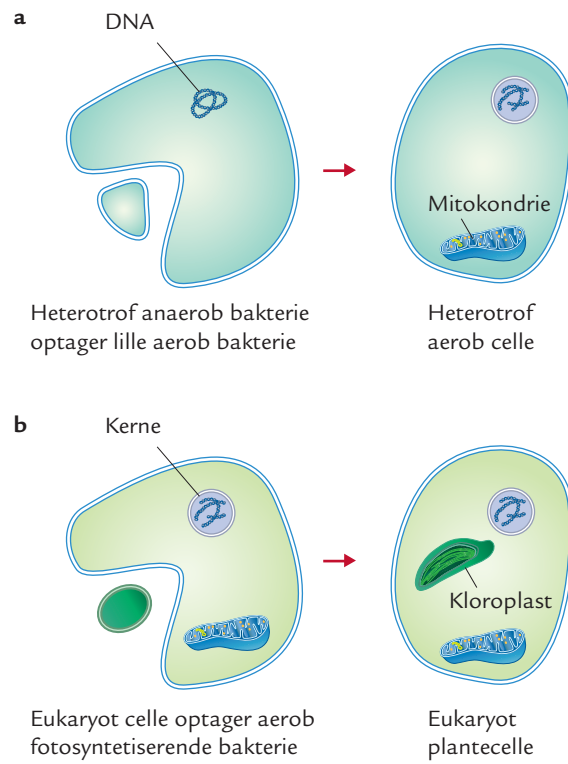
CFTR-gen med F508-mutation

Nukleotider	ATC	ATT		GGT	GTT
Aminosyrer	Ile	Ile		Gly	Val
	506				

Deletion af Phe

Figur 115. Cystisk fibrose.
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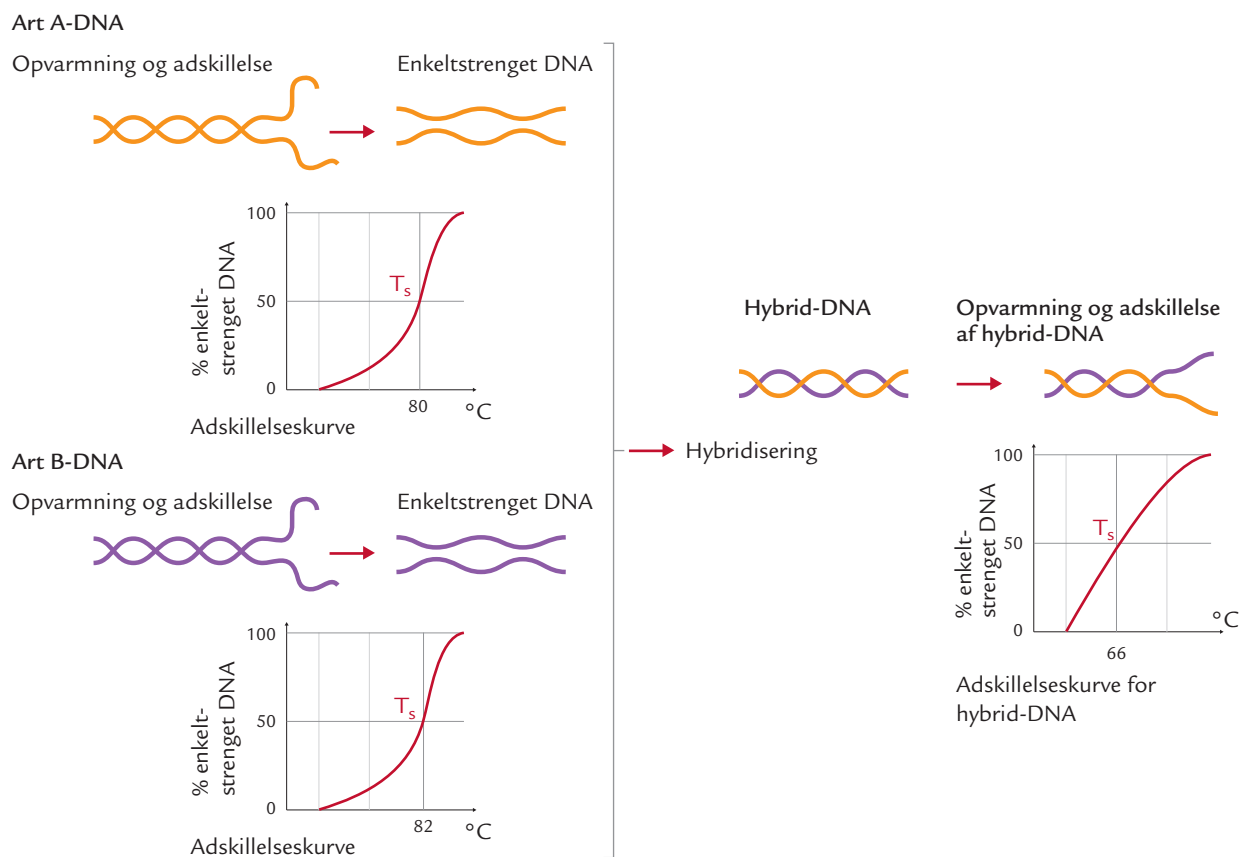
Figur 133 – kapitel 8 – Biologi i fokus



Figur 133. Endosymbiontteorien.

