



CRC

for

Premium

Quality

Wool

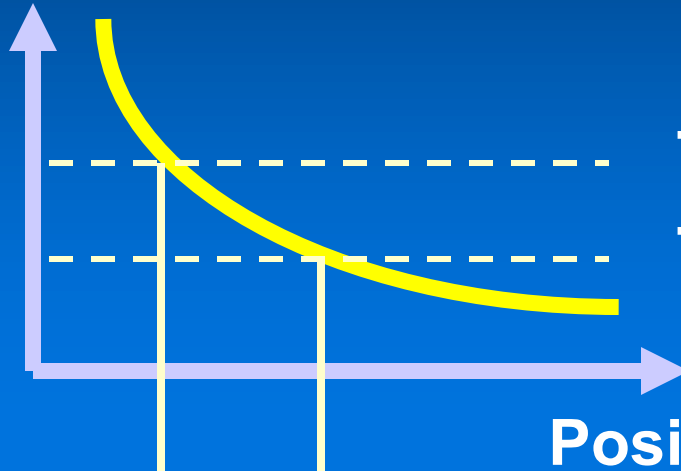
Molecules Involved in Follicle Initiation

Produced for the CRC for Premium Quality Wool undergraduate program by;
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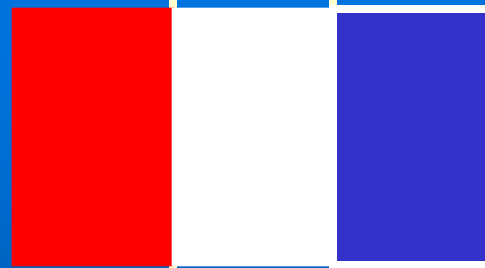
The French Flag

Morphogen concentration



Threshold 1
Threshold 2

Position



Gene A
Gene B
Gene C

+	-	-
-	+	-
-	-	+

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Molecules involved in follicle development

- Retinoic Acid (RA)
- Growth factors
 - Epidermal growth Factor (EGF)
 - Transforming Growth Factor- α (TGF- α)
 - Transforming Growth Factor- β (TGF- β)
 - Bone Morphogenetic Proteins (BMPs)
 - members of the TGF- β family
 - Fibroblast Growth Factor (FGF) family
 - Cell Adhesion Molecules (CAM)
 - Cadherins
 - Epimorphin
 - Homeobox gene products (Hox)
 - Transcription factors

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