

Keratin Associated Protein Genes

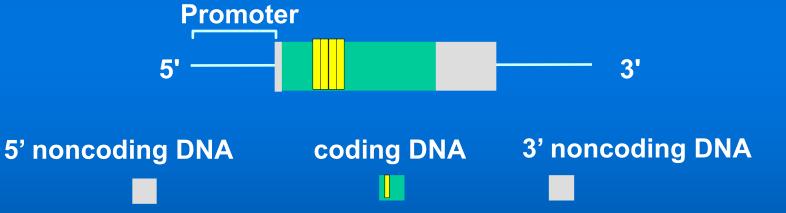
Produced for the CRC for Premium Quality Wool undergraduate program by; Dr. Barry Powell & Dr. C. Simon Bawden, The University of Adelaide.



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The Wool Keratin Associated Protein Gene, KAP1.1

1 kb in size no introns





KAP1.1 Wool Gene Makes Protein

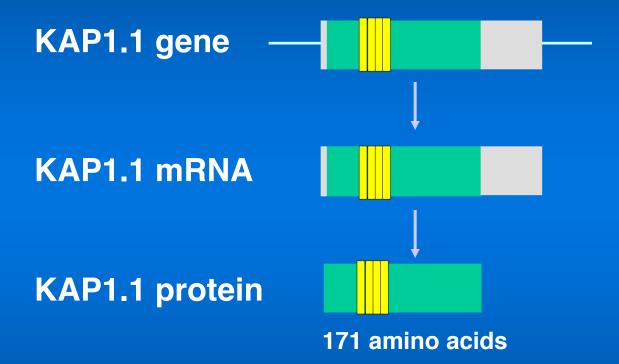
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KAP Gene Organization

- ~12 gene families
- Genes within a family are clustered
- Known locations:
 - Chr 1 KAP 7, 8 & 6 family (?)
 - Chr 11 KAP1 & 2 families, linked to IF type I locus
 - Chr 11 (Human) KAP5 family
- Unknown:
 - KAP3, 4, 9, 10, 11 & 12 families

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