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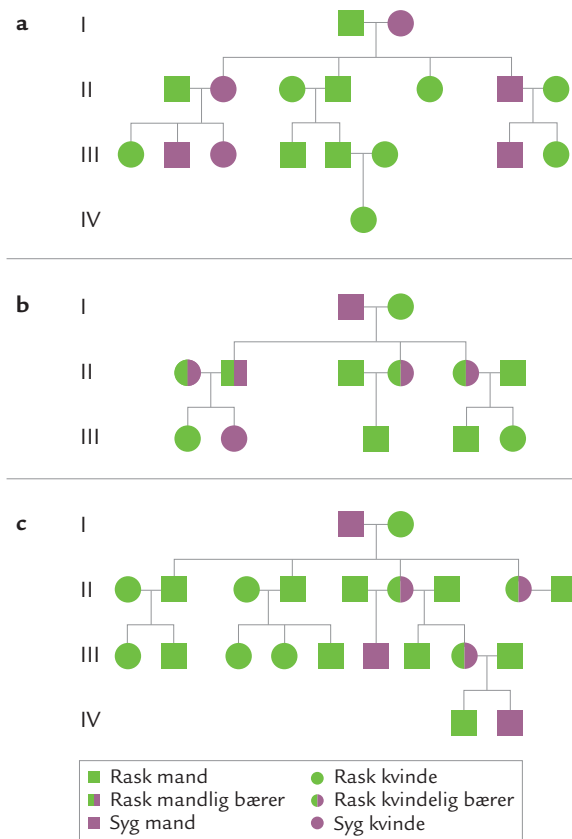
Figur 141 – kapitel 8 – Biologi i fokus



Figur 141. DNA-hybridisering.

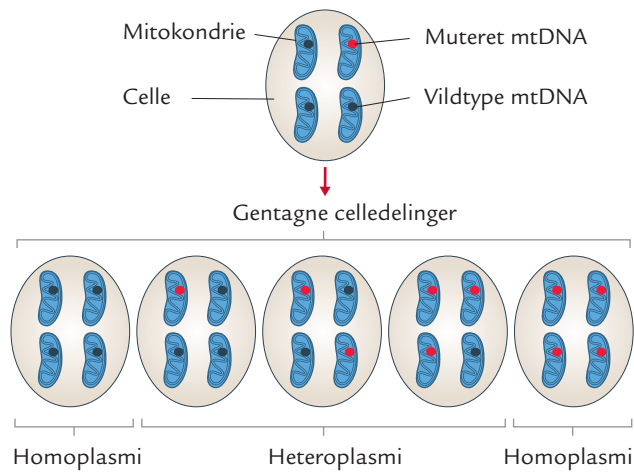
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Figur 151 – kapitel 8 – Biologi i fokus



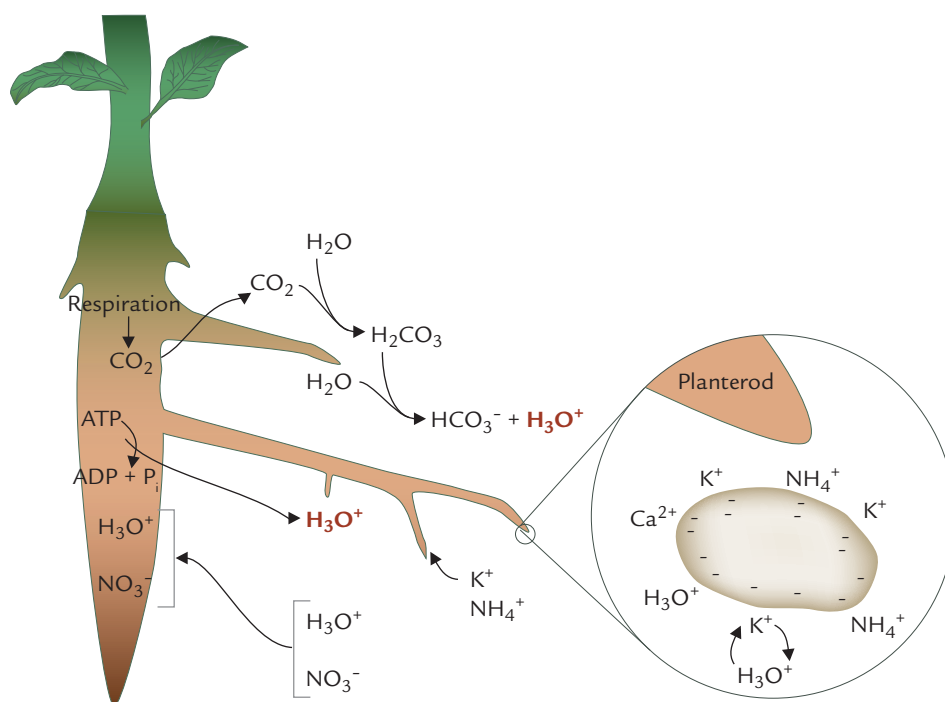
Figur 151. Stamtavler over: a. Autosomal dominant nedarvning. b. Autosomal recessiv nedsvrning. c. X-bunden recessiv nedarvning.
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Figur 152 – kapitel 8 – Biologi i fokus



Figur 152. Homoplasm og heteroplasm.
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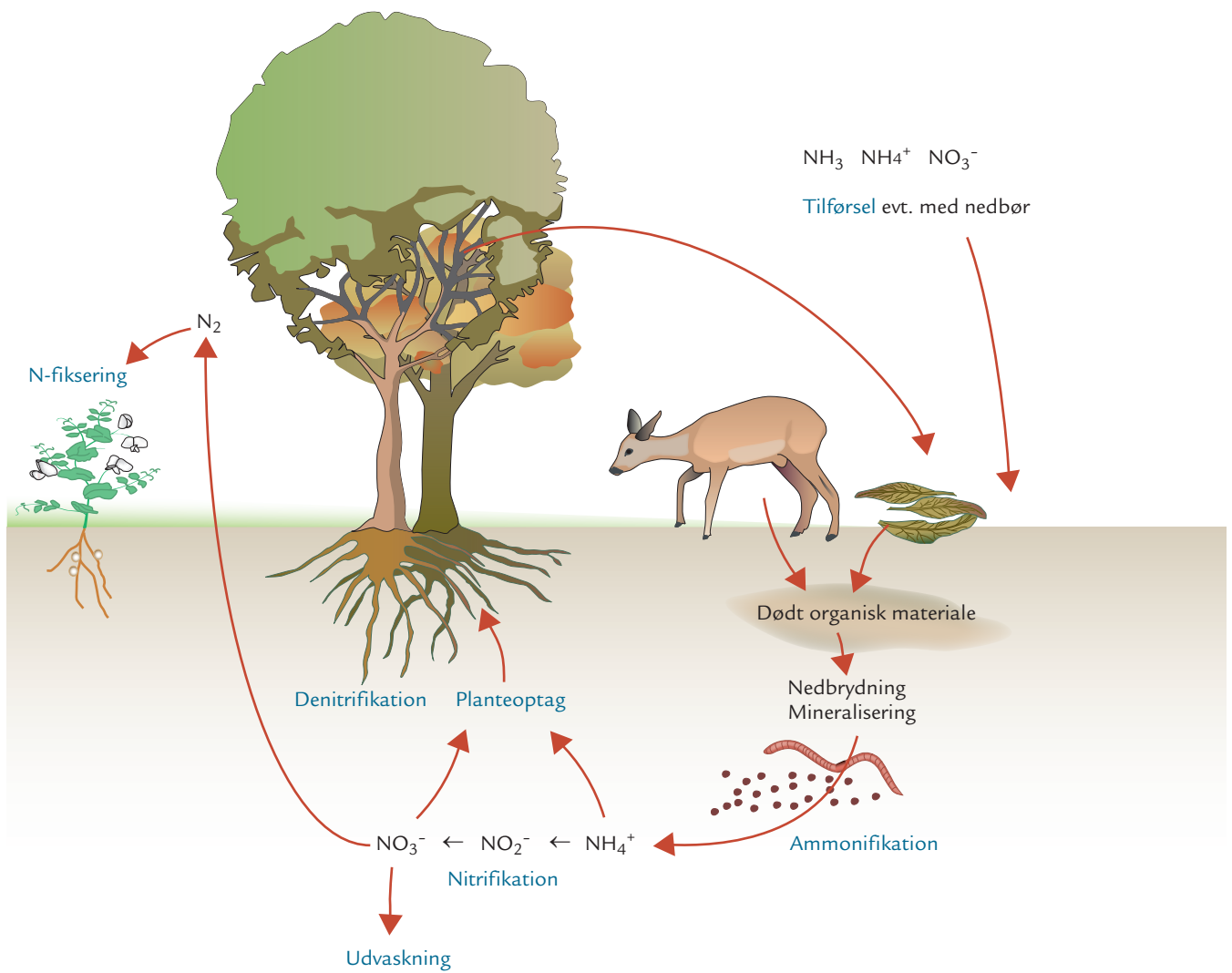
Figur 183 – kapitel 9 – Biologi i fokus



Figur 183. Røddernes optagelse af næringsstoffer.

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Figur 197 – kapitel 9 – Biologi i fokus



Figur 197. Kvælstoffets kredsløb.

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